















# Canada Lumberman

Founded 1880

NEW AND USED  
**MACHINERY**  
H.W. PETRIE, LTD.  
TORONTO

## IT'S SERVICE THAT COUNTS

For complete Service and absolute Security—At  
a Saving in cost call on

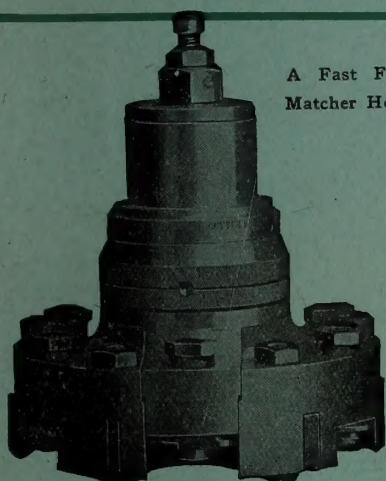
**E. D. HARDY & CO.**

INSURANCE for LUMBERMEN

Specialists in LUMBER and WOODWORKING Risks

BOOTH BLDG:

OTTAWA, ONT



A Fast Feed  
Matcher Head

## The SHIMER Fast Feed Expansion Matcher Head

With 12 High Speed Bits

The head is built heavy where the strain is and is devoid of all angles or openings, which lessen the wind resistance and cannot block with shavings. These advantages, combined with the Shimer expansion feature, make a combination that is hard to equal.

The straight knives are long, assuring length of service, while the circular knives can be set back, and the straight knives jointed; in this manner the whole width of the straight knives can be jointed at the one setting.

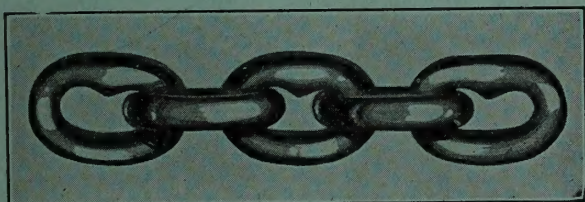
The circular cutter is then brought to its proper location.

The Cheapest and Best Head on the Market.

WRITE FOR PRICES

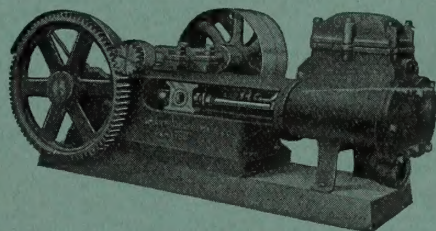
**Shimer Cutter Head Co. of Canada, Ltd., Galt., Ontario**

## "Hercules" Inswell Loading Chain



"INSWELL" WELD For Strength Insurance

McKinnon-Columbus Chain Limited  
St. Catharines, Canada



*To all our  
friends  
we extend the  
Season's  
Greetings*

**The Smart-Turner Machine Company, Limited**  
Hamilton, Canada

## Pulpwood Operators, Lumbermen and Jobbers

Valuable time saved by using our Standardized  
Rowing and Power Pointers.

Specially designed for river, lake and mill pond work.

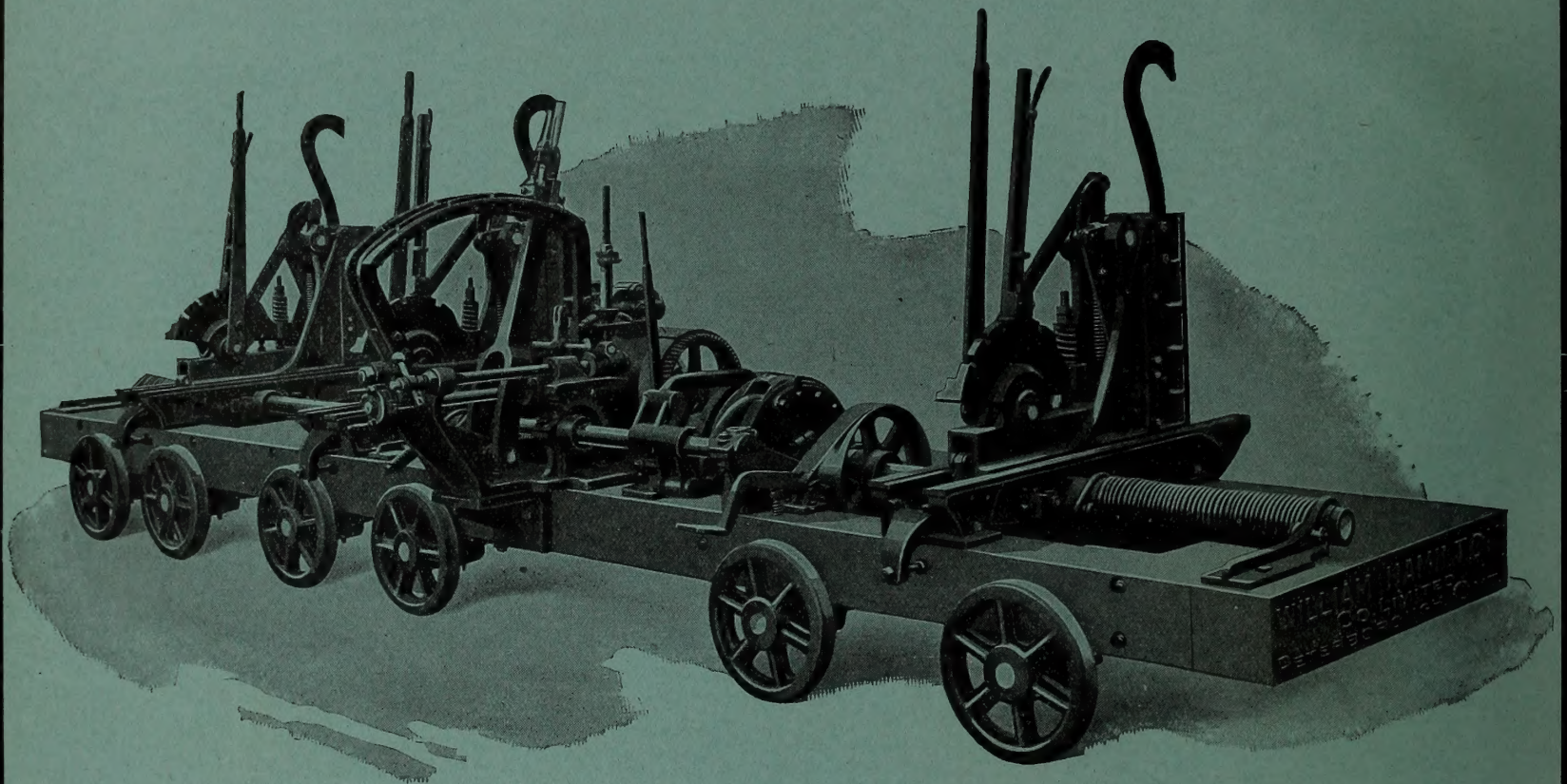
**Gidley Boat Company, Ltd.**

Boats and Engines of all kinds

PENETANG, ONT.



# "HAMILTON" LOG CARRIAGES



Above cut shows one of our **No. 2 HEAD BLOCK CARRIAGES** with knee opening 40" from saw line. Note the sturdy compact lines of this carriage, built for heavy but accurate service with weight properly distributed, and the dogs set low on the knees to insure gripping of the smallest logs.

We make these Carriages with pine or oak frames any length—having cast iron, or steel cast head blocks—with knee opening of 33", 40", and 54", and equipped with any number of head blocks of any spacing required. Hand or Steam Set may be used, and carriages are designed for either steam or rope feed. They are built of the best materials obtainable for fast and accurate cutting, are equipped with **NEW DESIGN AXLE RECEDING WORKS** and have carriage wheels 14", 16" or 18" diameter. We have installed hundreds of these carriages in Mills from Coast to Coast, and we guarantee them in material, workmanship, and design to equal any on the market to-day, and to give thorough satisfaction wherever used.

## OUR CARRIAGE CATALOGUE IS YOURS UPON REQUEST

Consult us for any of your saw mill needs, and you will have a Plant looking after your interests that has been in the Sawmill Machinery game for over sixty-five years.

# William Hamilton Co., Limited

Agents: J. L. Neilson & Co., Winnipeg, Man.      Peterborough, Ont.  
E. G. Blackwell, 65 Davis Chambers, Vancouver



---

# FESSERTON

---

The Name to Remember  
When You Need  
**LUMBER**  
Quality and  
Service Guaranteed

---

**The Fesserton Timber Company, Ltd.**  
15 Toronto St.                      MAIN 795-6                      TORONTO  
Western Office, Winch Building                      -                      Vancouver, B. C.

---

## Knox Brothers, Limited



*Another vessel on berth for unloading, showing our booms and part of  
Montreal Harbour*

Eastern Canadian Mill Address  
P. O. Box 27  
Lauzon, Que.  
(Opposite Quebec City)

Head Office  
**512-513 Drummond Bldg.**  
**Montreal**

At Quebec we specialize in  
dressing in transit for whole-  
salers and manufacturers.



# Let's Make 1923 the Best Year Yet

Co-operation will do it. For we are doing everything possible to offer our customers a perfect service. Appreciation of our efforts in the past year took the form of vastly increased business and the dealers who thus entrusted us with their trade may rest assured of our continued careful attention to their requirements.

## WHITE PINE

from our LaCloche Hills limits will continue to please the most critical buyers, for the quality, manufacture and grading will remain at the same high standard.

### Hocken Lumber Co. Limited

630 Confederation Life Bldg.

TORONTO Main 3315

## SOUTHERN HARDWOODS Dry Stock at Buffalo for Quick Shipment

WHITE ASH					CYPRESS					TENNESSEE SCENTED CEDAR					QUARTERED RED OAK				
1 & 2		Strips	Com	Com	1 & 2		Select	No. 1	No. 2	1 in.—29,000		1 1/4 in.—2,500		1 & 2		Clear	No. 1	No. 2	
3/4 in.	2,000	.....	1,417	2,800	3/4 in.	500	1,100	1,500	200	1 in.	.....	.....	.....	3/4 in.	1,700	.....	5,700	500	
1 in.	155,300	12,000	35,000	70,700	1 in.	64,200	121,000	82,800	3,700	1 1/4 in.	.....	.....	.....	1 in.	6,200	5,400	2,500	1,400	
1 1/4 in.	62,500	5,000	87,500	4,000	1 1/4 in.	80,100	16,300	5,000	1,200	1 1/2 in.	.....	.....	.....	1 1/4 in.	5,900	.....	900	.....	
1 1/2 in.	56,000	11,500	87,000	13,500	1 1/2 in.	127,300	41,500	12,400	1,500	2 in.	.....	.....	.....	1 1/2 in.	.....	.....	.....	.....	
2 in.	86,000	600	128,000	63,000	2 in.	88,000	42,000	4,400	.....	2 1/2 in.	.....	.....	.....	2 in.	.....	.....	7,400	.....	
2 1/2 in.	56,500	.....	23,000	37,500	2 1/2 in.	14,000	10,900	4,700	.....	3 in.	.....	.....	.....	.....	.....	.....	.....	.....	
3 in.	63,500	.....	47,500	44,500	3 in.	29,700	31,800	21,000	800	.....	.....	.....	.....	.....	.....	.....	.....	.....	
4 in.	76,900	.....	16,000	6,500	4 in.	8,200	9,000	4,000	200	.....	.....	.....	.....	.....	.....	.....	.....	.....	
CHERRY					PLAIN RED GUM					PLAIN RED OAK					POPLAR				
1 & 2		Strips	Com	Com	1 & 2		Com.	No. 1	No. 2	1 & 2		No. 1	No. 2	1 & 2		Clear	No. 1	No. 2	
1 in.	32,500	8,200	181,900	213,000	1 in.	50,000	31,900	600	.....	1 1/4 in.	23,000	11,325	400	600	3/4 in.	18" & up	1 & 2	Box	
1 1/4 in.	23,500	200	22,600	17,500	1 1/4 in.	27,000	61,300	15,500	5,000	1 1/2 in.	27,000	15,600	400	1,100	5/8 in.	9,100	.....	2,500	
1 1/2 in.	8,200	.....	33,700	88,300	1 1/2 in.	4,000	300	.....	.....	2 in.	46,500	121,000	26,000	5,000	1 in.	24,000	.....	1,900	
2 in.	7,000	.....	28,200	68,900	2 in.	.....	.....	.....	.....	2 1/2 in.	1,500	1,400	.....	.....	1 1/4 in.	52,000	4,800	12,200	
2 1/2 in.	5,500	.....	4,300	2,200	2 1/2 in.	.....	.....	.....	.....	3 in.	94,100	33,000	.....	.....	1 1/2 in.	3,200	33,300	1,700	
3 in.	22,700	.....	6,500	5,300	3 in.	.....	.....	.....	.....	4 in.	5,800	20,500	7,000	12,000	2 in.	6,300	14,100	22,400	
4 in.	4,900	.....	900	400	4 in.	.....	.....	.....	.....	.....	2,600	4,900	.....	.....	2 1/2 in.	.....	6,700	18,300	
CHESTNUT					FIGURED RED GUM					PLAIN WHITE OAK					POPLAR				
1 & 2		Clear	No. 1	No. 2	1 & 2		No. 1C	No. 2C	1 & 2		No. 1	No. 2	No. 3	1 & 2		Clear	No. 1	No. 2	
3/4 in.	1,500	.....	2,000	.....	1 in.	.....	6,000	1,900	5/8 in.	1 & 2	Com.	Com.	Com.	3/4 in.	7,000	16,900	3,000	.....	
1 in.	69,000	4,500	105,000	6,000	1 1/4 in.	.....	3,000	300	3/4 in.	125,800	271,000	86,000	38,000	5/8 in.	.....	86,000	38,000	.....	
1 1/4 in.	7,800	100	17,200	33,200	1 1/2 in.	.....	500	200	1 in.	61,300	33,000	16,200	105,000	1 in.	.....	16,200	105,000	.....	
1 1/2 in.	14,500	1,600	75,000	62,300	2 in.	.....	.....	.....	1 1/4 in.	26,700	1,000	.....	.....	1 1/2 in.	.....	1,000	.....	.....	
2 in.	14,200	.....	22,300	29,200	2 1/2 in.	.....	.....	.....	1 1/2 in.	29,300	33,000	.....	.....	2 in.	.....	33,000	.....	.....	
2 1/2 in.	2,000	.....	400	.....	3 in.	.....	.....	.....	2 in.	16,000	60,000	7,000	6,500	2 1/2 in.	.....	60,000	7,000	6,500	
3 in.	1,300	.....	300	500	3 1/2 in.	.....	.....	.....	2 1/2 in.	118,800	47,500	2,000	1,800	3 in.	.....	47,500	2,000	1,800	
4 in.	1,500	.....	300	.....	4 in.	.....	.....	.....	3 in.	18,800	42,800	2,400	600	4 in.	.....	42,800	2,400	600	
HICKORY					SAP GUM					QUARTERED WHITE OAK					BLACK WALNUT				
1 & 2		Clear	No. 1	No. 2	1 & 2		No. 1	No. 2	1 & 2		No. 1	No. 2	No. 3	1 & 2		Clear	No. 1	No. 2	
3/4 in.	1,500	.....	2,000	.....	1 in.	.....	400	.....	1/2 in.	6,100	.....	.....	.....	3/4 in.	.....	.....	.....	.....	
1 in.	69,000	4,500	105,000	6,000	1 1/4 in.	1,400	15,200	2,000	3/4 in.	3,900	.....	5,600	3,000	1 in.	8,500	4,900	13,300	3,000	
1 1/4 in.	7,800	100	17,200	33,200	1 1/2 in.	.....	1,800	13,500	1 in.	2,800	.....	700	800	1 1/4 in.	200	1,300	2,200	1,600	
1 1/2 in.	14,500	1,600	75,000	62,300	2 in.	5,100	2,400	18,800	1 1/2 in.	8,000	.....	3,500	.....	1 1/2 in.	500	400	300	.....	
2 in.	14,200	.....	22,300	29,200	2 1/2 in.	.....	.....	.....	2 in.	2,000	.....	24,100	5,700	2 in.	1,900	11,000	4,000	200	
2 1/2 in.	2,000	.....	400	.....	3 in.	.....	.....	.....	2 1/2 in.	1,000	.....	400	.....	2 1/2 in.	.....	200	.....	.....	
3 in.	1,300	.....	300	500	4 in.	.....	.....	.....	3 in.	1,800	.....	700	.....	3 in.	110	50	250	.....	
4 in.	1,500	.....	300	.....	4 in.	.....	.....	.....	4 in.	2,500	.....	1,700	.....	4 in.	25	500	1,200	.....	
QUARTERED RED OAK					QUARTERED SAP GUM					QUARTERED WHITE OAK					QUARTERED RED OAK				
1 & 2		No. 1	No. 2	No. 3	1 & 2		No. 1C	No. 2C	1 & 2		No. 1	No. 2	No. 3	1 & 2		No. 1	No. 2	No. 3	
3/4 in.	1,100	6,000	1,000	2,500	1 in.	.....	1,800	.....	1 1/4 in.	600	4,300	2,000	200	1 in.	8,500	4,900	13,300	3,000	
1 in.	500	1,500	2,050	300	1 1/4 in.	.....	.....	.....	1 1/2 in.	8,000	500	3,500	.....	1 1/4 in.	200	1,300	2,200	1,600	
1 1/4 in.	9,600	23,900	9,000	2,600	1 1/2 in.	.....	.....	.....	2 in.	2,000	.....	24,100	5,700	1 1/2 in.	500	400	300	.....	
1 1/2 in.	2,000	.....	400	.....	2 in.	.....	.....	.....	2 1/2 in.	1,000	.....	400	.....	2 in.	1,900	11,000	4,000	200	
2 in.	4,200	12,200	17,200	3,300	2 1/2 in.	.....	.....	.....	3 in.	1,800	.....	700	.....	2 1/2 in.	.....	200	.....	.....	
2 1/2 in.	3,000	13,000	5,700	600	3 in.	.....	.....	.....	4 in.	2,500	.....	1,700	.....	3 in.	110	50	250	.....	
3 in.	.....	8,580	7,200	1,700	4 in.	.....	.....	.....	4 in.	2,500	.....	1,700	.....	4 in.	25	500	1,200	.....	
4 in.	.....	400	375	.....	4 in.	.....	.....	.....	4 in.	2,500	.....	1,700	.....	4 in.	25	500	1,200	.....	

Also large stock of Brown Ash, Basswood, Beech, Birch, Elm and Maple.

## THE ATLANTIC LUMBER CO. Inc. 310 MANNING CHAMBERS TORONTO

MANUFACTURERS SOUTHERN HARDWOOD LUMBER

Yards: BUFFALO, N.Y.

Mills: KNOXVILLE, TENN., FONDE, KENTUCKY

Head Office: BOSTON, MASS.



# Geo. Gordon & Co.

Limited

CACHE BAY - ONTARIO

*Manufacturers of*

## WHITE & NORWAY PINE

Lumber, Dimension Timber  
Lath, Shade Roller Pickets

*Planing Mill in Connection*



**W**E conduct an extensive trade in Spruce Lath Cedar Ties and New Brunswick Cedar Shingles to the South American and British markets. Docking facilities are unexcelled.

Correspondence invited

## CHALEURS BAY MILLS

Main Office and Mills at  
Restigouche, Que.

Portland Office  
31½ Exchange St.

Cable Address: Chalbay, Portland, & Restigouche, Que.



# EDWARD CLARK & SONS LIMITED

807 Bank of Hamilton Building - Toronto

## Hardwood Lumber

SPECIALTY



BIRCH

We are headquarters for Canadian Birch of such beauty and saleability that our brand has become famous throughout this country and the United States. Large stock for prompt shipment.

We are open to contract for large blocks of Hard Maple and Basswood which are to be sawn to our order during the winter months to produce as much white stock as possible.

**EFFICIENCY, COURTESY AND SERVICE**

## LATH and LUMBER

WHITE PINE  
NORWAY PINE

Shevlin - Clarke  Company Limited

FORT FRANCES, ONT.

Manufacturers  
and Wholesalers

Prompt Shipment.  
Attractive Prices.





**White Pine  
Red Pine  
Jack Pine  
Spruce  
Lumber  
and Lath**

**UNION LUMBER COMPANY LIMITED**  
701 DOMINION BANK BUILDING  
TORONTO CANADA



# GEORGE MASON & COMPANY

(Successors to Manley Chew)

MANUFACTURERS OF

## Pine—Maple—Beech—Basswood Lumber—Lath

WE INVITE YOUR ENQUIRIES

Mills at Midland, Ont., Thunder Bay, Ont.

Head Office :—Midland, Ont.

### Don't Gamble on Quality

When values are at higher levels it's foolish to take a chance with a slightly cheaper but inferior article. Your customer will be more exacting—he wants full value for his money.

Our Red and White Pine and Spruce offer good investments for both you and your customer.

*Let us prove it*

**KEEWATIN LUMBER COMPANY, LTD.**  
KEEWATIN - ONTARIO

Two complete Saw and Planing Mills, Box Factories and Lath Mill at Keewatin and Kenora, Ont.

### F. W. Brennen & Sons

474 Main St. East

Hamilton, Ont.

Wholesale

## LUMBER LATH--SHINGLES

We have what you want: Write us for quotations

### A. T. DADSON

Wholesale Lumber Broker

350 CONFEDERATION  
LIFE BLDG.

**TORONTO**

Telephone  
Main 1892

Would be glad to hear from manufacturers and wholesalers with particulars of stock of Lumber and Lath.

We are  
Exclusive handlers of the Celebrated  
"VELVET BRAND"  
SHORT LEAF YELLOW PINE

— The softest that grows —

Steam Dried or  
Smoke Dried

Inquiries invited  
Prompt Shipments

**Russell Harris Lumber Company**  
34 Victoria Street, Toronto. Telephone Main 4700

## The D'AUTEUIL LUMBER CO., Limited

81 St. Peter Street,  
QUEBEC

**Pulpwood, Lumber,  
Spoolwood,  
Ties and Shingles**



SERVICE



QUALITY

# An Announcement

## To The Trade

We desire to announce that, dating from January 1st, 1923, the following change will become effective in our firm:

A. E. Gordon will withdraw his interest and will continue in the lumber business on his own account.

H. J. Terry, A.S. Nicholson, and A. E. Cates will continue the business under the same style as formerly, but subject to a change of name as soon as same can be conveniently arranged.

The firm as newly constituted will assume all the obligations and contracts of the company.

We extend our thanks to the trade for there assistance and courtesy in the past, and offer them our sincerest good wishes for future health, happiness and prosperity.

Our firm as now constituted includes the following personnel who need no introduction to the trade.

H. J. Terry	A. S. Nicholson	A. E. Cates
President	Managing Director	Sec. Treasurer
J. E. Green	R. A. Watt	A. E. Richards
Montreal Sales	Western Sales	Eastern Sales
		W. M. Gilbert
		Office Manager

**TERRY AND GORDON**  
 LIMITED  
**CANADIAN FOREST PRODUCTS**  
 HEAD OFFICE  
**TORONTO**  
 BRANCH  
**MONTREAL**  
 BRANCH  
**VANCOUVER**

Ontario Representatives for  
 THE BRITISH COLUMBIA MILLS TIMBER AND TRADING CO., VANCOUVER, B. C.



Phone Adel. 7718

302 Brass Bldg.

**Cedar Shingles****Western Fir, Spruce and Pine**

All Dimensions All Grades

Old Growth Soft Yellow Fir in Rough Clears

**Southern Yellow Pine**

Canadian Representatives of

Cantrell Lumber Co., New York

Handling the product of several leading Southern Pine Mills. Send us your inquiries for B and Better finish and Rough or sized dimension.

**J. L. Nevison & C. J. Brooks, Toronto, Ont.****Watson & Todd Limited**  
**OTTAWA****WHITE PINE**  
**RED PINE**  
**SPRUCE**

Registered



Trade Mark

**Rideau Club Building**  
Cor. Wellington and  
Metcalf Sts.

Registered



Trade Mar

**We are always in the market to buy Soft Elm, Maple, Birch and other Hardwoods. Also Spruce, Pine, Poplar or Balm for crating.**

**Established Twenty Years**

**Liberal Prices      Fair Inspection**  
**Prompt Payment**

*We have a good Stationary Saw Mill complete with power for sale, capacity 15 to 20 M. per day. Write us for particulars.*

**The Manufacturers' Lumber**  
Company Limited**Stratford      -      Ont.****BARGAINS IN**  
**Standing Timber**

**A**LL our remaining timber lands and town property situated in the town of Parry Sound are offered for sale by us. The special prices at which these are being sold makes early enquiries advisable.

Good bargains are still obtainable in the Townships of Christie, Allen, Secord, Falconbridge and Street. May we send you full particulars?

**The Parry Sound Lumber Co.**

LIMITED

**26 Ernest Avenue****Toronto, Ont.****Wiarton Lumber Company Limited**

Wiarton, Ont.

We have the following for quick sale.

50,000	4/4 8/4	Hemlock Merchantable grade
5 cars	4/4 8/4 12/4	Dry Birch No. 1 Com & Btr.
4 cars	4/4 8/4 12/4	Hard Maple No. 1 Com & Btr.
3 cars	4/4	Basswood No. 2 Com & Btr.
1 car Each	4/4 6/4	Beech No. 2 Com & Btr.
2 cars	8/4 12/4	Elm No. 1 Com & Btr.
3 cars	4/4	Elm No. 2 Com & Btr.
1 car	4/4	Butternut Log Run
3 cars	4/4	Hardwood Crating.

**Special Prices.****Order Now.****WIRE PHONE OR WRITE**

For your supply of

**WANAY BIRCH TIMBER**  
**ROUND BIRCH VENEER LOGS**  
**HARDWOOD and SOFTWOOD SAWN LUMBER**

**THE WILLIAM J. MURPHY LUMBER CO.**

55 St. Francois-Xavier St.,

**MONTREAL**

P.O. Box 2043

Phone Main 8268



**The Harris Tie & Timber Co., Ltd.**  
**The C. E. Fleming Tie & Lumber Co., Ltd.**  
**The Poupore Lumber Co.**

Railway Ties, Cedar Poles and Posts, Lumber, Lath, Shingles, Pulpwood

197 SPARKS STREET

OTTAWA, CANADA

**H. R. Goodday**

AND COMPANY

EXPORTERS OF

**SPRUCE AND  
PINE**

New Brunswick Agent

**F. E. NEALE,**

Chatham, N.B.

Head Office: **QUEBEC, P.Q.**



For Prompt Delivery of  
**Hemlock, Spruce, Lath  
Pulpwood and Hardwoods**

**Dressed and Ripped to Order**

We specialize in Hemlock and Spruce  
Timbers and have excellent facilities  
for quick shipment—rail or water  
delivery.

*Tell us your requirements*

**Fassett Lumber Co., Limited**  
 Fassett, Quebec

G. S. LAY

D. H. HAIGHT

**LAY & HAIGHT**

34 Victoria Street, Room 21  
 TORONTO, ONT.

White Pine      Spruce      Jack Pine

LUMBER AT WHOLESALE

*We will be pleased to quote prices.*

Thirty two years in the wholesale trade

**Milling in Transit**

A Well Equipped Mill

C.P., G.T., & C.N. Railway Connections

*Special Mill Work      Prompt Service*

**J. R. Eaton & Sons, Limited**  
 ORILLIA, ONT.



THE  
**Montreal Lumber Co.**  
Limited  
**WHOLESALE  
LUMBER**

759 Notre Dame St. W., Montreal

W. K. GRAFFTEY,  
President and Managing Director.

**DR. BELL'S**

**Veterinary Wonder Remedies**

50,000 one dollar (\$1.00) bottles Free to horsemen who give the Wonder a fair trial. Guaranteed for Colic, Inflammation of the Lungs, Bowels, Kidneys, Fevers, Distemper, etc. Send 25c for Mailing Package, etc. Agents wanted. Write your address plainly. DR. BELL, V. S., Kingston, Ont.



**Know  
Your  
Market**

Atimely knowledge of Canadian construction activities gives the lumberman a point of vantage from which to conduct his sales.

The Contract Record will keep you posted on construction undertakings large and small.

The subscription price is \$3.00.

Send to

**Contract  
Record**

and Engineering Review

347

Adelaide Street West,  
Toronto, Ont.

# LUMBER

## Wanted

Mill-cuts in

**W. Pine  
Hemlock  
Birch  
Elm  
Maple**

**C. G. Anderson Lumber  
Company, Limited**

Manufacturers and Strictly Wholesale  
Dealers in Lumber

SALES OFFICE

**705 Excelsior Life Building  
Toronto**

**BELTING**

All kinds of new and used Belting  
Shipped subject to approval, at  
Lowest Prices in Canada

**YORK BELTING CO.**  
115 York St. Toronto, Ont.

**JACK PINE**

**HEMLOCK**

**SPRUCE**

**JAMES R. SUMMERS**

Wholesale Lumber

95 King St. East TORONTO, Ont.  
Main 7329

**HICKORY AXE HANDLES**

Made From the Best Canadian

**HICKORY**

Quality, Shape and Finish Unexcelled

St. Marys Wood Specialty Co. Ltd,  
St. Mary's, Ontario, Canada

High Grade Wood Specialties Ball Bats  
A ndles, and Hardwood Lumber."

**BELTING FOR SALE**

We have a large quantity of Second-  
Hand Rubber and Leather Belting in  
all sizes and plys up to 24 inches in  
width, which we can sell at interesting  
prices. Send us your requirements.

**N. SMITH**  
138 York St. - Toronto, Ont.

**Robt. Coltart & Co.**

Royal Liver Building

Liverpool England

Agents for the sale of  
Pine, Spruce and Hard-  
woods. Correspondence  
invited.

Cables—"COLTART" Liverpool

**Cant & Kemp**

52 St. Enoch Square

GLASGOW

**Timber Brokers**

Cable Address, "Tectona," Glasgow  
A1 and ABC Codes used

**FARNWORTH  
& JARDINE**

Cable Address: Farnworth, Liverpool

**WOOD BROKERS  
and MEASURERS**

2 Dale Street, Liverpool, and  
Seaforth Road, Seaforth, Liverpool,  
England





# Quick Action



## You Can Have It

Try the Canada Lumberman Wanted and For Sale Department. Have you anything you wish to buy or sell in the Lumber Industry? You will find this department inexpensive, and a very effective business getter.

Our Classified Advertisers do not repeat the ad, often. They don't have to. They report immediate results. Use these columns to your own advantage.

**CANADA  
LUMBERMAN  
and WOODWORKER**  
347 Adelaide St. W.  
TORONTO



### ***"Well Bought is Half Sold!"***

"1922 is now 'historee'  
1923 is yet to be.

But it doth not yet appear what it shall be.

We venture no prophecies and very little advice.

Much depends on a  
Good Start

We can help you  
Start Right

by replenishing your stock in

**White Pine**

**Norway**

**Spruce**

**Hemlock**

*"Buy Now"*

**Canadian General Lumber Co.**  
Limited

## **FOREST PRODUCTS**

TORONTO OFFICE:— 712-20 Bank of Hamilton Building

Montreal Office:— 514 Canada Cement Company Bldg.

Mills: Byng Inlet, Ont.

#### TRANSIT CARS

We have at all times inch and two inch B.C. Stock in transit. Particulars on application. We are in the market for medium size blocks of Spruce and Hemlock, inch and two inch, Merchantable grade, and No. 1 White Pine mill culls from 6 to 12'. In writing quote your lowest prices.  
THE FOLEY LUMBER COMPANY,  
18 Toronto Street,  
Main 2746 Toronto. Hill. 6839

Manufacturers of

**WIRE** For TYING, BUNDLING  
and many other purposes  
NAILS  
**LIDLAW BALE TIE CO., Ltd**  
HAMILTON, ONT.

#### SAVAGE & BARTLETT

FOREST ENGINEERS  
Timber Estimates, Maps, Topographic  
and Boundary Surveys  
15 State St., BANGOR, MAINE

#### W. Y. LLOYD

350 Confederation Life Building,  
TORONTO, Ont.

Dealers in Eastern and Western  
**Canadian Softwoods**

Pine, Spruce, Fir, Hemlock  
Lath and Shingles.

*Soliciting enquiries.*

#### Money Saved, Money Earned

By applying correct cutting  
methods

Our ESTIMATES help you

**James W. Sewall**

Forest Engineer

Old Town, Davidson Bldg.,  
Maine. Washington, D.C.

*Largest Cruising House in America.*

#### SPECIALTIES

Sawed Hemlock  
Red Cedar Shingles  
White Pine Lath  
Bass and Poplar Siding

**James Gillespie**

Pine and Hardwood

## **Lumber**

Lath and Shingles

North Tonawanda, N.Y.



**P. L. CANFIELD****Wholesale Lumber****Woodstock - Ontario**

B.C. Fir, Larch, Cedar, Hemlock and Spruce

B.C. Western Soft Pine

B.C. Western White Pine

above grades In Shop or Common

**B.C. PRODUCTS ALWAYS IN TRANSIT****ROSE-McLAURIN**

LIMITED

1226 Bank of Hamilton Building TORONTO

Phone Main 6752

*We Specialize in***British Columbia Lumber and  
Timber and Red Cedar Shingles***Let us quote you. Our prices are right*

We also handle the well known

**"TEN-TEST" SOLID FIBRE BOARD****A Permanent Lumber  
Service**

**A**FTER several years of inactivity we are now cutting on our modern fully equipped mills at Manistique and Little Lake, Upper Michigan. The timber behind these mills was purchased many years ago by the Stack interests from the then "unlimited" supply. Its quality, particularly the maple and birch, is the envy of northern mill men among whom this tract is famous.

This timber will run the mills to full capacity for fifteen to twenty years. The 40,000,000 feet annual cut will run:

15,000,000 ft. maple annually  
6,000,000 ft. birch annually  
2,500,000 ft. beech annually  
2,500,000 ft. elm annually  
900,000 ft. basswood annually  
200,000 ft. ash annually  
6,000,000 ft. hemlock annually  
3,000,000 ft. white pine annually

the balance in Spruce and Tamarack.

Our exceptional service, grades, and manufacture will be maintained.

"Low freight rate shipments by water to Toronto, Montreal, Owen Sound, Port Arthur, and other Great Lakes and St. Lawrence River Ports. Conveniently located also for rail shipments to inland points by C.P.R. or Soo line."

We will be pleased to hear from old friends and from new ones who can understand and appreciate what permanent connection with such a source of supply would mean.

**STACK LUMBER CO.**

ESCANABA

MICHIGAN

**W.S. LOGGIE****and Company, Limited**

*Manufacturers  
of Lumber  
including*

**SPRUCE, PINE  
and LATHS****Head Office****Chatham, N.B.****Mill****Inkerman, N.B.****The Rat Portage Lumber Co., Limited, Vancouver**

MANUFACTURERS OF

**DOUGLAS FIR, SPRUCE AND HEMLOCK**

FLOORING, CEILING, SIDING, INTERIOR AND EXTERIOR  
FINISH OF ALL KINDS INCLUDING MOULDINGS

**Rough Kiln Dried and Green Clear Fir in All Sizes**

Boards, Shiplap, and Dimension

**ROUGH TIMBERS UP TO 90 FEET LONG**

WE SPECIALIZE IN 1/4  
SCANT SIZED DIMEN-  
SION, ALSO DIMENSION  
AND BOARDS IN THE  
ROUGH



# FRASER COMPANIES, Limited

Bleached Sulphite Pulp Mill. Saw Mills (all Band Saw Mills). Shingle Mill

HERE THEY ARE ON THE MAP



## Mills and Railway Connections

Saw and Shingle Mills	Railway Connections
Cabano, Que. ....	Temiscouata Ry.
Notre Dame du Lac, Que. ....	Temiscouata Ry.
Glendyne, Que. ....	C. N. Ry.
Estcourt, Que. ....	C. N. Ry.
Sully, N. B. ....	C. N. Ry.
Edmundston, N. B. ....	C.P.R., C.N.R. and Temiscouata Ry.
Magaguadavic, N.B. ....	C. P. R.

Saw and Shingle Mills	Railway Connections
Baker Brook, N. B. ....	C.N.Ry., Temiscouata Ry.
Plaster Rock, N.B. ....	C. P. R.
Summit, N. B. ....	C. N. R.
Fredericton, N. B. ....	C.P.Ry and C.N.Ry.
Nelson, N. B. ....	C. N. Ry.
Campbellton, N. B. ....	C. N. Ry.

Bleached Sulphite Mill, Edmundston, N. B. .... Railway Connection, C.P.R., C.N.R. and Temiscouata Ry.  
Sulphite Mill, Chatham, N. B. .... Railway Connection, C. N. R.

Bleached Sulphite.

Rough and Dressed Spruce.

White Cedar Shingles.

Railway Ties

Piano Sounding Board Stock a Specialty.

Selling and Purchasing Offices :--

EDMUNDSTON, N. B.



# Dry Hardwood for Immediate Shipment



5 Cars 8/4" Soft Elm No. 1 & B.  
 2 " 6/4" Soft Elm, No. 1 & B, 10% No. 2.  
 5 " 4/4" Soft Elm, No. 1 & B, 20% No. 2.  
 5 " 4/4" Soft Elm, No. 3 Common.  
 4 " 4/4" Basswood, No. 1 & B.  
 1 " 4/4" Basswood, No. 2 & 3 C. 15% No. 3.  
 1 " 8/4" Basswood, No. 1 & B, 15% No. 2.  
 5 " 6/4" Beech, No. 1 & B, 20% No. 2.  
 1 " 6/4" Beech, No. 1 & B, 10% No. 2.

3 Cars 5/4" S. Maple, Mill Run.  
 3 " 16/4" H. Maple No. 1 & B.  
 5 " 12/4" H. Maple, No. 1 & B, 10% No. 2.  
 1 " 6/4" H. Maple, No. 2 & 3 Common.  
 15 " 4/4" H. Maple, No. 3 Common.  
 5 " 4/4" Birch, No. 1 & B.  
 5 M. Ft. 6/4" Hickory, Mill Run.  
 5 M. Ft. 4/4" Butternut No. 1 & B.  
 1 Car 5 x 5 Box Hearts.

The  
**PEDWELL HARDWOOD LUMBER CO.**  
 Ft. Spadina Ave., TORONTO

## Hardwoods

**BIRCH**  
 25,000' 3 x 6 & wider.  
 200,000' 2 x 4 " "  
 230,000' 1 x 4 " "  
**MAPLE**  
 3,000' 3 x 6 & up.  
 110,000' 2 x 4 " "  
 300,000' 1 x 4 " "  
**RED OAK**  
 40,000' 2 x 6 & up.  
 30,000' 1 x 4 " "

The above all dry stock, well manufactured good average widths and lengths.

Grade No. 3 Common & Better.

## Softwoods

Softwoods  
 White Pine.  
 Red Pine.  
 Spruce.  
 Hemlock.

## The Rideau Lumber Co.

LIMITED  
 Established since 1897.

Canada Life Building, Ottawa, Canada

## The Smile of Satisfaction

Know what real satisfaction means by giving McDonagh Lumber a trial. Wholesale Hardwoods (Native and Foreign), Crating Spruce, Pine and Hemlock, Canadian Birch, Basswood and Maple.



Every Shipment Guaranteed

**The McDonagh Lumber Co.**  
 226 Confederation Life Building, TORONTO

## Birch - Spruce - Cypress

*Always on hand*

A large quantity of dry lumber of every description, with good facilities for Dressing and Matching, in straight car lots, one or more widths

**2,700 Acres of FREEHOLD land for sale**

**ROCH JULIEN**

MORIN BUILDING

111 MOUNTAIN HILL

QUEBEC,

QUE.

## THOS. N. PHILLIPS

Selling Agent  
 for

## COAST AND MOUNTAIN MILLS

I can supply anything and everything in British Columbia Lumber or Shingles, giving the quickest possible dispatch, unquestionable grades and manufacturer's prices. You will be satisfied in every way. A trial order will convince.

Royal Bank Building

Toronto, Ont.



# BETTER LUMBER



# BETTER SERVICE

Dressed Spruce, Sized Hemlock

Red and White Pine, Jack Pine

Lath, Crating, B.C. Products

## LARKIN LUMBER COMPANY

236 CONFEDERATION LIFE BUILDING

TORONTO

### AUSTIN & NICHOLSON

CHAPLEAU, ONTARIO

*Largest Producers of* **Railroad Ties** *In the Dominion*

**Pine and Spruce—Lumber—Lath—Piling  
Railroad Ties—Pulpwood**

**FIRST CLASS PLANING-MILL EQUIPMENT**

Facilities for delivering Pulpwood to Michipicoten  
Harbour, Lake Superior

Splendid facilities for Dressing and Matching in straight car lots,  
one or more widths

Mills at NICHOLSON, ONTARIO, Main Line C.P.R.

### In Transit Now

G.T. Car No. 19498 Dec. 2nd.

14089' 1 x 4" B.B. Steam Dried Yellow Pine.

C. & N.W. Car No. 79574—Nov. 22/22.

1 x 6/12" 8/16' B.B. Steam Dried Yellow Pine.

C. & A. Car No. 17976—Nov. 23/22.

1 x 8, 10, 12" Clear Redwood 5039'.

1 x 24" wide Clear Redwood 1024'.

4 x 4, 5 x 5, 6 x 6" Clear Squares 1061'.

6/4" No. 1 Shop 4152'.

8/4" No. 1 Shop 6241'.

G.T. Car No. 32322 Nov. 29/22.

6/4" No. 1 Shop Redwood 9405'.

8/4" No. 1 Shop Redwood 9002'.

**THE EASTMAN LUMBER COMPANY, LIMITED**

38 Sun Life Building, Hamilton, Ontario. Phone Regent 162

## TRANSIT

FLOORING, CASING, BASE,  
CEILING, ROUGH CLEARS,  
BOARDS, SHIPLAP,  
DIMENSION,  
SHINGLES,  
TIMBERS.

**R. G. CHESBRO** Bank of Hamilton Bldg.  
TORONTO

## Everything in Lumber

The

**McLennan Lumber Co., Ltd.**

Office and Yard: 21 Dorchester Street W., Montreal

P.O. BOX 1854

PHONE PLATEAU 1300

F. N. Waldie, President.

R. S. Waldie, Vice-President

W. E. Harper, Secretary.

## The Victoria Harbor Lumber Co., Ltd.

Manufacturers of

# Lumber and Lath

Mills at Victoria Harbor, Ont.

HEAD OFFICE,  
12-14 Wellington Street East, TORONTO, ONT.



# BUY BRITISH COLUMBIA Red Cedar Shingles



The life of a British Columbia Red Cedar Shingle Roof can almost be gauged by the life of the nail with which the shingle is nailed in place. Judging from available data, the average life of the ordinary steel wire nail, which has been in such common use, is only from seven to twelve years. Some wire nails will last longer, depending upon the condition of exposure, climate and similar features, but considering our climate as a whole, at the end of from seven to twelve years a large percentage of wire nails will have rusted either completely through or so extensively that the first strong wind will complete the work. The shingles that have been held in position by such nails are then free to work down, permitting rains or melting snows to leak through and damage the interior of the structure. Examination will disclose that the fibre of the shingle itself is still in perfect condition, and a leaky roof, in the majority of occasions is due entirely to the use of faulty nails, but the average home owner, placed at such inconvenience, will not stop to reason this out and the poor wooden shingle comes in for more unjust abuse.

There are several kinds of nails which experience has proven will give lasting satisfaction, and the wise dealer will advise his customers of these satisfactory nails. A pure zinc shingle nail meets all the demands of durability required. Its principal drawback is its high cost and a slight tendency to bend under careless driving. Galvanized wire nails theoretically are rust proof, and if the galvanized coating is properly applied, and of sufficient thickness, such a nail will last as long as the shingle it holds in place. The life of this shingle roof, properly applied with these nails then is from 40 to 50 years. Pure iron nails, or the old cut or wrought nails are ideal but difficult to secure. Copper nails also constitute a perfect shingle nail.



**Timms Phillips & Co., Ltd.**  
Yorkshire Bldg., Vancouver  
Manufacturers and Wholesalers  
**Red Cedar Shingles**  
3x-5x- Perfections, Royals, Imperials  
**Red Cedar Bevel Siding**

**Vancouver Lumber Co., Ltd.**  
Manufacturers  
**XXX-XXXXX CEDAR SHINGLES**  
(B. C. Inspected)  
Head Office, Vancouver, B.C. Eastern Sales Office Toronto, Ont.

**Westminster Mill Co.**  
LIMITED  
New Westminster, B.C.  
**Red Cedar Shingles**  
**Cedar Bevel Siding**

**Dominion Timber Products Ltd.**  
Vancouver Block  
Vancouver  
Largest Manufacturers of  
**Perfection Shingles**  
in Canada

**Underhill Lumber Co., Ltd.**  
Dominion Bldg., Vancouver  
**RED CEDAR SHINGLES**  
3x-5x- Perfection and Eureka  
**CEDAR BEVEL SIDING**  
**CEDAR BUNGALOW SIDING**

**Shull Lumber & Shingle Co. Limited**  
New Westminster B. C.  
Trade Mark  
**RED BAND SHINGLES**  
XXX XXXXX Stars Clears  
From Mill to You

If you want a market  
for B. C. Red Cedar  
Shingles put an advertisement on this page.

**Northern Pacific Logging Co. Ltd.**  
Port Moody, B.C.  
Manufacturers of  
**High Grade  
Red Cedar Shingles**





**QUALITY****SERVICE**

Get exactly what you want when you want it from our complete stock. We can make quick delivery on any kind, thickness or grade of hardwood.

**The Kinnon Lumber Company Ltd.**  
454 King Street, West - TORONTO

**JAMES C. McCUAIG & CO.**

**Lumber, Logs, Telephone,  
Telegraph Poles  
Railway Ties, Pulpwood**

Room 302, Jackson Building  
**OTTAWA - ONTARIO**

CABLE ADDRESS:  
"LUMBEROLL"

Codes:  
A B C 5th EDITION  
ZEBRA CODE 3rd EDITION

*The*  
**Rolland  
Lumber Co.**  
LIMITED

**WHITE PINE AND SPRUCE**

Export and Domestic

**62 St. James St. Montreal, Canada**

**FRASER BRYSON  
LUMBER CO., Limited**

Office : Fraser Building,  
53 Queen Street - OTTAWA, Can.

*Wholesale Lumber Dealers  
and Selling Agents for*

**FRASER & CO.**  
Manufacturers

**White Pine, Red Pine,  
Spruce, Hardwood  
Lumber and Lath**

**R. Imrie Lumber Company**

18 Toronto Street, Toronto

Phone Adelaide 580

**Here's What You Want!!!!**

2 x 4—9/10/16 5th & Btr., Spruce and Jack Pine.  
2 x 5 & up—9/10/16—5th & Btr., Spruce and Jack Pine.  
2 x 4—9/10/16—Sound Wormy Spruce and Jack Pine.  
2 x 5 & up—9/10/16—Sound Wormy Spruce and Jack Pine.  
1 x 4 & up 5th & Btr., Spruce and Jack Pine.  
Mill Run White Pine in 2" and 1".  
Mill Run Red Pine in 8 x 8, 3 x 8 and 2" and 1".  
Jack Pine Mills sawing early in December—Can cut to order.

PRICES ON COAST AND MOUNTAIN STOCKS ON REQUEST

**The Leigh Lumber Co.**

33 Richmond St. West

Toronto

Dry Stock for February Shipment

75,000 4/4, 6/4 and 8/4 Birch 3 Com. and Better.  
30,000 4/4 Basswood 3 Com. and Better.  
150,000 4/4, 8/4 Hemlock, log run.

Green Stock Winter Cut 1923

100,000 ft. 4/4, 6/4 and 8/4 Maple.  
75,000 ft. 4/4, 6/4, 8/4, 10/4 Birch.



# SCOTT, DRAPER & COMPANY

11 SAULT AU MATELOT STREET, QUEBEC.

## PULPWOOD, LUMBER AND TIES

LET US KNOW YOUR REQUIREMENTS

WRITE, WIRE, OR PHONE

### WILSON BROS.

Wholesale Lumber

WOODSTOCK - ONTARIO

All kinds of Sawn Lumber  
Your enquiries solicited.

We are open to consider offers on cuts of Jack Pine, Spruce, Hemlock and White Pine. Also standing Rock Elm.

### The Extra Quality Means Added Sales

Write for Our Quotations to-day on—

**B.C. FIR, SPRUCE, PINE LATH,  
SHINGLES AND HARDWOODS**

**DOUGLAS A. STALKER**

122 Wellington Street

Sherbrooke

### Dry Stock for Immediate Shipment

4/4 6/4 8/4 Beech	4/4 8/4 Basswood
4/4 8/4 H. & S. Maple	4/4 8/4 Oak
4/4 8/4 B. & W. Ash	4/4 6/4 8/4 Sound Chestnut
4/4 8/4 Elm	

Mill now running. Can cut bills to order. Cordwood and slabs for sale.

Write for particulars and prices.

**McClung, McLellan & Berry**  
Kinglake, Ontario

Mills now sawing

Spruce and Jack Pine  
also Lath

*Let us have your enquiries.*

**Greig-Morris Limited**  
411 Manning Chambers, Toronto



Mills: Laterriere, Que., and  
Charlevoix Dist., Que.

MANUFACTURERS—EXPORTERS—WHOLESALE

## Spoolwood, Pulpwood and Lumber

82 St. Peter Street, Quebec, P. Q.



# Black Rock Lumber Company

Wholesale PINE



and HARDWOOD

421-423 FIDELITY BUILDING

BUFFALO, N. Y.

## TEN TEST SOLID FIBRE BOARD

The increasing use of Ten Test Solid Fibre Board only serves to prove its superiority as a building material. For interior and exterior work of all kinds it is making good our most optimistic claims. Ten Test Fibre Board is thick and elastic with no resemblance to the thin wall boards being offered the public. Are you profiting by its sale? There is good business waiting for all dealers who carry and recommend it.

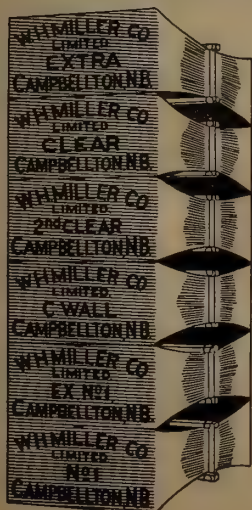


Write Today  
for our  
**FREE BOOKLET**

"What, Why and How to Build  
with Ten Test Solid Fibre Board."

Ten Test Solid Fibre Board combines all the most desirable features a building material can possess. It is proof against water, weather, heat cold and sound. For exterior work it lends itself admirably to many artistic Stucco Finishes that will not crack or chip. For interiors it makes solid, flat, sanitary walls. If you are not already familiar with its use, get particulars and place yourself in line for liberal dealer profits.

Manufactured by **MANLEY CHEW, PENETANG, Ontario**



### *Get the Habit*

of always keeping a stock of these New Brunswick White Cedar Shingles in your yard. Their quick turnover and generous profit make them a very desirable product for you to handle.

Quick delivery by rail or water. Get our quotations also on Spruce and Pine Lumber, Lath, Cedar Ties, Etc.

**W. H. MILLER CO., LTD. Campbellton, N.B.**





## SATISFIED CUSTOMERS

In looking over our records for the year that has just passed there is to us a wealth of satisfaction to note the number of REPEAT ORDERS and the letters of appreciation from SATISFIED Customers—customers who have been with us for many years.

The reason for this good feeling towards us is that we take a personal interest in every enquiry and order received, we endeavor to learn the buyer's individual requirements so as to render him the maximum service, together with the best price, the finest quality and delivery when wanted.

To those who have not entrusted us with an order for British Columbia Lumber we would appreciate an opportunity to demonstrate our ability to give satisfactory service.

## APEX LUMBER COMPANY, LTD.

Ontario Representative : J. D. Robinson 225 Hall Avenue,  
Windsor, Ont.

Vancouver, B.C.

## Sawn Lumber of the Better Kind

*Manufactured in Modern Mills  
by Men Who Know How*

**BUY FROM THE MILL AND SAVE**

You get satisfaction, prompt and  
careful service when you buy our

**SPRUCE AND PINE LUMBER, LATH  
SHINGLES AND RAILWAY TIES**

## Gloucester Lumber & Trading Co.

BATHURST, N. B.



# WHITE PINE

All  
Grades and Sizes  
**30**  
Million Feet

In Stock

For Immediate Shipment

Stocks at  
Pakesley  
and  
Victoria Harbour

*Write for Quotations*

**SCHROEDER  
MILLS AND TIMBER CO.**

Frank J. Archibald, Sales Representative  
Room 305 Stair Bldg. 123 Bay St., Toronto, Ont.

ESTABLISHED 1898

INCORPORATED 1916

**ROBERT BURY  
& COMPANY**  
(CANADA), LIMITED  
1 Spadina Avenue Toronto

Our Dry Kilns have a capacity for drying 200,000 feet per month. We will dry your transit cars.

All Canadian and American  
Hardwoods  
**MAHOGANY  
WALNUT  
VENEERS AND PANELS**  
of every description

## *THIS WEEK'S SPECIALS*

100 M' 2", 3" and 4", Clear B.C. Spruce.  
200 M' Mahogany all thicknesses and grades.

## VENEERS

MAHOGANY, OAK, WALNUT, GUM,  
BIRCH, BASSWOOD, ASH, MAPLE, and ELM  
Log run or cut to dimension

## PANELS

BIRCH, BASSWOOD, ASH, MAPLE, ELM, FIR,  
MAHOGANY, WALNUT, OAK and COTTONWOOD

**We Specialize in Mixed Ship-  
ments of Dry Hardwoods,  
Veneers and Panels**

*This is a good time to conserve your cap-  
ital by making purchases in  
this manner*



# —ANNOUNCEMENT—

ALBERT E. Gordon, formerly Vice-President of Terry & Gordon Limited, wishes to announce his withdrawal from that Company and the establishment of

## "The A. E. Gordon Lumber Company"

**Wholesalers and Exporters  
of all Canadian Softwoods**

with an almost complete stock of lumber, lath and shingles on hand at reasonable prices.

The aim of the new company is to render to the trade generally a more improved service than has hitherto been possible.

## The A. E. GORDON LUMBER CO.

705-6 CONFEDERATION LIFE BUILDING  
TORONTO, ONT.

Mr. A. E. Gordon also takes this opportunity of extending to all his patrons and friends his sincere wishes for

**A Happy  
and Prosperous  
NEW YEAR**

and thanks them for their many past favors.



## The Spanish River Lumber Co. Limited

**LUMBER MANUFACTURERS** **CUTLER, ONTARIO**

**WHITE PINE,  
NORWAY PINE,  
HEMLOCK**

**Shipments  
by Rail  
or Water**



# ATLANTIC-PACIFIC LUMBER COMPANY

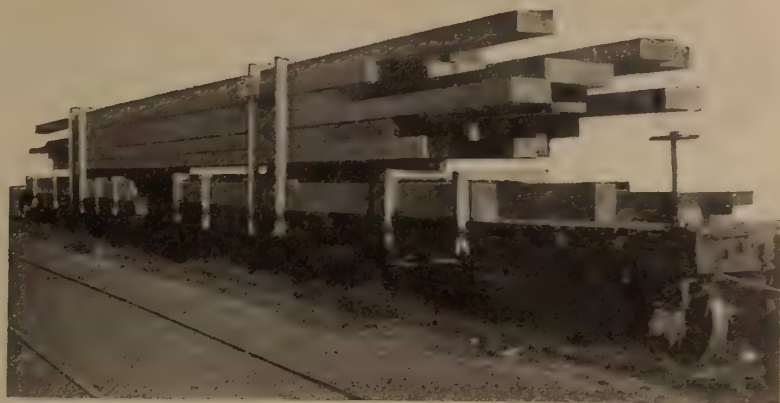
715 Pacific Building, VANCOUVER, B. C.

Now Specializing in

**B. C. Lumber and Shingles  
Red Cedar Poles  
Cedar and Fir Piling**

Operating Camps on the Pacific Great Eastern  
Ry. in the heart of the Finest Pole and Pile  
Timber on the Pacific Coast

*Good Shipments, Right Prices. Wire or Write.*



## Let us Serve You!

**Long Timbers  
Deep and Heavy Joists  
Special Industrial Items**

**Rough—any size up to 110' long,  
S4S up to 16x20 x 100'**

**Timberland Lumber Co., Limited  
New Westminster, B. C.**

Mills: South Westminster—Logging Camps: Ladysmith, Vancouver Island.  
Shipments over all railways.

**FIR SPRUCE  
PINE**



**CEDAR LATH  
LUMBER**

Manufactured by

**Adams River Lumber Company Ltd.**  
**MILLS AT CHASE, B. C.**

We can make prompt delivery on any of these products for there is 25 million feet in pile. All stock is extra dry, perfectly manufactured and liberally graded. Orders filled in straight or as-sorted cars. Write, wire or phone for quotations on your requirements.

**J. T. Todd, Eastern Manager**

1303 Bank of Hamilton Bldg. Toronto

Phone Main 4425





G

G

## A Big Year Lies ahead for the Progressive Dealer

FOR the dealer who buys wisely, obtaining good values and a high standard of quality in the more saleable types of lumber, 1923 will be a big year. In placing his requirements he should not overlook the offerings of G. A. Grier & Sons, Ltd., who specialize in just the class of lumber that will help him most.

As manufacturers and wholesalers, we are in complete control of the product throughout all the stages of manufacture from the standing timber to the finished product. The highest standards are therefore maintained.

Let us quote prices on any of the following:

**Pine**  
**Spruce**  
**Hemlock**  
**Hardwoods**  
**Hardwood Flooring**  
**Lath**

# G. A. GRIER & SONS LIMITED

Head Office: 1112 Notre Dame St. West  
**MONTREAL**

22 Royal Bank Chambers, 454 King St. West  
**TORONTO**

*Established 1871*

*We have absolutely no connection with or interest in any other firm bearing a name similar to ours.*

G

G



# Anderson, Shreiner & Mawson

ALL KINDS OF HARDWOOD AND SOFTWOOD  
LUMBER

*Specialties*  
BIRCH AND MAPLE  
All Thicknesses

ROOM 411, COLONIAL BLDG.  
13 KING ST. WEST, TORONTO

MILLS AT  
KING LAKE and EAGLE LAKE, ONT.

Write or Wire Us, or Phone Adelaide 8085

## *Canadian Tie and Lumber Co.*

LIMITED

511 Temple Building,  
Toronto, Ontario

Phone Main 1151.

Cutting Capacity 300,000 Ft. per Day

# McFADDEN & MALLOY

Red & White Pine **LUMBER** In Any Quantities

The above is supplied by us in all standard grades and dimensions. All lumber is of guaranteed quality and grade as ordered. Our location and facilities enable us to give our

patrons the utmost in service and prompt shipments. Let us quote on your requirements. You will find our prices right, and our product satisfactory.

Mills at: - SPRAGGE, ONT. & BLIND RIVER, ONT.



**International Land & Lumber  
Company Limited**

**LUMBER**

AND

**RAILWAY TIES**

Limits and Mills: ST. FELICIEN, LAKE ST. JOHN DISTRICT, QUEBEC

**"Yes, I have it.**

No. 1 Hemlock—Longford Stock.

M. R. Hemlock—No. 1 Spruce at Kearney, Ontario.

Also, nice assorted stock of Pine.

**MILLMEN:—**

We are always in the market to buy cuts of Hemlock, Spruce and Pine."

**ARTHUR N. DUDLEY**

Manufacturer and Wholesaler

108-109 Stair Building,

TORONTO, ONT.

TELEPHONE MAIN 6368

**Thompson Heyland Lumber Co.**

123 Bay Street - - - Toronto

For Sale

Everything in Dry Hemlock Lumber.

500 M. 1 x 4 x 5 x 6 in choice Merchantable Spruce.

Wanted to buy

2 million feet Spruce, Jack Pine and Hemlock for spring delivery.

10,000 cords of Spruce and Balsam, peeled pulpwood.

10,000 cords peeled poplar.

50 M. Ties in Cedar, Hemlock and Jack Pine.

Will make the necessary advances.

**George Burchill & Sons**

*Manufacturers of*

**Spruce and Pine Lumber**

**Laths, Shingles, Nail Keg Staves**

ALSO

**Planing and Dressing Mill**

**Sash and Door Factory**

**Mouldings, Etc.**

A quantity of uncrozed nail keg staves in good shipping condition on hand

**South Nelson - Miramichi - New Brunswick**

**THE McCORMACK LUMBER CO**

Bank of Toronto Building

HAMILTON, Canada

We are in the market for and would like to get prices on stocks of—

**Jack Pine**

**Spruce**

**Hemlock**

**Lath**

Wire or Write us.

**Dry Hemlock, Spruce and Pine**

In all dimensions

1920-1921-1922 cut

Ontario and Quebec stock

**TIES AND PILINGS**

Also PINE, SPRUCE and HEMLOCK LATH

*All for immediate shipment.*

**Big Bear Lumber Company**

Telephones Main 651-1218-1219.

Suite 208 Excelsior Life Building, Toronto, Ont.



# BRITISH COLUMBIA WESTERN HEMLOCK O.K.

## Ask the Man Who Has Used It

The proof of the value of wood is in the service obtained therefrom.

Lumber dealers and their customers are getting to like BRITISH COLUMBIA WESTERN HEMLOCK better the more they deal in it or use it.

It is not a hardwood but is possessed of a grain that is externally beautiful. It takes a high polish, is free from pitch and "shakes" and possesses great strength.

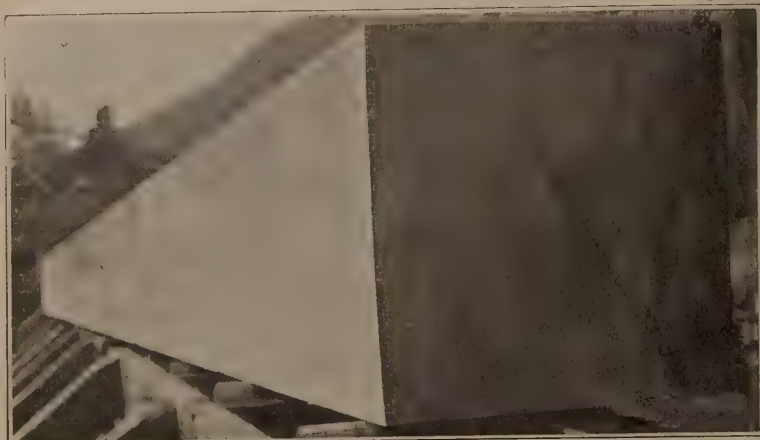
Don't wait until all your competitors have established a reputation for handling BRITISH COLUMBIA WESTERN HEMLOCK.

We'll be glad to send you BRITISH COLUMBIA WESTERN HEMLOCK in mixed carloads along with our other BIG CHIEF Brand Specialties, British Columbia Red Cedar Shingles, and Cedar and Fir lumber in all sizes known to high-class manufacture.

## VANCOUVER LUMBER CO., LIMITED, Vancouver, B.C.

Branch Sales Offices at Toronto, Ont., Winnipeg, Man., Chicago, Ill.





35x35 - 82 ft. long Fir Timber

## OUR SPECIALTIES:

## Long Fir Timber Planking Decking

Cutting orders for 2" in long lengths either Common or Clear (obtained as side cut).

Planer capacity 6" x 30". We do not operate dry kiln, but can arrange to air-dry in our yard to requirements.

Our Mill is on Canadian Pacific Railway with Rail Connection (Five Miles) to Tidewater on Alberni Canal, Navigable for all Vessels.

### BAINBRIDGE LUMBER CO. Limited

Cable Address: Bainbridge, B.C. Telephone and Postal Service at Bainbridge  
Bainbridge Lumber, Victoria Sales Office: 421 Pemberton Building, Victoria, B. C.



View of our recently rebuilt modern planing mill.

## BUY B.C. FIR and HEMLOCK

We solicit correspondence and inquiries from

### THE EASTERN CANADIAN TRADE

For fir yard stock, B. C. or Hemlock Shiplap and Boards, timbers any size and length up to 90 feet.

We also specialize in mixed cars of high-grade fir uppers and mouldings and are also manufacturers of fir doors.

Robertson & Hackett Sawmills, Ltd.

Established 1888

Mills and Office: FALSE CREEK, VANCOUVER, B.C.

## British Columbia Lumber

*"Manufactured in Modern Mills"*

Quality Lumber in all Grades and Sizes

### Specialites:—

Fir Cross Arms

Spruce Box Shooks

Klin Dried Finish & Flooring

Rail Shipments to all parts of Canada  
and United States

### Cameron Lumber Co., Ltd.

Office & Mills - VICTORIA, B. C.

# Thurston-Flavelle, Limited

MANUFACTURERS OF

## British Columbia Red Cedar Exclusively Cedar Bevel Siding, Finish, V-Joint and Mouldings

Our Shingles are all Packed by the 'Thousand'

Straight or mixed cars with XXX and XXXXX Shingles.

Stocks carried at Lindsay, Ont., for quick shipment

Ontario Agents:

Gull River Lumber Co., Ltd., Lindsay, Ont.

Quebec and Maritime Provinces Agents:

Rose-McLaurin Limited, 2 Toronto St., Toronto.

Full particulars from our Eastern Agents.

Head Office and Mills, Port Moody, B. C.



# C. A. LARKIN COMPANY

## WHOLESALE LUMBER MERCHANTS

229 Confederation Life Building  
TORONTO, ONT.

### Lumber and Lath For Sale

**Spruce, Hemlock, Pine and Hardwood Lumber** manufactured to order Also random stocks on hand.

Get our prices on both lumber and laths, cargo or car lots.

**Musgrave & Company Limited**

Eastern Trust Bldg.

Halifax, N.S.

### The Stamp of Approval

has already been placed on the new suite of rooms, tastefully done in Douglas Fir, Western Hemlock, Red Cedar, Western White Pine, Cottonwood and Larch

at 51 Yonge Street,

Architects and home builders are delighted with effects produced with exclusively Canadian woods.

It is an exhibit which should be seen by every progressive lumberman.

**British Columbia Lumber Commissioner**

51 Yonge St.

Toronto

### Gregertsen Brothers Co.

McCormick Building  
Chicago, Ill.

Yards and Planing Mill at Cairo, Ill. where we carry four million feet of high grade Cypress for quick shipment.

*We are the Cypress Specialists*

### Planing Mill Stock

## CYPRESS

Soft, Dry Stock, Finest Grades—  
All Thicknesses— 4/4, 5/4, 6/4, 8/4, 10/4, 12/4

### Yellow Pine Finish

Kiln Dried, Soft, Short Leaf Kind

Stock Widths  $\left. \begin{matrix} 4/4 \\ 5/4 \\ 6/4 \\ 8/4 \end{matrix} \right\}$  by 4", 6", 8", 10", 12"

Also OAK, ASH, POPLAR, GUM

**WISTAR, UNDERHILL & NIXON**

Real Estate Trust Bldg., Philadelphia, Pa.

# Power Lumber Company Limited

Successors to River Ouelle Pulp & Lumber Co.

*Manufacturers of*

# SPRUCE

**Lumber Lath Pulpwood**

*Head Office and Mills at:*

**St. Pacome, Que., Canada**

On Can. Nat. Ry. 75 Miles East  
of Quebec City

*Also Mills at:*

**Lapointe, Riv. Manie, Powerville  
and Ste. Apolline**

On Edmunston Div.—Can. Nat. Rys.



# Mason, Gordon & Co., Limited

80 St. Francois Xavier St.

(Wholesale Only)

Montreal, Que.

British Columbia Products

White Pine and Quebec Spruce, Fir Doors

(Carload Lots)

Vancouver Office:

Pacific Building

Hubert C. Gordon  
Representative

Exclusive Representatives

Quebec and Maritime Provinces

B.C. Mills, Timber & Trading Co.  
Vancouver, B. C.

## MUIR & KIRKPATRICK

1325-6-7 BANK OF HAMILTON BLDG.

TORONTO, CANADA

WHITE PINE, JACK PINE, RED PINE, SPRUCE, LUMBER & LATH

MANUFACTURERS AND WHOLESALE SHIPPERS

## BALED SHAVINGS

CAR LOTS

W. C. EDWARDS & Co., Limited

OTTAWA

-:-

CANADA



# DRY LUMBER

## For Immediate Shipment

*Special outs of good White Pine Sidings*

18,000' —1x4/6"

15,000' —1"x7" & up—12/16'

19,000' —1 1/4"x7" & up—12/16'

28,000' —1 1/2"x7" & up—12/16'

24,000' —2"x7" & up—12/16'

*Send us your inquiries.*

For personal service, close prices, and prompt shipment,

WRITE

# J. C. BARTRAM

JACKSON BLDG.,

OTTAWA

President:  
Sir William Price

Established  
1882

Vice-Pres. and Gen'l Manager  
Alfred S. Gravel

# SPRUCE

and

# Hardwood

If its good **Quebec Spruce** you want we have it ready for prompt shipment.

Mail us your inquiries.

We also specialize in **Hardwood Flooring.**

## The Gravel Lumber Co., Ltd.

MANUFACTURERS and WHOLESALERS

Mills and Head Office

Etchemin Bridge,  
Quebec

Selling Office:

Room 501 Drummond Bldg.,  
Montreal



## We Want to Buy

# WINTER CUT

## HEMLOCK

## Jack Pine

## Spruce

## LINTON LUMBER COMPANY

306 Kent Building

Toronto

Phone: Adelaide 3607

## Dry White Pine

At Ottawa, 1921 Cut

175,000 ft. 1 x 4 Mill Run White Pine.

35,000 " 1 x 5 " " " "

90,000 " 1 x 6 " " " "

30,000 " 1 x 8 " " " "

15,000 " 1 x 10 " " " "

15,000 " 1 x 12 " " " "

200,000 " 1 x 8/up No. 1 White Pine Culls.

At Gogama, 1922 Cut

50,000 ft. 2 x 6 Mill Run White Pine.

200,000 " 2 x 8 " " " "

250,000 " 2 x 10 " " " "

250,000 " 2 x 12 " " " "

## The Long Lumber Company

TORONTO OFFICE: - - - HEAD OFFICE:

25 Toronto Street - - -

Hamilton, Ont.



**TIMBER**Send us your enquiries on

OAK

WANEY PINE

ELM

BIRCH

**DEALS**

WHITE PINE

BIRCH

RED PINE

SPRUCE

**W. & J. SHARPLES, LIMITED***Established 1818*

Head Office: Union Bank Building, Quebec

Branch: Transportation Building, Montreal

**GET THE BEST**

↓  
IT  
WILL  
PAY  
YOU

OLIVER White Pine and Hard-  
woods add a zip to sales and send  
your prestige stock soaring.

*Get quotations today***The Oliver Lumber Co.**

OF TORONTO LIMITED

6 King St. West

TORONTO

LUMBER OF ALL KINDS**SANTERRE**

AND

**PINEAU****Rimouski, Quebec**Manufacturers and Wholesalers of Lumber

Quality Service, and Delivery Guaranteed

MILLING IN TRANSIT A SPECIALTY**GILLIES BROS., LTD.**

BRAESIDE

ONTARIO

**WHITE PINE**

RED PINE

SPRUCE

*Dry Stock**Well Sawn**Prompt Shipment***Charles O. Maus Lumber Co.**

South Bend, Ind., U.S.A.

**SOUTHERN AND NORTHERN  
HARDWOODS**

Red Gum (plain or quartered)	Sap Gum (plain or quarter cut.)	Oak	Ash	Maple
Birch	Southern Elm	Cottonwood	Cypress	
Tupelo	Poplar	Walnut	Mahogany	

HIGH GRADES— When you think of lumber, think of us —SERVICE

*Now is the time to buy*



## Manufacturers and Wholesalers of Canadian Hardwood and Softwood Lumber

Specializing in Rock Elm, and Oak Ship Timber. Hard Maple, Birch, Soft Elm and Basswood Lumber. We also handle B.C. Fir and Pine in all thicknesses and grades.

To mill men:

We will buy your full cut of Lumber.

Heavy Portable Sawmill with Power and Camp Equipment for sale. Terms arranged.

**HALL BROS., LIMITED** - 300 Crown Office Bldg.  
TORONTO

Write

Phone Main 2806  
Phone

or Wire



*"Lumber at first cost"*

## A. A. Sutherland Lumber Co. LIMITED Oxford, N.S.

*Specialty made of dimension lumber any length up to 30 ft.*

**SPRUCE HEMLOCK  
HARDWOODS**

**BEECH, MAPLE and BIRCH**

*High quality lumber, liberal grading, conscientious service  
and prompt shipment*

LET US QUOTE ON YOUR LUMBER REQUIREMENTS

## Story Lumber Co., Ltd. Wholesale Lumber Dealers

Pine Spruce Hemlock Hardwood

Head Office: 701-703 Hope Chambers,  
Ottawa, Canada

Branch Office: 30 St. John Street, Montreal, Que.

Cable Address  
'BENLUMCO'

Codes used  
ABC 5th Western Union  
Universal

## Bennett Lumber Co., Limited Manufacturers and Exporters

**Spruce, Pine and Hardwood  
Lumber**

**American Hardwoods & Mahogany**  
11 St. Sacrament St. MONTREAL, P.Q.

**EVERYTHING IN  
Lumber, Lath, Shingles, Ties,  
Posts, Sash, Frames, Doors,  
Mouldings, etc.**

*Dressing and matching in Transit*

**The John Carew Lumber Co. Ltd.**  
Lindsay, Ont.

## New Ontario Colonization Co., Ltd. MANUFACTURERS

**SPRUCE AND JACK PINE**

**Tamarack  
Poplar**

**Rossed Pulpwood  
Lath**

**Sales Office: BUFFALO, N. Y.**  
503 Niagara Life Bldg.

**Mills: JACKSONBORO, ONT.**  
Transcont. Div. Can. Nat. Rys.



# SIMONDS

## MANUFACTURING COMPANY'S PLANNER KNIVES



ESTABLISHED  
1832

Will cut two or three times as long on hardwood or hard work. The Simonds Welded High Speed Steel Knife is a new knife. Made by a new process and successful in every respect. It has a cutting edge of High Speed Steel Welded to a soft backing. When we say "Welded" we mean just that—not brazed as has heretofore been the method in making Carbon Steel Knives. This knife promises to be a big money and time saver for knife users. There is no change in machines required to run this knife. Simonds High Speed Steel Knife will last from three to five times longer than the ordinary Carbon Steel Thick Knife.

*Investigate this knife. Write today*

### Simonds Canada Saw Co., Ltd.

St. John, N.B.

MONTREAL, QUE.

Vancouver, B.C.

**The Lumber Men Who Buy Clark Sawmill Machinery in  
Canada are Men Whose Judgment is Dependable—  
Ask Some of Our Customers Their Opinion**

Gillies Brothers, Ltd., - Braeside, Ontario  
Fassett Lumber Co., - Fassett, Quebec  
J. B. Snowball Co. Ltd., - Chatham, N.B.  
Finch-Pruyn & Co., - Laurier, Quebec  
Brown Corporation - La Tuque, Quebec  
A Joly de Lotbiniere - Leclercville, Quebec  
Shepard & Morse Lumber Co. - Gaspé, Quebec  
Donald Fraser & Sons - Edmundston, N.B.  
Keenan Brothers - Owen Sound, Ontario  
Saguenay Lumber Co., - Escoumains, Quebec

F. & M. Lumber Co. - Escourt, Quebec  
Red Fir Lumber Co., - Vancouver, B.C.  
North Pacific Lumber Co., - Barnet, B.C.  
Ocean Falls Co. Ltd., - Ocean Falls, B.C.  
Alberta Lumber Co., - Vancouver, B.C.  
Rat Portage Lumber Co., - Vancouver, B.C.  
St. Lawrence Pulp & Lbr. Co., Grand Pabos, Que.  
Pugh & Livingston - Dorr, B.C.  
Dominion Sawmills - Taft, B.C.  
Bathurst Lumber Co., - Bathurst, N.B.  
British Canadian Lbr. Co., - Vancouver, B.C.

## CLARK BROS. CO.

Complete Sawmill Engineers and Builders

OLEAN, NEW YORK

Pacific Coast—Colby Steel & Engineering Co.

Seattle, Washington



One of America's greatest manufacturing plants devoted exclusively to the building of saw mill machinery



Pioneer and Leader  
in the Industry

## Canada Lumberman

founded 1880

Recognized Authority  
for Forty Years

Vol. 43

Toronto, January 1, 1923

No. 1

## New Year Sees Expanding Trade in Lumber Line

**Leading Lumbermen Speak Optimistically of Outlook—  
Stocks in Mill Yards are Lower Than Year Ago—  
Winter Cut is Being Increased and Markets  
are Steadily Improving**

January is a month of interest to lumbermen in that it is generally regarded as a convention period and a time for sizing up prospects and production for the coming year. Inventories are finished early in the month and then comes a transition for a few weeks during which alert exponents of the trade generally make it a point to be present at local district, provincial or other gatherings to discuss matters for the coming twelve months and get a line on how their competitors solve the problems that arise from time to time.

The Ontario Retail Lumber Dealers' Association will hold its annual convention in the Prince Edward Hotel, Windsor, Wednesday, Thursday and Friday, January 24th, 25th and 26th, while the members of the Canadian Lumbermen's Association will foregather at the new Mount Royal Hotel, Montreal, on Wednesday and Thursday, January 24th and 25th. At both of these conclaves trade prospects will be reviewed and the situation canvassed so far as the future is concerned.

There is no doubt that the year just closed has been one of greater volume and increased values than the previous twelve months. This especially applies to softwoods for which a splendid demand sprang up owing to the continued structural activity, the home and store building campaigns in the larger centres gaining an impetus such as they had not done in years.

Hardwoods were generally quiet until the fall months when a revival of activity began to be felt and inquiries for stock were, in numerous instances, translated into sales. According to reliable reports received by the "Canada Lumberman" from various centres, there is today much less lumber in the mill yards than there was a year ago. Stocks are in fewer hands and are being shipped rapidly.

What does the horoscope for 1923 reveal? Will prices be higher; how much greater will be production? Will the cost of logging be increased? What will the labor condition be? Will there be a scarcity of stock, etc.? These are vital topics and of particular concern at this juncture.

In order to gain first hand information, the "Canada Lumberman" recently obtained opinions from representative concerns in various parts of Canada. It is well occasionally to let others speak, as those, who are in the forefront, know exactly what the state of affairs is from day to day and week to week.

Here is what leading representatives say:—

### Stocks Lower—Demand More Active

Austin & Nicholson, Chapleau, Ont.—Our opinion is that stocks of lumber in mill yards are much lower at present than they were a year ago and we find the demand much more active. In our own case, although we produced more lumber in 1922 than in 1921 we have not nearly so much to offer today and it looks to us as though there would be some stiffening in prices.

Shevlin-Clarke Co., Fort Frances, Ont.—Our stock of lumber is approximately the same as we had on hand at this time a year ago. We anticipate that our inventory at the close of the year, however, will probably disclose in the neighborhood of seven or eight million less lumber than we had a year ago. Our logging costs we do not anticipate will be any higher this year than they were last year because we are still paying the same rate of wages. Supplies, if any-

thing, are a little bit lower than they were. The year 1923, at least the first six or eight months, should be one of considerable activity and with a good demand for lumber. From our knowledge of lumber in the West, we should say that stocks are very much depleted and this should mean, if anything, a corresponding advance in price.

Mickle, Dymment & Son, Barrie, Ont.—Judging from what we have been able to gather from reliable sources, there will undoubtedly be a shortage of lumber in Ontario next year, that is of stock now in the yards at the mills, and in consequence we anticipate a stiffening in prices. In regard to logging operations this winter, the cost will be greater than last winter on account of the increase of wages to competent bushmen. In our opinion there should be a normal activity in the building industry during 1923 on account of the scarcity of houses throughout the country.

### Cost of Logging is Higher

C. Beck Mfg. Co., Penetanguishene, Ont.—Our position is the same as most mills, and as we understand it, practically everything is sold and stocks are very low. The shipping has been very good, and we have moved more in November of this year than we have for some years. As for next year's conditions; one man's guess is as good as another's. We certainly do not know what will transpire.

Gillies Bros., Braeside, Ont.—We think it is generally true that the stocks of lumber on hand are less, in many cases decidedly less; than they were last year and also that the cost of operation this year is generally higher than last year, which should be reflected in the price of lumber in 1923. As to market conditions for 1923 we have nothing definite in this connection except our hopes that the market conditions will be such as to return us the increased cost of logging this season.

Shepard & Morse Lumber Co. Canada, Limited, Ottawa, Ont.—We have more lumber on hand than at the same time last year, and we believe that condition to prevail in most of the Ottawa Valley yards. Nevertheless, we do think that prices are going to advance some for 1923 and we are looking forward to a reasonable amount of steady business during that year. Lower grade lumber has already advanced in sympathy with the stiffening up of prices on spruce. We do not look for a very material advance in middle grade white pine, notwithstanding the fact that manufacturers should get a little more to cover costs of production which will be greater in the woods for the season of 1922-23 than it was in 1921-22.

### Men are not too Plentiful

Hocken Lumber Co., Espanola, Ont.—We have to-day less than 50% of what we had a year ago of dry stock on hand and our cut for 1923 will be at least two million feet less than 1922. The lumber demand is brisk, labor for the bush is scarce and consequently the costs of operation to-day is much in excess of last season with no immediate signs of it changing. With the bountiful harvest of the past season and the fine weather for building we are now having, coupled with the determination of the public to face all difficulties and the wheels of commerce revolving smoothly, we see no reason to be other than optimistic of the coming season.

A large firm operating in the North Bay district say that stocks in the mill yards are lower than this time last year as a whole in the north and Georgian Bay districts. So far as prices are concerned we may say that we have recently advanced prices, just as other lumber firms have, and it looks as if there may be further advances. May say that we find this true of almost all lines including hardwood, B. C. fir, spruce, etc. The cost of taking out stock this season will be somewhat higher than last on account of men being less plentiful than this time last year.

Victoria Harbor Lumber Co., Toronto, Ont.—Our stock is considerably lower than it was a year ago and a great deal more lumber has moved out of our yard. We find that the demand is steadily increasing and that No. 1 mill culls are now enjoying a larger call.



On the whole we believe stocks are scarce and the outlook for a good steady trade in the next year seems promising.

#### Still in Arrears on Orders

Chew Bros., Midland, Ont.—Our stock of lumber on hand is lower than a year ago, we have substantially increased our shipping force and still are in arrears with our orders. It would appear to us there may be a general shortage, and that a substantial advance in price is in prospect for the coming year. Re logging costs, while wage scale is higher than a year ago and men were scarce during early part of fall, we now have what we require, many lines of supplies cost less than last year and should offset to a great extent increase in cost of labor.

Fesserton Timber Co., Toronto, Ont.—We are pleased to say that we have found a considerable improvement in business this year over 1921, particularly in the latter part of the year. The better stocks seem to be getting very scarce. Spruce has shown a stiffening in price, and good Eastern stocks are becoming scarce, as the New England buyers are buying very heavily in the East, and that market seems to be considerably improved during the last few months. We expect that stocks will be short after the first of the year, and that prices will no doubt be higher. Everything points towards a good year for 1923, and we believe it will be a better year than 1922, as everyone seems optimistic throughout the lumber trade.

#### Coming Year Should be Good

Spanish River Lumber Co., Cutler, Ont.—While we have about fifteen million feet in our mill yards at present, it is all sold and some of it will be moved by rail this winter. We anticipate brisk shipping on the opening of navigation. We cannot inform you as to a possible shortage next spring in any particular width or thickness but we do anticipate a rise in price in all grades of pine. Logging costs will be higher this season than last owing to some advances in wages and less efficiency. Seventy five per cent of the men now in the woods are the dregs of labor of the two provinces. If the pine loggers of Ontario and Quebec do not soon adopt another plan of handling their labor, they will be reduced to a condition where logging will be impossible. In our opinion 1923 should be a pretty fair year for the lumber business, especially the first half.

Keenan Bros., Owen Sound, Ont.—The lumber situation at the present time is looking very well. There has been a lot of first class stock shipped out of this country, more than the consuming public dreams of, and we think there is going to be a shortage along certain lines, especially the first quality stocks. This winter's operations are going to be materially higher than last year's in cost, and it ought to be reflected in the price of lumber. We certainly think it will be and feel that we are on the verge of a few years of pretty fair business. 1923 is going to be a year of more than normal activity.

#### Two Inch Stock May be Scarce

Mageau Lumber Co., Field, Ont.—Our stock at present is being shipped out just as fast as it is in shipping condition; in fact we haven't got more than 1,500,000 feet in the yard now, out of a 4,000,000,000 feet cut, while at this time last year we had about 5,000,000 feet in the yard out of 6,000,000 feet of a cut. This shows that the market is much improved indeed, and there is no doubt in our mind that there will be a shortage in a number of widths and thicknesses by next spring. As to just where that shortage may be, it is difficult to say at this juncture, but it would seem that two inch stock might be scarce. As regards prospects for the next season, it would seem because of higher wages paid out to men in lumber camps that prices now prevailing ought to, at least, remain, and it would not be surprising to see a fair increase in a number of grades, particularly in the culls. Regarding car service, we really have no complaint. The C. N. R. has given us an adequate service.

#### What Quebec Producers Believe

Chaleurs Bay Mills, Restigouche, Que.—As far as our information goes the lumber stocks of all kinds is very much less than it was last year at this time especially the 3" that was shipped quite freely during season to Great Britain and other countries. We also understand that dry boards are scarce and, in fact, all stock in general and are of the opinion that prices will increase considerably during 1923. The cost of logging operations this year will be from 20 to 25% more than last year.

W. & J. Sharples, Limited, Quebec, Que.—We figure the stocks are quite ample for the usual demand that may come up in this district. There was no difficulty in shipping stocks out from here this season as there was sufficient tonnage always available for what we had to ship. Next season we will probably have a normal supply of wood goods but we are not looking for any great advance in

prices on this side. Should there be any, however, the export market will be slow to correspond to European competition.

#### Hopeful Survey of the Situation

Cardinal & Page, Montreal.—We are of the opinion that the stocks of lumber in the mill yards are lower this season than they were a year ago. The car situation, of course, has improved but it is still restricting shipments. Business lately has been fairly good. We think there will be a shortage in certain widths and thicknesses early next year which, in the ordinary way, should mean a higher market. Indications are that next year will be a very busy period and we look for a good market and profitable prices for the greater part of 1923.

#### Will Have to pay More at Mill

Rolland Lumber Co., Montreal.—The situation at the present time is that our stocks to be carried over during the Winter, are about 50% less than last year. On the other hand, our commitments towards the mill this year has been about 35% more than last year. Although our stocks consisted of mostly un-seasoned stock, which is lumber manufactured only during the current year, we have had no difficulty in disposing of it. Our opinion is that next year we will have to pay a little bit more for our lumber at the mill. We feel that this is going to put the lumber business back again, as an advance in prices at the mill, will greatly hinder the advancement and continuance of the present activities being experienced by the lumber business in general. We are afraid that higher quotations at the mill, just when every one is crying for reduction in price of general commodities, will cause sometime during the coming year, an unfortunate lull in the lumber trade; business becoming stagnant, a repetition of cut throat prices will start to appear on the market. Concerning the prospects for 1923, from advanced information received, our opinion is that we would enjoy some handsome business, but, of course, this will be greatly governed by the prices which we have to pay for our mill cuts. We are confident that if the present level of prices are maintained, next year, undoubtedly, would be a very good one.

#### Should be Normal Trade Activity

Roch Julien, Quebec, Que.—If we can base our judgment on the good demands that have come in during the past month and the better facilities of transportation, we would say that there will be a shortage in several lines of Quebec spruce and pine until the new cut comes on the market. We figure that the price will advance gradually as the logging costs for this season will be higher than last year. 1923 should be a year of normal activity in the lumber business.

Fassett Lumber Co., Fassett, Que.—The stock we are carrying at the present time is about 40% less than we were carrying a year ago. We believe that at the present time there is a shortage in a great many sizes in softwoods, and undoubtedly this shortage will be felt more by spring, with a tendency to higher prices. Our logging costs this year are increasing: we estimate around 25% over the preceding year. We look forward to 1923 as a year of normal activity and steady demand.

#### Wise Men in East Getting Ready

Wightman Lumber Co., Montreal, Que.—According to our opinion, all available stocks of Eastern Spruce, which is practically the only class of lumber we handle, are being picked up very rapidly by the various wholesalers. In spite of transportation difficulties, a large volume has moved out of the Eastern Provinces during the past few months. The result is that stocks of lumber in mill yards are about the lowest they have been for a number of years. The fact that prices on most items have shown some advance, is due to stocks getting scarce; and naturally the demand seems to increase, and while we look for firm prices for the coming months, we do not look for any great change. Logging costs no doubt will be slightly higher than in 1921 and 1922, due to increase in wages. On the other hand, supplies are cheaper and the stumpage in some cases has been reduced. Notwithstanding this, we feel that the law of supply and demand will govern prices as a general rule. We are not in position to say what 1923 will bring, but most of the wise men of the East are preparing to supply a normal quantity and hope for a steady demand.

The Fraser Companies, Edmundston, N. B.—In our opinion the stocks in this province are much below what they were last year. The cost of logging is considerably higher than it was in 1921-2. So far as prices are concerned, we do not wish to make any prophecies regarding the future.

J. B. Snowball Co., Limited, Chatham, N. B.—The lumber yards here certainly present a different appearance from what they



# THE LUMBER YARD AND FOREST IN PICTURE



Uniquely-trimmed trees adorning the lawn of  
W. J. Pendry, Victoria, B.C.



The famous monkey tree seen in the yard of  
W. J. Pendry, Victoria, B.C.



Piles of pulpwood logs ready to haul from the bush for  
Northern Ontario pulp plant



Pulpwood logs of the Spanish River Pulp & Paper Co., being taken  
by the log haul to the slasher at Espanola, Ont.



"Close-up" of the new Olsen universal testing machine for structural size timbers in Forest Products Laboratories at Vancouver



# Lumberman Tells of Overseas Trade

## W. Gerard Power Made Study of Conditions in Late Trip and Looks for Bigger Shipments

W. Gerard Power, president of W. & J. Sharples Co., Limited, and president of the Quebec Harbor Commission, who crossed to Europe in the early part of September last to visit the European agencies of his firm's lumber interests in the United Kingdom, returned to Quebec early in December after a three-months' absence abroad during which period he visited all the lumber centres of England, Ireland and Scotland, and also crossed over to France for a short trip. He did not spare himself in his business interests abroad; nevertheless he found time to be present at the banquet tendered at the Canadian Club to Sir Henry Thornton, president of the Canadian National Railways, and was much impressed with the high esteem in which Sir Henry is held by the business and official life in England. Naturally Mr. Power who is a keen observer, made a careful study of the lumber market of the United Kingdom, especially the prospects for the export from Canada of Canadian lumber in the summer of 1923.

In the course of an interview with the Quebec correspondent of the "Canada Lumberman" on his return, Mr. Power said: "I found great improvement generally in all avenues of business in England as well as Scotland and Belfast, where I spent ten days. All engineering departments are well booked with orders and shipping activities are improving. I cannot say as much for the British shipyards. They are all practically idle and I was grieved to see the big plant of Harland & Wolfe practically shut down for want of orders.

### Larger Importations of Lumber

"In regard to the lumber trade, I was filled with a spirit of optimism for its future but I would not like to build much on it for the present, for there are the many questions of the economic life in Europe to adjust and the rate of exchange. However, the bulk of the old British Government war stocks in wood has been disposed of and the general trend points towards larger importations of timber to the whole of the United Kingdom. Values may not be as large as in pre-war days, owing to buyers buying in a small way in quantities. This is an uncertainty that is brought about by the feeling that prices may become lower in the future.

"Meanwhile Canada has to keep constantly in mind Scandinavian competition, and to meet it must keep up a uniformity in manufacture and grading. Swedish and Finnish stocks are good. Russia is also now getting out good stock and there is now considerable wood coming from that country and is likely to increase in volume. Of course, values are not to be compared with those in pre-war days. Canada is not taken into preferable consideration. Inspection, of course, at all times prevails. Poor stuff will only pay a low price, and in order to get a fair figure the goods have got to be A1. As long as we can guarantee a certain grade of wood, we will obtain a fair quotation and a fair share of the business in the United Kingdom. The question is, however, will English prices advance in English markets as well as in American markets? The Canadian trade may be able to secure better prices in the American markets.

"There is no limit to the export possibilities from Scandinavian countries. The biggest shippers whom I met in England of Scandinavian wood informed me that they can go on indefinitely shipping to the United Kingdom at the present price rate they are receiving. They have told me that the cost of labor has gone down in their countries to such an extent as to give them profit on their sales and that the prices, which they are obtaining in the United Kingdom and on the Continent, are yielding to them a fair profit.

"The Finnish mark is going up but this is a setback. The rise in the Finnish mark will help the Canadian trade and likewise help the Swedish trade as the mark of the latter is over par.

### Cheaper Transportation Rates Needed

"I have had friendly conferences with ship owners about the reduction of ocean freight rates on Canadian lumber. We spoke together in a general way but, of course, I took occasion to make it plain that the charges were too high and that it would be a mutual benefit if the freight rates on the export business from Canada were cheaper. At the same time I endeavored to convince them that the present levies were proportionately high and curtailed shipment. I was gratified to hear from the interests with whom I discussed the question, that the cost of operating ships were lowering and that there were prospects of lower rates next year."

Mr. Power went on to tell that he had visited establishments in the United Kingdom where lumber was remanufactured, and after seeing these plants and their equipment, said he was given a

surprise to witness how they could take a three-inch deal and slit it into thin planks. In watching this process is struck him how careful the Canadian trade should be in the choice of lumber exported to England, and would take the liberty to tender the advice that the shipment of Canadian deals to the United Kingdom should be all uniform in size and sound. He said that, owing to the bulk of this lumber going to the other side, it should be carefully inspected and its uniformity particularly noticed as to its thickness and width and freedom from knots. "If this precautionary inspection was taken," said Mr. Power, "it would greatly enhance the value of Canadian lumber and assist the trade with the United Kingdom."

### England Desires No More War

Speaking of political conditions in England, Mr. Power said they had greatly quieted down since the general election. The people appreciate the great work done by Lloyd George during the war and would ever hold him in esteem, but as England wanted peace and an adjustment of trade and industry, they desired the disappearance of the late Prime Minister because they believed that he was likely to immerse the country in another war. The populace of the United Kingdom, regardless of class or age, would not hear of another war and did not believe that Germany wanted any more strife. As for the Near East question, the English public looked for a settlement and had every confidence that Lord Curzon would bring this to a successful issue.

"The greatest cause for alarm in England," said Mr. Power, "is the rate of exchange which is killing business in all countries, and the people feel that when this economic question is settled, the world will return to normal, but not before. "However," said Mr. Power, "I have returned to Canada convinced that Canada's trade relations with the United Kingdom will go on improving, and as for the lumber trade, I do expect that we will do better next year. At the same time we must not forget to cultivate the home and the American market, especially the latter, and should the United States come into a conference with the European powers to settle the complex questions, (as I am led to believe by Americans whom I met abroad,) it will greatly facilitate all economic as well as political questions and help the world to come back to its proper aegis."

### Extend Trade in B.C. Forest Products

L. C. Walker, of the Forests Products Market Extension Bureau, of Vancouver, B. C., is spending some time in Eastern Canada in the interests of trade extension and developing openings for Coast products particularly in fir and hemlock.

Mr. Walker was formerly sales manager of the Whalen Pulp & Paper Co. and previous to that was with the Dominion Creosote & Lumber Co., of Vancouver. The work of Mr. Walker will be largely conducted from the office of the B. C. Lumber Commissioner, 51 Yonge St., Toronto. He is visiting all the railway car shops in Ontario and the eastern provinces to learn their requirements and other data relating to contracts for decking, sheeting, lining, framing and heavy sills.

Mr. Walker is also endeavoring to procure standard specifications in connection with materials that the railways may need for rolling equipment so that western forest products may come in on a fair competitive basis with woods that have been used for a number of years. Mr. Walker will spend some time in Montreal and other eastern cities.

### Equipping Hand Cars With Motive Power

The Sylvester Mfg. Co., Limited, of Lindsay, Ont., report that the outlook for business during the coming year is promising. The firm specialize in a number of lines including hand cars, push cars, motor cars, hand car engines, inspection cars and gasoline and oil pumping engines. The Sylvester hand cars are especially useful in logging operations for transferring men and in doing light hauling. Many lumber firms have expressed their satisfaction with the time and labor-saving features of the Sylvester hand car engines. With the gasoline car it is stated that on ordinary work as high as 54 miles per gallon has been secured while the outfit has a great pulling power.

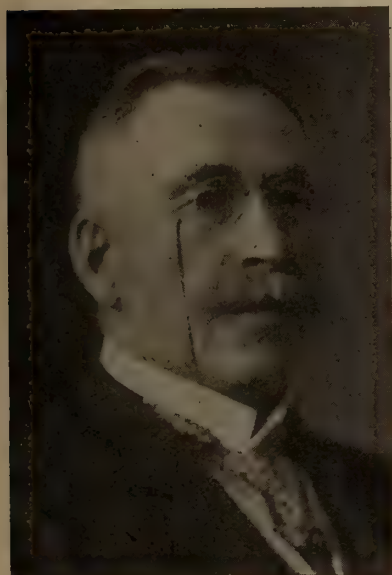
### Record Stave Saw Order Received

Forty-nine cylinder stave saws in a single order has been received by the Peter Gerlach Co., of Cleveland, Ohio. This is believed to be the largest order ever placed with an American manufacturer for stave saws. Delivery must be completed before June 1st, 1923.



# Montreal Lumbermen Review Work of Year

*Annual Meeting of Association Elects Officers and Hears Interesting Reports—  
Eastern Lumber Trade Enters Upon Coming Months in Good Condition*



D. H. McLennan, Montreal, P.Q.

The members of the Montreal Lumbermen's Association held their annual meeting recently in the Board of Trade Building, Montreal. There was a good attendance and the business consisted of presenting annual reports, the election of officers for the coming year and a general discussion on the more important matters that had arisen during 1922. The trend of trade for the coming season was also talked over and it was generally agreed that the outlook was steadily improving. A larger cut is being taken out in the bush and stocks had been reduced considerably at many distributing and shipping points.

## The President's Annual Address

D. H. McLennan, the president, presided, and in his re-

view of the matter which had come to the attention of the Association during 1922, said:—

It will be remembered that on June 4th, an amendment to the special War Revenue Act was passed, and dealt specially with the Sales Tax in its application to lumber. It stipulated that lumber manufacturers might charge the Sales Tax to the wholesalers or might absorb it as part of the cost, the whole transaction as between wholesaler and manufacturer was one of contract. On 23rd June this year, this provision was somewhat changed and the Law now states that "an Excise Tax of 3% shall be imposed, levied and collected on sales and deliveries by the Canadian manufacturers and of 4% on importations, and that no further Excise Tax shall be payable on re-sale."

"At the last Session of Parliament the Stamp Tax on cheques was increased from two cents on all cheques issued to two cents on cheques not exceeding fifty dollars and two cents on every additional fifty dollars or fraction thereof up to five thousand dollars with a maximum charge of two dollars. The Act in which this change occurs also stipulates that "no person shall transfer a Bill of exchange or promissory note to a bank in such manner as to constitute the bank the holder thereof, or deliver a bill of exchange or promissory note to a bank for collection, unless there is affixed thereto an adhesive stamp or unless there is impressed thereon by means of a die a stamp of the value of, if the amount of money for which the bill or note is drawn or made (1) does not exceed \$50.00, two cents, (2) exceeds \$50.00, for every \$50.00 or fraction thereof two cents." There is a feature in this legislation to which I wish to draw your attention. As you know, drafts drawn on customers are, unfortunately, often returned and it is necessary to draw on them a second time and sometimes that does not suffice. It seems to me that the application of the Stamp Tax on drafts which are returned and no rebate allowed is most unfair and I strongly urge that this matter be taken up with the Government.

Box shooks were originally carried in the lumber tariffs at the ordinary lumber rates, but on November 1st the Railways amended their tariffs so as to provide that lumber rates would not apply on material cleated or glued together, or otherwise made up, but that on such material the Box Shooks minimum weight and rate, plus 4 cents per 100 lbs. would apply. The Board of Railway Commissioners under Order 371 of November 3rd suspended these tariffs pending a hearing on a date to be fixed by the Board but the Railways have disposed of the matter, without a hearing, by withdrawing the proposed regulations and in future carrying Box Shooks, make up, at the ordinary lumber rates.

The Railway Commission in its judgment of August 22nd regarding lumber from Nova Scotia points to New Brunswick and Nova Scotia ports for Export goes very carefully into complaints

regarding the rates on lumber from Bridgewater, N. S., and other stations on the Halifax and Southwestern Branch of the Canadian National Railways, and, as rates were not found to be higher than those generally in effect in Canada, dismissed the complaints.

The subject of rates on lumber from B. C., Pacific coast points to Quebec Central Railway stations is actively in hand with the Railways and a decision satisfactory to the trade is looked for at an early date.

The Quebec Central Railway has issued new tariffs covering through rates on lumber to stations on connecting lines in Canada on a basis similar to that applying from contiguous territory on the Canadian National Railways. Advice has also been received from the Quebec Central Railway to the effect that tariffs covering through rates to points on the Maine Central and Grand Trunk Railways in New England, and also to points on the Central Vermont Railway in the United States will be printed in the course of a few days.

The Question of a general increase in freight rates is referred to in last year's report. An application for a general reduction in freight rates on lumber to the basis in effect prior to September 13th, 1920 was argued before the Board in Ottawa on March 7th and the Board's General Order No. 366 provides for a general reduction of 7½%, effective August 1st.

The following officers for 1923 were elected:—

President, D. H. McLennan, McLennan Lumber Co., Limited, (re-elected).

Vice-president, S. F. Rutherford, (re-elected).

Treasurer, W. K. Grafftey, Montreal Lumber Co., Limited, (re-elected).

Secretary, H. C. Beatty.

Directors, Messrs. A. H. Campbell, Campbell, MacLaurin Lumber Co., Limited; E. H. Lemay; J. MacLaurin, St. Maurice Paper Co., Limited; W. T. Mason, Mason, Gordon & Co., Limited. D. H. McLennan was nominated as the Association's representative on the Board of Trade Council.

## Resolution of Condolence

The following resolution was adopted:—That the members of the Montreal Lumber Association deeply mourn the death of Mr. Alex. MacLaurin, a most prominent and highly respected member, not only of this Association, but of the lumber industry of Canada; that in 1909 and 1910 Mr. MacLaurin was president of this Association, the duties of which office he discharged with faithful integrity; in 1908 and 1910 he was honored by election as member of the Council of Montreal Board of Trade, where he represented this Association most acceptably; that this Association tenders to the family its sincere sympathy in their bereavement.

## Montreal Association Opens an Office

In the report of the inaugural meeting of the Montreal Wholesale Lumber Dealers' Association, which was published in the last edition of the "Canada Lumberman," an error occurred owing to the transposition of some lines.

The directors elected were:—J. S. Bock, (Eagle Lumber Co. Limited); O. Page, (Cardinal & Page); George Church, (Church & Church); C. Villiers, (Canadian General Lumber Co.), and W. A. Filion. E. H. Lemay is president of the Association; J. S. Bock, chairman of the directors; C. Villiers, vice-chairman, and F. H. Devenish, secretary-treasurer. The prospects for the new organization are exceptionally bright and good progress is being made in the work that has already been undertaken. The Association has opened an office at 32B Board of Trade Building, Montreal. The membership is growing, with the attendance at the weekly luncheons maintained.

There is a fascination about fire and especially about the burning of a match for the smallest child. A child uses matches carelessly because they are placed where he or she can readily get them, and because children see matches constantly handled in a careless fashion by their parents.—Deputy Fire Marshal Lewis, Ontario.



# New Year Sees Expanding Trade in Lumber Line

(Continued from page 38)

did a year ago. All the Admiralty stock has now been shipped and a great deal that was not Admiralty, has also been shipped out. There was a steamer here recently loading the last of the Admiralty stock we know of. This vessel left carrying 1,500 standards for Manchester. Our own yard is entirely clear of everything except the sawing of 1922. Stocks are materially reduced and anyone wanting dry stock will find it difficult now to procure. While we have some dry stock on our yard at the moment it is all disposed of going through the planer as fast as we can put it. The operation in the woods is about two thirds of last year and will cost more owing to the higher wages paid to men and the Government stumpage of \$4.00 adds materially to the cost of stock in this direction. Prices have materially advanced and we are looking for quite an improvement in price and demand in 1923, while we do not anticipate business in the lumber line will be up to normal, still it will not be far from it.

## Nova Scotia Mills Sawing English Stock

Dunfield Lumber Co., Halifax, N. S.,—Stocks of lumber on hand in mill and railway yards in this Province are much lower than at this time last year, in fact it can be said that stocks are about exhausted. We have never known stocks to be as nearly cleaned up as at present. Owing to this condition, and the anticipated moderate production, it is quite apparent that certain sizes, such as 2x4, 9 & 10 ft. and 16 ft. & up, 2x6 ft. & up, 2x8, 12, 13, 14 ft. and 2x10, 2x12 Spruce, also 3x7 & wider for the English market, will be very scarce during the winter and early spring. At the same time there will be no surplus of random stocks including log run spruce, pine and hemlock boards. In our opinion 1923 will be a normal year, and there will be a steady demand, with an upward tendency in prices, at least until well along into the year. During 1922 most of our mills down this way were cutting for the American market, but this winter many will be cutting English stock. At this time last year there were large stocks of spruce on hand, but as stated, these have now been liquidated, and, with mills sawing English stock this winter, it is expected there will be no surplus of stocks of spruce available for either English or American markets.

## Shortage in Desirable Sizes

Colin C. Tyrer Co., Halifax, N. S.,—As far as Nova Scotia is concerned, stocks of lumber in the yards are certainly low—in fact, things are pretty well cleaned up in Nova Scotia and we are all glad of it. There is a shortage to-day of all desirable sizes for the American market but the mills are starting to get to work for their winter operations and there will be a fairly even supply of stock for both the English and American markets from now on. Of course, it entirely depends on winter conditions. Prices have shot up rather rapidly during the last two or three weeks; in fact too rapidly to be called a healthy rise. We are inclined to think we are going to see higher prices during the winter but when the spring and summer come along the market will go back again, as all the large mills have immense quantities to saw. If there is any truth in the report, they are planning to get out immense quantities of logs this winter. The English market will not stand any heavy pressure of stock and, even at to-day's prices and on the basis of ruling freight rates there is left only a small profit, nothing at all of a really substantial nature. We certainly expect to see in 1923 a good steady demand for lumber.

## President of N. S. Association Speaks

Rufus E. Dickie, Stewiacke, N. S.,—I am neither a prophet, nor the son of a prophet, so it is pretty hard for me to foretell the future with any degree of certainty, and at the best, whatever I may say, will only be a guess. The situation in Nova Scotia at the present time is that the old stocks of lumber are pretty well cleaned up. You could safely say that by the end of the year all the old stocks of merchantable material will be either sold, or in transit. There will be, however, a small quantity of culls left; but even this quality is rapidly moving out. This will leave us with a fairly clean slate for next year. The cut for this winter and next summer will be considerably larger, perhaps double, what it was last year, but I do not think it will nearly approach the pre-war cut. The steady demand and hand-to-mouth financing, will move the winter cut, about as fast as it is sawn. Next summer's cut will not be large, and will like be cleaned up as fast as delivery can be made. The English market is prepared to take a considerable quantity of deals and scantling, and the American market is, I think, prepared to take all we can produce. I can imagine that the demand will be greater than the supply, more especially, for the wider widths. But this will also apply to narrow sizes as well. If Nova Scotia and New Brunswick were the

only places manufacturing lumber, one would expect to see a runaway market but as other countries are producing besides ourselves, prices will be governed by those obtained from the other competing countries. Operating costs will be higher this next year, as wages have already advanced from five to ten dollars per month, due to scarcity of men. Supplies are also somewhat higher than last year. Looking the situation all over, and speaking for Nova Scotia my opinion is that our activity will not be quite up to normal, and that we will have a steady demand for all we can produce, at profitable prices.

## The Lowest Stocks in Twenty Years

Clarke Bros., Bear River, N. S.,—In respect to lumber stocks on hand at this point, we have never known in the past twenty years stocks so low as they are at this and adjacent point. As to quantity available for spring shipment of 1923, everything, of course depends upon the extent of the bush operations during the coming winter. Practically nothing was done in the way of lumbering here in the winter of 1922 and while there will not be the usual activity which characterized the years prior to 1920, there will be more logging carried on than there was last year. The cut however, will not be more than twenty-five to thirty per cent of normal. Increased activity in New Brunswick has drawn a percentage of our men to that field, but there are still enough for all woods operations which will be done here during the coming season. Our information is, that the stocks of lumber in the American market are not large, with the English demand improving, and while there will be an increase in the cut in the lumber sections of Canada, we have not been able to ascertain that there will be more than sixty per cent of the usual quantity of logs harvested. As many of these will not reach the mills until May or early June, we anticipate a brisk demand in the early part of the season. Wages will be somewhat higher than last year, while camp costs will be a trifle lower. The cost of securing logs these days is materially increased, by the fact that the "stands" of timber are farther removed than heretofore, and with the prices prevailing for the past year, the operator is fortunate who closes the year without loss. Prices must advance under present conditions, if any value is to be received in the way of stumpage.

## Will Appoint Director of Forestry

At the annual meeting of the Canadian Pulp and Paper Association in Montreal on January 26th the members will be asked to appoint a director of forestry research in connection with the Woodlands Section and for that purpose to vote \$10,000. The director will be a forestry and logging engineer, whose duties will include personal consultation and assistance when called upon by any member in meeting problems arising out of forestry or logging operations; keeping in touch with all developments and gathering information for the benefit of members and keeping them informed on progressive measures affecting forestry and logging. The expense will be met by an assessment among the members operating their own woodlands.

The Executive Committee of the Association points out a great deal has been done to increase the efficiency of the manufacturing end, and proceeds. "We are, however, in the operating and forest management end of our business in the same position practically in regard to methods that we were twenty-five or thirty years ago. There are many problems of utilization, measurement of woods, transportation, loss from shrinkage, and driving, which demand solution, and it would greatly cheapen the cost of our logging operations and would lead to a much more intelligent and better handling of our woodlands when, it is considered that, on the woods operations of a company more money is spent each year than on any operations in the mill, and that there is a great lack of technical control in these operations. Studies carefully made by a man with technical training and practical experience would effect very large saving and might suggest new methods of transportation and utilization which would have far-reaching results. We do not hesitate to say that as the forest is the basis of profitable conduct of all our pulp and paper mills, it is far more important that money should be spent on this end of the work than on any other."

It is also proposed to appoint a director of technical research at an expense not to exceed \$30,000 for the first year. The idea is to assist in any research work carried on at the mills.

In the Supreme Court of Ottawa recently the hearing of the suit of the Attorney General of Ontario against J. R. Booth, Limited, of Ottawa, was postponed. The action was the outcome of a long-standing dispute in connection with certain timber limits in the Madawaska District. The chief point in dispute is whether a certain boundary line should follow the natural contour of a river. As the province of Ontario owns the river rights, the department of the Attorney General has been called upon to settle the matter,



# Windsor Will be Mecca For Retail Lumbermen

*Details For Annual Convention on January 24-26 are Complete—Splendid Programme Arranged With Live Topics—Social Features to be Attractive*

The forthcoming convention of the Ontario Retail Lumber Dealers' Association will be held at the Prince Edward Hotel, Windsor, on Wednesday, Thursday and Friday January 24th, 25th and 26th. It is understood, from present prospects, that this session will be the most interesting and outstanding of any that has taken place in the history of the organization. The proceedings will be business from the word "go" and a large number of important subjects will be dealt with. Instead of set formal speeches, practical talks on various topics of particular interest, will be introduced and led by representatives who have given considerable thought to each subject. Suggestions have been sent in to have a lot of problems thrashed out on the convention floor and the detailed programme is now being arranged.

The assembly this year is in some respect a unique one in that it will convene for three days. There will be something doing all the time, with abundance of variety, and members are requested to bring their ladies. A special programme of entertainment is prepared for them and they will also be guests at the dinner-dance that evening.

S. Herath, of Ojibway, Ont., has been appointed chairman of the Entertainment Committee, and any members who require any further information or assistance in reserving rooms should write to him, c/o Prince Edward Hotel, Windsor, Ont. It is advisable that all reservations should be made in advance as the attendance promises to be unusually large.

The manager of the Prince Edward Hotel will certainly look after the comfort and welfare of those who attend, and this palatial new hotel has for the use of the delegates 48 rooms with double beds, suitable for two persons, at \$5.00 per day; 48 rooms with double beds, suitable for two persons, at \$6.00 per day; 48 rooms with twin beds, suitable for two persons, at \$6.00 per day.

"Jim." Scofield, president of the Association, is on the move and declares that local dealers are up on their toes and will leave nothing undone to make the event outstanding and enjoyable in every respect.

Some matters which are to come up for discussion and consideration are a suitable trade mark for the Association; formation of a shippers' rating bureau, the standardization of lumber sizes and grades, proper cost accounting system, trade ethics, accident prevention, relation between wholesaler, retailer and consumer, the house plan service recently inaugurated by the Association, apprentices for planing mills, etc.

There will be exhibits by various firms during the progress of the gathering. Quite a number of applications have been received for space and it is believed this will be an attractive rendezvous during the convention. It will be the first business show ever held in connection with the Association.

The tentative programme has been arranged as follows:—

## Wednesday, January 24

10 A.M. Arrival and registration of delegates.

2 P.M. Open session. Welcome by the mayor; minutes of previous meeting; annual address of President Scofield; reports of secretary-treasurer and standing committee.

Discussion of trade ethics among retailers.

Explanation of the new house plan service by president Scofield.

Discussion on the best methods of financing new dwellings. How building operations can be encouraged by loan associations or other means.

As it is felt that many of the members would like to visit the neighboring city of Detroit, which is just over the river, on Wednesday evening, this night has been left free. The delegates can go across and take in the City of the Striats and its attractions.

## Thursday, January 25

10 A.M. Discussion on proper cost accounting system; stopping leaks in the business, led by W. R. Bogart, Chatham, Ont.

Discussion,—Apprentices for planing mills; the best system and how to secure them.

Discussion,—Shippers' rating bureau, how conducted, service rendered, etc.

Discussion,—Proposed adoption of a trade mark for the Association.

2 P.M.—Discussion on standard sizes and grades.

Discussion on relation between wholesaler, retailer and consumer.

Discussion on accident prevention, led by George H. Arnott, of the Windsor Lumber Co., Windsor.

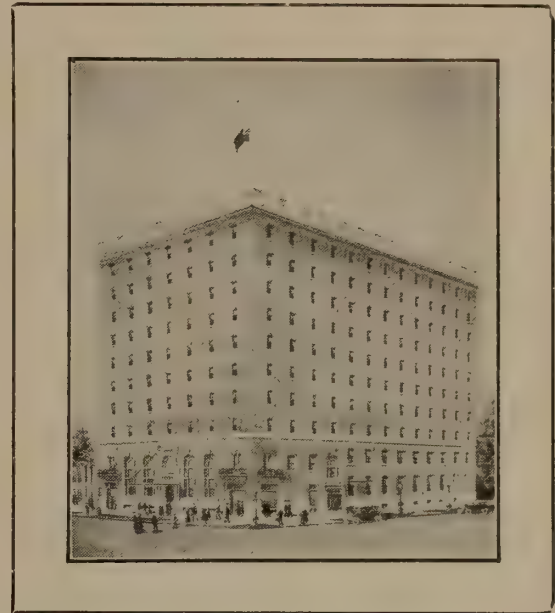
Discussion on fire prevention in plants, which will be led by Clarence DeFields, chief of the Windsor Fire Department.

Evening,—Annual banquet and dinner-dance. This will be quite informal and some innovation will be introduced. Douglas Malloch, of Chicago, "the lumberman poet," will give one of his bright, entertaining "turns," and Jack Miner, of Kingsville, Ont., the well-known bird naturalist who makes all sorts of wild fowl eat out of his hand, will also give a short talk.

## Friday, January 26

10 A.M. Election of officers, passing resolutions, selection of next place of meeting, unfinished business, etc.

It may be interesting to point out in connection with the address to be given by Fire Chief DeFields, of Windsor, that, in the organization of employees in factories to fight fires, he divides the men into a chief and groups known as box runners, telephone runners, branch



New Prince Edward Hotel, Windsor, Ont.

men, hydrant patrol men and wheel men, and gives definite instructions to each of these. He believes that a staff of employees carefully trained in their duties, can put out any fire in a plant or yard promptly and effectively. Confusion will be avoided and every man will have his own particular job.

## Preservation of Timbers is Facilitated

Fence-posts, barn sills, house-frames and other timbers placed without preservative treatment in contact with the soil give only a few years of service and the cost of replacing such timbers is increasing every year. Material is harder to obtain and labour is more expensive. In order that the longest possible service may be obtained from woods used for such purposes the Forest Products Laboratories of Canada, Forestry Branch, Department of the Interior, have for several years investigated such preservative methods as could be practiced by the farmer and builder. Treatment of timber in open tanks, that is to say, without pressure, is the only feasible plan for a man who is not in the wood-preservation business. A creosote oil suitable for such a process was formerly so expensive as to make preservation of timbers appear a questionable economy, but owing to representations made by the Laboratories to the manufacturers of creosote oil in Canada it is now possible to get oil of the correct specification at a reasonable price. The preservation of farm and other timbers is, therefore, no longer a matter of enterprise but of ordinary business sense. Particulars as to the oil or process may be had from the Forest Products Laboratories of Canada, McGill University, Montreal.



## He Supervised Some Fast Lumber Handling



C. F. Richards, Sarnia, Ont.

C. F. Richards who has just completed his twentieth year of service with the Laidlaw Belton Lumber Co., is well known in the industry. For a long period he has been superintendent of the company's activities in Sarnia where he is a live citizen, being a former member of the city council and also a past master of Tuscan Lodge No. 437, A.F. & A.M. It was in 1902 that Mr. Richards got a job with the R. Laidlaw Lumber Co. in Sarnia as an office boy and he is still considerably under the two-score years mark. He reports that the past season has been a busy one with the company. On December 3rd the steamer "James Dempsey" with a cargo of 739,564 feet aboard arrived and at 7.30 the next morning "the boys" started to unload her.

The job was completed at 9.30 the following morning, consisting of 10½ hours working time. To accomplish this it was necessary to unload on an average of 70,457 feet every hour or 1,174 feet every minute. When it is considered that each piece had to be handled twice in the unloading and the docking and that one-third of the cargo which was in the hold, had to be handled three times, this performance probably constitutes a record.

In a recent letter to the "Canada Lumberman" Mr. Richards states—"We are going to give you the record on the Steamer Dempsey's season to Sarnia. She delivered seven cargoes here, the balance of the time being spent in carrying shipments to Tonawanda, Chicago and Milwaukee. Seven cargoes unloaded at Sarnia contained 6,141,817 feet and the total time of unloading these seven cargoes was 115¾ hours. The average amount handled per hour was, therefore, 52,946 feet. On the last cargo, however, 70,457 feet was handled each hour, or as already stated, 1,174 feet per minute. In addition to consignments arriving by the steamer Dempsey, there have been a large number of other boats discharge forest products in Sarnia during 1922, and the unloading of all of them was accomplished under the direction of Mr. Richards.

## What Shippers Rating Bureau Would Do

In a recent letter to the "Canada Lumberman" on the formation and operation of a shippers' rating bureau, which project will be considered at the convention of the O.R.L.D.A. in Windsor, Ont., on January 24-26., F. M. Torrence, of the Xenia, Ohio, secretary of Retail Lumber Dealers, says: The idea of establishing a shippers' rating bureau which would give retailers a record of repute of shippers as to character of stock, promptness of delivery, policy in making adjustments, etc., very similar to the Blue Book and Red Book ratings which the shipper now has on the retailer, is a theory I have been working on for a number of years. While I believe that we are gradually devising means of overcoming all of the obstacles which present themselves in our efforts to work out a system for this service, I must confess that the matter is still largely in a theoretical stage.

The idea of a shippers' rating bureau and the tentative plan I have mapped out for handling it was endorsed at our state convention at Cincinnati a year ago. Mr. S. S. King, of the Dayton Lumber & Mfg. Co., was made chairman of the shippers' rating bureau committee and was sent to Washington to discuss the legality of the project with the department of justice.

Before going to Washington, Mr. King sent an account of the proposed plan to some fifty shippers and secured the hearty endorsement of the plan from all of them. As you can readily understand, the greatest benefit from such a bureau will be that derived by the better class of shippers who will thus be better able to meet the competition of the "fly-by-night" concerns, who, operating without either financial or moral responsibility, are now giving the legitimate shipper very vigorous competition and are exacting heavy toll from our industry.

Some retailers are patronizing these "fly-by-night" shippers, continuously; lured by flowery stationery and apparently attractive price quotations, but even the most conservative retailers, fall for these fellows once in a while. During the past year, while I was working

on this very project, my own yard was stung on three separate cars of lumber; orders for which we were tempted to place with unknown concerns, that is, we thought we knew them and their letterheads looked reassuring. As the prices advanced we never heard anything more from them regarding our orders.

This type of fellow is adding, in the aggregate, millions of dollars to the cost of building in this country by his present game of betting on the rise and fall of the lumber market and never paying his bets when he loses.

After our association endorsed the project, the National Retail Lumber Dealers' Association appointed a committee on the subject and Mr. S. S. King, our chairman, was also made the chairman of that committee.

Mr. King gave a report of the project at the recent Cleveland convention of that association where it received an enthusiastic endorsement and the association was instructed to proceed, but the method and manner of procedure is still being sought by the National's committee.

## Wholesale Lumber Dealers Make Merry

Of a jovial holiday character was the monthly meeting of the Wholesale Lumber Dealers' Association which was held at the Albany Club, Toronto, on December 15. No business was transacted, and, as usual at the December gathering, unique features were introduced and everybody had a splendid time. Instead of chairman H. J. Terry, secretary Boulton and others gracing the head table, the members of the Entertainment Committee occupied the seats of honor. L. D. Barclay was master of ceremonies and was ably assisted by K. M. Brown and A. K. Johnson.

The proceedings were enlivened by burlesque reports from the membership committee, presented by A. K. Johnson, finance by Alfred Read, transportation by Hugh A. Rose and arbitration by K. M. Brown. Some directors and officers of the organization came in for good natured jibes, and in defence they retorted in kind, with the result that the flow of wit and humor kept up for an hour and was thoroughly enjoyed.

L. D. Barclay gave an imitation of "a talk" by Douglas Malloch, of Chicago, the well-known lumberman poet, who has appeared before the Toronto wholesalers, and the stunt was done so well that it aroused appreciative applause. Mr. Barclay concluded with a facetious poem.

After this Lou Skuce, the well-known cartoonist, entertained the members with some clever drawings and cartoons. His work was rapid and thoroughly appreciated. A number of the well-known exponents of the trade were caricatured and screened in a clever manner. At the close a hearty vote of thanks was tendered the Entertainment Committee and Mr. Skuce for the delightful evening.

The annual meeting of the Wholesale Lumber Dealers' Association for the election of officers, presentation of reports for the past year and other matters will be held on Monday January 12th. It is expected that there will be a large attendance.

## Newsy Briefs from Muskoka District

The Malloney Lumber Co., Sundridge, Ont., expect to have about 700 M ft. of hardwood and 100 M ft. of Hemlock for their 1923 cut. They will commence sawing early in the year and draw their lumber to Sundridge.

The Wood Sales Co., of Toronto & Sundridge will change operation this season. Instead of drawing their logs to their mill at Sundridge they have put up a heavy portable mill on their limits which they will run this winter, drawing the lumber as it is sawn to Sundridge.

Wilson Bros., of Sundridge, Ont., will have a stock of about 500 M feet composed of hardwood and softwood.

The Muskoka Wood Mfg. Co., of Huntsville, have closed their mill for this season. On account of getting started late in the season they ran day and night for several weeks. They are planning a big stock for next seasons' cut.

The labor situation has become easier during the last few weeks, the hunting season being over and men getting back from the West. The farmers are through with their fall work and this has made a change, with the result that bush operators are going forward with a swing.

Forestry is not a question mainly for lumbermen. It is not even a question mainly for foresters. Because no one can get along without the forest, it is a question for every one of us. Our future supply of forest products is by far the greatest and most puzzling economic problem now before the people of Canada.



## New Wholesale Lumber Firm Formed

P. L. Canfield, wholesale lumber dealer of Woodstock, Ont., and A. G. Wilmot, of Toronto, who for the past year and a half has been eastern representative of the Otis-Staples Lumber Co., Wy-cliffe, B. C., and the East Kootenay Lumber Co., of Jaffray, B. C., have joined forces and formed the firm of Canfield-Wilmot Limited, with head office in Woodstock. A charter has been applied for and the new organization will specialize on all lines of B. C. forest products.

Mr. Canfield, who was born and brought up in Woodstock, has been engaged in the wholesale lumber line for the past five years and has met with a large measure of success.

Mr. Wilmot has been identified with the industry for some fifteen years and has a wide acquaintance with the trade, being associated for a long period with the East Kootenay Lumber Co. Previous to coming to Toronto he resided in British Columbia and is thoroughly familiar with coast and mountain wood products. Mr. Wilmot will take up his residence in Woodstock, and many friends will wish the new firm of Canfield-Wilmot Limited every success and prosperity.

R. G. Chesbro, of Toronto, will represent the Otis-Staples Lumber Co. in the East, selling to wholesalers only, and in this service succeeds Mr. Wilmot.

## Will Loosen Up Money For Building

Over in New York State in the county of Westchester, which is adjacent to New York City, a number of prominent bankers, realtors and building supply men got together recently and formed a Mortgage Purchase Corporation. Westchester County like lots of other communities was away behind in its building programme and money seemed to be getting even tighter. In fact, many retail lumber merchants complained of their having to take second mortgages in order to secure payment for materials furnished for home building.

These mortgages usually run for several years and money that might otherwise be used more profitably was tied up. The mortgages were generally held against persons in whom the lumber merchant had every confidence. The Mortgage Purchase Corporation will buy mortgages held by responsible merchants and a reasonable discount will be deducted for the accommodation. It is estimated that profits derived from interest and discounts will be in excess of 20% per annum. The common stock of the new enterprise is held by the officers and directors and the preferred stock is sold bearing 7%. After the preferred and common stock have each received 7%, dividends go one-third on the preferred and two-thirds on the common.

## The Timber Trade Market Overseas

Canadian Trade Commissioner J. E. Ray, in a recent report from Manchester, Eng., to the Department of Trade and Commerce, Ottawa, says:—

Although several of the leading importers of timber have been interviewed, they had very little information to give that would be of interest to Canadian shippers. Apparently, the firmness of the market this year has tended to restore confidence, which should have a beneficial effect upon Canadian exports of timber. Comparatively small consignments have found their way recently to Manchester. During the last few days about 1,150 standards of spruce have arrived from St. John, and several hundred standards of pine from Montreal. There has also been landed a small shipment of white pine from Quebec.

White wood has not appreciated in value so much as red wood, but better prices are being commanded, and a further advance is likely. For a long time, white wood values have been kept down mainly on account of the existence of Government stocks. The latter, however, are now practically exhausted, and spot prices for spruce in Manchester and Liverpool—that is for good spruce—show an improvement. Recent cargoes have been quickly cleared out, and values have risen accordingly.

Although the engineering industry is not in a flourishing condition, sufficient work is being done to influence the sales of certain kinds of timber. One importer states that he has been surprised at the readiness with which his stocks have been taken up by engineering concerns, as well as by the number of orders still on his books.

### Imports of Canadian Timber

House building is proceeding under municipal and private enterprise, but not on so large a scale as to create a big demand for house timber.

Boxmakers all report an increase in their activities, and consequently the demand for timber used by them is correspondingly active.

There are no statistics illustrating the quantities of Canadian

timber received at Manchester during the last ten months; but figures are to hand to-day relating to the entire imports of the United Kingdom, in which, of course, Manchester is included.

The imports of hewn hard wood were 250,480 loads, compared with 262,759 loads in the first ten months of last year, and 793,947 loads in the corresponding period of 1920. Imports of hewn soft wood were 3,179 loads, compared with 1,399 loads and 20,186 loads in the corresponding periods of 1921 and 1920 respectively.

Sawn hard wood imports were 1,841,968 loads, 793,240 loads, and 2,514,563 loads in the first ten months of this year, 1921 and 1920 respectively; while those of sawn soft wood for the same periods in the same date order, were 388,951 loads, 145,124 loads, and 791,333 loads.

It will thus be seen that imports from Canada show a large decrease so far this year in comparison with 1920.

## The Demand in Argentine for Lumber

B. T. Webb, Canadian Trade Commissioner at Buenos Aires, Argentine, in a recent report to the Department of Trade and Commerce, Ottawa, on the timber requirements of the South American republic, says that it is one of the largest importers of wood and wood products in the world. Mr. Webb adds that this is due to the fact that the centres of population are far removed from native sources of supply and the means of communication between the forests and the cities are still undeveloped; practically all lumber required for construction and general purposes has therefore to be imported from abroad. The total value of the imports, as classified in the Government statistics, under the heading of "Wood and Wood Products," amounted during the five years 1910-14 to an annual average of seventeen millions of Argentine gold pesos, this being the "official value;" the real commercial value would be about 15 per cent. higher. The Argentine gold peso, which is the unit of currency used in Government statistics governing imports, is approximately equal to the Canadian dollar in value, the actual mine par value being 96.52 cents.

With the outbreak of the war, the imports of lumber and lumber products fell off considerably, and in the year 1915 less than seven million dollars' worth was brought into the country. This falling off may be attributed in part to war conditions, but was also due to a certain extent to the collapse of the building boom which was at its height in 1913 and had entirely exhausted itself by the end of the following year. The imports for the year 1916 were practically the same as for the year 1915, but 1917 registered a further fall, less than four and a half million dollars' worth being imported during that year. During the year 1918, however, the tide turned and, as statistics show, there has been a regular increase since, the imports for the year 1920 approximating ten million pesos in value. It will therefore be seen that while the volume of imports has steadily increased during recent years, it is still considerably below the pre-war annual average. As the population tends to increase steadily (even if slowly at the present time), and as building operations have been considerably curtailed during the past eight years, and further, as there has been no recent development of native sources of supply, it is reasonable to assume that the imports of wood and wood products will continue to increase until such time as they equal, or surpass, the annual pre-war average.

With the exception of poplar, willow, and cedar, nearly all the Argentine timbers are hardwoods with specific gravities greater than that of water. While it is true that poplar and willow are easily accessible, growing as they do in the delta of the river Plate, these woods are not of much value for general purposes, their principal uses being as firewood and for the making of box shooks. Cedar of good quality for general purposes and particularly for the making of furniture, shop fittings, etc., is grown in Tucuman and other provinces, and also in the neighboring republic of Paraguay; very little is imported, most of the few thousand dollars' worth which comes in annually from foreign sources being supplied by Paraguay. So far as the native hardwoods are concerned, these are of numerous varieties, many of them having beautiful grains and being capable of taking high polishes. For this reason they are sometimes used for making high-class furniture, but even for this purpose they are not extensively employed, it being found to be more economical and generally satisfactory to make such furniture from imported veneers on bodies of oak or cedar, as the case may be. The principal use of South American hardwoods is for railway sleepers and fencing posts, Quebracho being most widely used for these purposes.

From the above description of the varieties and the uses of local woods, it will be seen that the Republic is entirely dependent on foreign sources for its supply of softwoods such as pine and fir timbers for building and general construction work. As a matter of fact, an analysis of the customs returns shows that this class of lumber is imported to a very large extent.



# Canada Lumberman

Founded 1880

The National Lumber Journal for Forty Years

Issued on the 1st and 15th of every month by

## Hugh C. MacLean Publications

LIMITED

THOS. S. YOUNG, Managing Director

HEAD OFFICE - - - - 347 Adelaide Street, West, TORONTO

Proprietors and Publishers also of Electrical News, Contract Record,  
Canadian Woodworker and Footwear in Canada.



VANCOUVER - - - - - Winch Building  
MONTREAL - - - - - 119 Board of Trade Bldg.  
WINNIPEG - - - - - 302 Travellers' Bldg.  
NEW YORK - - - - - 296 Broadway  
CHICAGO - - - - - 14 West Washington Street  
LONDON, ENG. - - - - - 16 Regent Street, S.W.

### TERMS OF SUBSCRIPTION

Canada, Great Britain and British Possessions \$3.00; United States \$3.00;  
other Foreign Countries \$5.00. Single Copies 20 Cents.  
Single copies, 20 cents.

Authorized by the Postmaster-General for Canada, for transmission as  
second-class matter.

Vol. 43

Toronto, January 1, 1923

No. 1

### Lumber Trade Omens for Coming Year

The outlook for the coming year in the lumber trade is reviewed at considerable length in other parts of this edition and needs no extended elaboration. A score or more of representative lumber manufacturers, wholesalers and others have declared in another column of the "Canada Lumberman" that stocks are low, some as much as 50% below what was in the mill yards last January, that prices are firmer, trade increasing and the prospects bright.

Much interest always centres around the future. We are concerned more largely in what is going to happen than what has happened. The past is a closed book and cannot be recalled but, of the days that are to come, we like to learn everything concerning the business in which we are engaged. When the situation grows steadily hopeful, when those who supply camp and logging equipment, sawmill machinery, yard and railway apparatus, all report that orders have been rolling in rapidly during the past few weeks, there is no mistaking that confidence is firmly in the seat and has hold of the reins.

Progress should now be comparatively easy as the road is no longer studded with difficulties and dangers which were heavy handicaps for the industry during the past year and a half. Building revival and awakened industrial interests are calling for more wood products all the while. People have almost en masse seized upon the idea of owning a home and are giving expressions to their wishes as fast as it is possible with the earning power at their disposal.

The cut this winter will be considerably larger than a year ago and this applies particularly to spruce in the eastern provinces. A calm survey of the situation reveals the fact that some surprisingly swift advances have taken place recently on certain kinds of woods in which there is developing a shortage. It is to be hoped for the stability, influence and safety of the lumber industry that the reach-out-and-grab-all spirit will not permeate the market, the same as it did in the early days in 1920 when men sat at their desks and by calling up customers could buy and sell on a basis that, within thirty minutes netted them a handsome return. Then there was actually no transfer of stock in the sense of cutting, hauling, piling, loading, transporting or delivering. It was a case of, metaphorically passing on a consignment from one dealer to another and each time at a substantial advance. The result was that when the zenith of values was reached in September there came an awful crash. Everybody wanted to unload at once, contracts were cancelled, and those, who could ill afford it, were caught with heavy stocks on hand. Hardwood producers suffered the most because their product ran into colossal sums of money. However, it has taken a long time for things to get back to normal. The return has been tedious and it required the exercise of all the faith and courage that one possessed to keep on going.

Early this spring signs showed that there was some evidence of solidity to the market, and subsequently the building campaign extended beyond anything ever dreamed of and stocks began to move out. True, the past few months have not been a money-making period with many exponents of the forest products industry but the members have rid themselves of the incubus or embarrassment of high-priced stocks, and have taken their losses without a whimper.

It is very gratifying at this early period to look around once more at things industrial, commercial and financial and think that normal conditions again prevail. While a record log cut is being taken out in some parts of the Dominion, it does not follow that there will be any surplus of stock. The lumber yards in the great consuming centres of America, as well as the import cities of Great Britain, are depleted. Manufacturers, who are using native and imported hardwoods have also allowed their usual reserve to be greatly reduced. All these things have been brought about through apprehension of a price recession. This move now appears to be entirely out of the question as the cost of getting out logs will be a little higher than last year, and with higher wages, stronger demand and larger export, 1923 should witness a measure of satisfaction in the lumber arena that will do much to atone for the disappointments of the last eighteen months.

1921 was a year of heavy losses and 1922 one of liquidation or merely breaking even. It is doubtful if many concerns have made worth while earnings. The fact that so many lumber organizations have been held together during the trying periods of the past and are now keeping step to the altered state of affairs, is a tribute to the sound judgment, long vision and stout-heartedness of the votaries of the great enterprise, which is in every way a real man's business, for it brings out all that is truest and best in his make-up and mentality.

### Why Does Youth Side Step Today?

One of the important matters to come up for discussion at the forthcoming annual meeting of the Ontario Retail Lumber Dealers' Association in Windsor, this month is apprentices for planing mills. Of late years very few young men have been coming into the wood-working ranks. This is due, no doubt, to a number of causes, some of which are attributable to the young men themselves and others to the proprietors of the establishments. Wages, it is declared, have been too low, hours too long and the future unattractive. In a few years, unless there is an influx of new blood, the planing mill will be almost deserted so far as adaptable young men are concerned.

Nowadays a walk through any establishment will reveal that the greater number of employees are men past middle age, and when these die off or retire on account of old age or infirmities, there is no trained recruit to fill their places. Conditions seem to be getting worse instead of better.

Just why more young men do not enter the woodworking arena, it is difficult to tell. Some blame it on labor unions in limiting the number of employees, others on the lack of training facilities outside of those provided by labor unions and still others on the competition of other trades at higher pay.

This matter was discussed recently at the National Retail Lumber Dealers' Association in Cleveland. It was generally agreed that one of the best ways to secure boys was to encourage trade schools or the manual training department of public schools. These institutions not only familiarize lads with the machines in different industries, but give them an opportunity to discover what trade they like best. It is costly for the proprietor and for the boy also, to bring him in to a plant and find, after a few months' service, that he has no liking or adaptation for the business and would rather be an electrician, a wireless operator or a street railway motorman.

### Do Not Make By-Word of Service

Some men succeed in spite of circumstances. They seem to over-ride and over-rule every law of failure, opposition, depression or system. These however, are the exceptions. The great majority go down and under because they live too much to themselves. Selfishness is the chief expression of their lives and deep down their hearts are tinged with that Vanderbiltian attitude "the public be damned." The public is at times an exacting taskmaster but its members often put up with most indifferent and dissatisfactory service imaginable because they have to.

There is possibly not any other avenue of relief at the moment or one follows the line of least resistance, yet every retailer, whether in the lumber line or hardware, grocery, harness, drygoods or furniture, will speak about service and prompt delivery when it is the last thing on earth that he seriously thinks of or really believes in. It has become a somewhat trite expression which he hears on all sides and he thinks he might as well appropriate its use as anybody else.

The kind of service that some dealers give is a burlesque—a real-



ly painful hoax. They never have the material on the job at the hour promised and never offer any excuse unless "called down," and then they proceed to justify the delay in the most plausible terms, hoping to get away with it. A lumber merchant may fool the public part of the time but he cannot fool all the public all the time, and the sooner he recognizes it, the better.

There are almost as many different definitions and conceptions of service as there are of goodwill. Possibly the most succinct and comprehensive meaning is that of having a stock of the proper quality and the goods delivered on the premises when promised or even before. This may sound very simple and elementary but the more one looks upon it, the broader its significance and the more outstanding its details.

Many pages might be written about service but, in the lumber line, it all resolves itself into the ideas already set forth. These were uttered, not by any large city dealer or big manufacturer, but by a small retailer at a cross-country section who has built up a name for himself in that locality. His business has attained a proportion which, if the figures were published, would appear staggering to some men in the larger towns—and he has done this all through service. He has the lumber, he has the delivery equipment and he keeps his word. How many others can say the same?

### Need of Proper Accounting System

Many men are running a business to-day at a loss, and one of the chief contributing causes is the lack of a proper accounting system. It is the little leaks which sap the vitality and undermine the strength of any concern, and these insidious wastes go on from day to day without those in charge giving heed or trying in any way to remedy them.

There is a lamentable lack of information on the cost of doing business and what represents overhead; how turnover should be figured; what constitutes a margin of profit; are delivery costs too high; what proportion of the total expense of a lumber business should the planing mill bear, etc. Very few retailers know or give much attention to these important details. They are often ready to take a job on which they lose money just because Mr. Blank up the street will do it for so and so. They infer if Blank can do it and live, they are in a much better position financially than he is and should be able to stand the gaff.

As has been frequently said, there is too much guesstimating and not enough estimating. What is needed is getting down to basic facts. The time has come when a yardman or a planing mill man must have accurate knowledge of every item of expense entering into the cost of doing business. There is so much evidence in every line at present that quality and service generally win and there are no long prices today on which to make a nice clean-up in profits, as was the case a few years ago. The public is too well acquainted with lumber values and the only way to make money in this era is frequency of turnover. Success depends on doing a large business at a comparatively small profit.

The National Wholesale Lumber Dealers' Association of the United States has appointed a Cost Accounting Committee which will keep up its work until an easy, adequate and practical system of cost accounting is discovered which will be suitable for all kinds of lumber yards, big and little. Retailers are beginning to realize that the man, who gets furthest ahead to-day in the race for expansion and wealth is he who has his affairs at all times well in hand. The lumber merchant, who gives definite, progressive thought to his own business, is the one who is willing to receive points from others and also give others the benefit of his own experience.

The function of an accounting system, of course, has nothing to do with prices or the margin of profit. It deals only with the actual cost of buying, storing and selling the various lines that are carried in stock. When the day arrives so that the average retailer will know exactly what a thing costs him and can fix a price that will net a fair profit, it will seem as if a new period of prosperity was close at hand.

### What Retailer Can do in Spare Time

There arises from time to time in all businesses dull periods or slack moments when nothing much can be done. The weather is unfavorable or all big jobs have been completed and there are none in hand for a few days. The rush is over and before another one begins the question often arises with the retail lumberman what he should do to fill in the time. Instead of bemoaning fate and sitting around with an air of anguish or indifference there are plenty of tasks at hand to which he can give attention. One of the pertinent problems that a man can face is that of self-analysis. Does he ever take a few minutes to step out of his own shell, so to speak, and view himself by large and small in the matter of honor, respect, confidence, character and purpose,

Does he ever stop to consider what there is about his business that would or should cause buyers to come to him for their building needs instead of going to a competitor. Does he check up wherein he has fallen down on some contract or job, how the other fellow got some business or why his turnover last season was not as great as it should have been.

Does he seek to discover leaks that may appear insignificant but which, at the same time, are sapping the vitality of the business? Does he examine his premises, his yard, his delivery equipment, to see that everything is up to the mark? What about the employees? Does he endeavor to find whether they are efficient, courteous and industrious?

There are a score of things which the average retailer can attend to when there is a lull in trade or the weather is unpropitious for outdoor work. It is then when he gets an opportunity to do something, and, among the tasks which he can carry out, as suggested by the "American Lumberman," are: Check insurance policies. See that all property is adequately covered; that one part is not over insured while another part is inadequately covered.

Go over credit accounts, segregate those that are most in need of attention and lay plans for collecting them.

Check over the list of customers. If some who formerly were liberal purchasers have quit buying, record that fact and make a point of finding out why.

Make a survey and an estimate of the coming year's business.

Have trucks, wagons and other vehicles and equipment thoroughly inspected and give orders to have all needed repairs made.

Plan the part to be taken in the program of the annual convention of the association. Suggest to the secretary well in advance subjects that may be profitably discussed.

Inspect the sheds and the office, and plan for necessary repairing and painting.

If during the year there have occurred some shortages of stock, investigate the cause with a view to adopting methods of buying that will prevent them in future.

Have the yard men straighten up all piles that are in disorder and return to its place stock that has been misplaced during the rush.

Plan for inventory taking so that it will be sure to go through smoothly and accurately.

### The Neglected Factor

Mr. Sherman, of the Westinghouse Union Battery Company, says that one reason why national advertising campaigns failed in 1921 was that the dealer was not advertising. He feels that more attention must be paid than heretofore to selling the advertising idea to the retailer through whom the goods are being sold to the general public.

It is hinted, that one of the causes for the recent failure of the manufacturer of Ingersoll watches was lack of attention to the dealer. The manufacturer advertised heavily to the consumer, but when it came to real work on the dealer, there was little interest shown.

"Class" regards these two statements as significant. They show that many manufacturers have given the trade too little consideration, and that the merchant has been a neglected factor. Too many manufacturers have thought that consumer advertising was the whole story, and that carrying on a national campaign to the general public gave them a franchise, so to speak, entitling them to the interest, co-operation and support of the retailer.

This is a huge mistake. The dealer is interested in advertising, and appreciates its value as a merchandising stimulus, but there are many things about the product that he wants to know before he gets enthusiastic to the point of spending his own money in support of the manufacturer's efforts. Consumer advertising does not always impress him as the major reason in favor of stocking and pushing a given item.

More attention to the trade will conserve advertising efforts. Cultivation of the retailer will pay dividends. Tell the merchants, through their own trade publications, what you are doing. Seek their interest and support on a business basis—that you have a good article, priced to yield a profit, and capable of being sold to advantage in the dealer's store. Make a friend of the merchant, and justify the friendship by the advantages a connection with you will bring.—From Class, Chicago.

A woodlot on every farm, maintained under the rules of scientific forestry, drawn upon for fuel annually, would make about half of the population of Canada wholly independent of the coal miners and the coal-mine operators in the matter of keeping the home fires burning.



## Mr. O'Leary Organizes His Own Company



P. J. O'Leary, New York City

A newcomer in the list of wholesale lumber concerns of the Metropolitan District is the O'Leary Lumber Company, just incorporated, under the laws of New Jersey, and already an active, going concern. The active head of the new company is P. J. O'Leary, who has been identified with the trade here for some ten years and is well known in the trade of the district and contiguous territory, says the New York "Lumber Trade Journal."

Mr. O'Leary launches his ship of commerce after many years of experience in those lines of lumber which will be the leaders in his list of offerings to the trade, namely: white pine and spruce. Though young in years he is a veteran in lumber, for he has been in it for twenty-one years in every department of manufacture and distribution. He began with the famous old house of Skillings, Whitneys & Barnes Lumber Company, at Ogdensburg, N.Y., where he learned lumber on the ground, and advanced through various positions of executive character. About ten years ago he came to New York to join the force of E. H. Daley Lumber Company, and was Vice-President of that Company up to the time of his resignation a few weeks ago. In New York he has been chiefly engaged in the sales field, and in the time that he has been there he has established a wide acquaintance with lumber buyers of the district and nearby territory including Long Island, New Jersey, Westchester and Connecticut. During the war Mr. O'Leary was a lumber engineer with the War Department, having full charge of the Lumber Utilization Section, Bureau of Aircraft Production in the Boston District. His practical knowledge of lumber being of great value in the construction of Aeroplanes. He begins business at a time when conditions are favorable for the kind of encouragement that a new concern needs; but aside from that, there is behind the new enterprise, expert knowledge of the product and adequate sources of supply.

Mr. O'Leary is well known in Canada, being an old Orillia boy and during his collegiate days was an all around champion athlete, his characteristic aggressiveness being learned on the lacrosse field. He was married October last to Miss Maude Leahy in Peterborough, Ont. Many friends in the lumber industry in Canada, will wish him abundant success in his new business enterprise.

## Sawmill Equipment in Good Demand

The Wm. Hamilton Co., Limited, Peterboro, Ont., report a decided improvement in the demand for sawmill and lath mill machinery, as is evidenced by the large number of inquiries received during the past three months and the volume of business closed. The increase, while it has not been rapid, has been substantial and the prospects, the firm state, look much better now. Greater confidence seems to be established and business appears to be on a more settled basis.

The demand for lath machinery is quite brisk at the present time and considerable business is being offered. Improvement is also noted in the pulp and paper equipment line and the prospects for additional installations are getting better all the while. Altogether the company say their plant is now running full time with about 75% of normal staff.

## The Lack of Economic Intelligence

Actuated by a desire to advance the study, and more general appreciation of economics, Alvan T. Simonds, President of the Simonds Saw Company of Fitchburg, Mass. and Chicago, Ill., proposes an essay contest open to pupils of high schools and normal schools in the United States and Canada. Mr. Simonds offers two prizes of \$1,000 and 500 for the best essays written by students on the subject: "The lack of economic intelligence and some of the injuries it has caused individual and general welfare since 1860."

Mr. Simonds hopes this contest will interest many in the study of economics, who might otherwise pass it by. He also expects it will aid in creating a public sentiment that will result in the practical study of the subject in secondary schools as part of the training of every teacher.

By way of suggestion, the donor of the prizes points to the fact

that unemployment, hard times, and business failures are economic disorders, which like the diseases of the human body can be avoided by greater economic intelligence. The essays which Mr. Simonds anticipates, should deal with facts of this kind as well as explain concrete examples of injury to individual or general welfare, due to the lack of economic intelligence. The readiness of many to accept economic fallacies and to act upon them is another phase of the subject writers may dwell upon. Rules governing the contest have been prepared, and persons interested may obtain copies of them by addressing the Simonds Economic Prize Contest, 470 Main Street, Fitchburg, Mass.

## What Canada is Doing For Forestry

While there is much to be done in regard to forest conservation in Canada, the progress that has been made in the last few years has been most gratifying. There are now four forest schools connected with Canadian universities. Forest experiment stations have been established in different parts of Canada to study the best methods of forest reproduction. Last season in addition to protecting the forests by means of hundreds of patrolmen on foot, in canoes, in motor-boats, and on railway velocipedes, airplanes were used for forest protection in no less than five provinces. In the aggregate probably two thousand miles of telephone lines have been erected for forest protection work. For the better utilization of forest products there have also been established under the Department of the Interior Forest Products Laboratories where all problems connected with manufacture of every kind of forest product are studied and the result made available to the people of Canada. A great change has also taken place in the attitude of people generally towards forest protection.

## Wants Amendment in Lien Act

An amendment to the Workmen's Lien for Wages Act was introduced by J. W. deB. Farris, K.C., in the B. C. legislature recently.

The amendment states that the lien is not to apply on manufactured lumber in the possession of any person who has purchased same in the ordinary course of business and shall absolutely cease to exist in respect for manufactured lumber after same has been sold in the ordinary course of business by the person manufacturing same.

It also states that no purchaser of manufactured lumber in the ordinary course of business shall be required to know or inquire whether any wages remain unpaid in respect of same or require the production of a payroll or wages sheets of any person performing any labor or service in connection therewith or in connection with the logs and lumber from which the same has been manufactured.

## Shingle Nails are Tested at Laboratories

Few people associate the word "research" with such ordinary things as nails, but it is declared by the Forest Products Laboratories of Canada, Forestry Branch, Department of the Interior, that carefully conducted experiments are having an influence on the manufacture of such articles. The selection of the most suitable nail for fixing shingles is likely to be determined by tests made at the Laboratories in Montreal to find the holding power and rust-resisting qualities of different types of shingle nail on the market. One of the most promising appears to be a Canadian-made cut nail which held more firmly than any other and had a better galvanized coating. These nails were cheaper per barrel than imported nails, but as each nail contained a little more metal the number per barrel was somewhat smaller. The work of testing nails might seem outside the scope of the Forest Products Laboratories of Canada, but it is a natural sequel to their series of tests on the nail-holding qualities of Canadian woods.

## Necessity for Uniform Cost-Finding Systems

Formerly the necessity for the determination of true costs was not as imperative as it is today. Margins between cost and selling price in most lines were larger. Costs could be ignored except in a general way and a good return still be made on the investment, but today margins of profit in most lines of trade are very much narrower than formerly, and the necessity for the most efficient management and closest analysis is felt as never before.

New methods are being introduced and improved machinery installed, with a view of reducing costs by increasing efficiency. It is impossible to know whether the introduction of these improvements will reduce costs unless the operator knows, not only what his total cost is, but exactly what items make up the total. Items of cost are frequently lost track of when the total only is considered, while if these items were properly segregated so as to show what they were, it is possible that a material reduction in some instances could be made.



# Montreal Makes Ready for the Big Gathering

*Fifteenth Annual Meeting of the C. L. A. to be Held at the New Mount Royal Hotel, January 24th. and 25th.—Attendance Promises to be the Largest on Record*

The best and biggest convention of the Canadian Lumbermen's Association is the aim and object of the Montreal lumbermen who are cooperating to entertain the delegates at the forthcoming annual meeting. They are working energetically to that end. Although the plans from the local end are naturally not yet of a definite character, they are sufficiently advanced to show that visitors will not lack anything which will make for a successful convention, looked at from the social side.

The burden of the preliminary work fell to the lot of J. B. White and G. W. Grier. At their invitation a meeting of lumbermen was held at the Board of Trade rooms, Montreal on December 12th, at which Mr. White invited the support of the Montreal industry in entertaining the delegates. The question of ways and means was discussed, the meeting being of the opinion that nothing should be left undone to give the visitors a warm welcome and the utmost hospitality. The meeting was largely attended and was representative of almost every section of the industry.

## The Committees for the Convention

The following Committees were appointed:—

Central Committee:—Messrs. E. H. Lemay, chairman; J. B. White (Riordon Co., Limited), vice-chairman; George W. Grier, (G. A. Grier & Sons, Ltd.); D. H. McLennan (McLennan Lumber Co., Ltd.); Arthur H. Campbell (Campbell, MacLaurin Lumber Co., Ltd.); Alex. Fenton (Riordon Co., Limited), secretary-treasurer.

Finance Committee:—Messrs. J. S. Bock (Eagle Lumber Co.,

thods of raising money, the possible attendance, etc. It was arranged that the Finance Committee would commence active work the first week in 1923.

It was also arranged that the Montreal lumbermen should be responsible for arranging a luncheon for the ladies on January 24th, a luncheon for the delegates on the same day and a dinner-dance in the evening.

## Five Hundred Delegates Anyway

The programme of entertainment for the ladies will probably include a theatre party, tobogganing party or drive to the mountain, and tea parties.

At the weekly luncheon of the Montreal Wholesale Lumber Dealers' Association on December 20th, J. S. Bock asked for the co-operation of members of the association in making the convention an outstanding success and for the means to carry out the plans in view.

The speakers for the banquet on the night of January 26th were arranged for by J. B. White and G. W. Grier. The chief speakers will be the Hon. Walter Mitchell, K.C., M.P. Provincial Treasurer of Quebec, and Dr. Gordon, Laing B.A., Professor of the Faculty of Arts, McGill University.

Frank Hawkins, of Ottawa, secretary of the Canadian Lumbermen's Association, says that reservations are coming in rapidly for the annual convention which will be held in Montreal, January 24th and 25th, and it is advisable that delegates should notify the secretary so as to be assured of accommodation.

The Secretary of the Canadian Lumbermen's Association says that first and, as a matter of considerable importance, the Mount Royal Hotel will be in thorough running order and delegates and friends need have no apprehension regarding their comfort and convenience not being adequately provided for. When Mr. Hawkins told Mr. Cardy, manager of the Mount Royal, in response to a question that the C.L.A. expected to have five hundred delegates Mr. Cardy replied, "Good! Make it a thousand."

An effort will be made to get through the routine business of the Association by noon on Wednesday 24th so as to leave Wednesday afternoon and the whole of Thursday January 25th for a red-hot discussion on the floor. The officers of the Association are endeavoring to make arrangements to have short addresses on the problems which confront the lumber business. These addresses will be delivered by eminent authorities and it can be safely said that the two days' convention will touch the high-water mark of achievement.

## Brief History of the Association

The Canadian Lumbermen's Association was organized in August 1908 and the forthcoming meeting will be its fifteenth annual. Gordon



Attractive cafe of Mount Royal Hotel, Montreal

Limited); L. G. Gravel (Gravel Lumber Co., Limited); G. A. Grafftey; W. B. Blair (Blair Bros., Limited); W. A. Filion (E. H. Lemay); J. B. Knox (Knox Bros., Limited); E. C. Plant (E. C. Plant Lumber Co.); T. Prefontaine (T. Prefontaine & Co.).

Entertainment Committee:—Messrs. J. G. Shearer (J. Shearer Co., Limited); W. Arthur Grafftey (Montreal Lumber Co., Limited); A. E. Grier (G. A. Grier & Sons, Limited).

Dance Committee:—Messrs. G. C. Goodfellow; Gordon Walklate (Trans-Canada Lumber Co., Limited); S. Rutherford (Grier Timber Co., Limited); J. S. Bock; V. Treversy, Jr. (Traversy, Limited.).

Luncheon Committee:—Messrs. C. Villiers, (Canadian General Lumber Co., Limited); J. P. MacLaurin (St. Maurice Paper Co., Limited); J. R. Haines, (McLennan Lumber Co., Limited); W. T. Mason (Mason, Gordon Co., Limited.).

Ladies' Committee:—Mesdames J. B. White, D. H. McLennan, A. H. Campbell, A. E. Grier, J. G. Shearer, C. Villiers.

On December 19th the members of the committees met at the Mount Royal Hotel. A. E. Clark, president of the Association, presided and Frank Hawkins, secretary, came from Ottawa to be present. Both gave the committees details as to other conventions with a view to making adequate arrangements.

The discussion mainly dealt with financial matters such as me-



Main dining room of Mount Royal Hotel, Montreal



C. Edwards, of W. C. Edwards & Co., Ottawa, was the first president and Frank Hawkins of Ottawa, has been the energetic secretary since the birth of the institution, the head offices of which are in the Fraser Building, Queen St., Ottawa. J. B. Miller, of the Parry Sound Lumber Co., now of Toronto, was the second president, Mr. Edwards retiring in 1910. Mr. Miller filled the chair for two years and then the late Alex. McLaurin, of the St. Maurice Paper Co., and the Campbell, McLaurin Lumber Co., Montreal was the third presiding officer. Hon. George Gordon, of North Bay, was the next wielder of the gavel and he was followed by W. E. Bigwood, of Graves, Bigwood & Co., Toronto. W. Gerard Power, of the Power Lumber Co. Ltd., St. Pacome, Que., and W. & J. Sharples, Ltd., Quebec, occupied the seat for the next two years. In 1920 and 1921 Dan. McLachlin, of McLachlin Bros., Arnprior, Ont., guided the destinies of the growing organization, and last winter at the annual convention in Toronto, A. E. Clark, of Edward Clark, & Sons, Toronto, was made the president. J. Fraser Gregory, of St. John, N.B., is the first vice-president, and Angus McLean, of Bathurst, N.B., second vice-president.

Practically every presiding officer until the end of 1921 filled the chair for two years but a new departure was inaugurated and it was felt that an incumbency for one year would be the regulation henceforth. Mr. Clark will have completed his term in January.

J. R. Booth, the veteran lumberman of Ottawa and the oldest and most prominent operator in Canada is honorary-president of the Association.

R. G. Cameron of Ottawa is honorary-treasurer and a permanent director of the C.L.A.

With regard to the presidency of the C.L.A. for 1923 the directors, including the newly-appointed ones, meet immediately after the annual session and elect a president, vice-presidents and other officials.

The present directors are:—A. E. Clark, Toronto, Ont., Gordon C. Edwards, Ottawa, Ont., W. E. Bigwood, Toronto, Ont., W. Gerard Power, Quebec, P.Q., Angus McLean, Bathurst, N.B., Spencer Kellogg, Utica, N.Y., R. E. Stocking, New York, N.Y., Dan McLachlin, Arnprior, Ont., E. R. Bremner, Ottawa, Ont., David Champoux, Restigouche, P.Q., Geo. W. Grier, Montreal, P.Q., Brig-Gen. J. B. White, Montreal, P.Q., J. Fraser Gregory, St. John, N.B., F. C. Knight, Vancouver, B.C., G. E. Spragge, Toronto, Ont., W. J. Bell, Sudbury, Ont., Duncan McLaren, Toronto, Ont., Sir William Price, K.B., Quebec, P.Q., Arthur H. Campbell, Montreal, P.Q., W. B. Snowball, Chatham, N.B., Rufus E. Dickie, Stewiacke, N.S., R.G. Cameron, Ottawa, Ont.

#### The Seven Retiring Directors

The directors whose three-year term of office expires this year are:—

G. E. Spragge, Toronto; W. J. Bell, Sudbury; Duncan McLaren,

Toronto; Sir Wm. Price, Quebec; Arthur H. Campbell, Montreal; W. B. Snowball, Chatham, N.B., and Rufus E. Dickie, Stewiacke, N.S. All of these are eligible for re-election for another three years. They are all well known in the industry and have been warm friends of the C.L.A.

At the annual meeting in 1920 in Ottawa a distinctive step was taken when it was decided that a Transportation Department should be established and a few weeks later R. L. Sargent was appointed manager of that branch, which has done effective work.

It is now five years since the Association met in Montreal. For the first few years that city or Ottawa was the Mecca for the annual gathering. In 1917 the convention came to Toronto and the next year it went back to Montreal then St. John took it East in 1919 and Quebec had the honor of entertaining the lumbermen and their lady friends in 1920. Ottawa was the convention centre in 1921 and last year Toronto was able to boast of that distinction. It looks as if the forthcoming assembly in Montreal will be the most representative of any ever held in the history of the C.L.A.

#### Became International in Character

Mention has already been made that one decisive step in the meeting at Ottawa was the decision to establish a Transportation Department. Last year another outstanding move was effected by the Association when it became international in its scope and character and elected two directors from the United States for a period of three years, they being Spencer Kellogg, of Charles C. Kellogg & Sons Co., Utica, N.Y., and R. E. Stocking, of Power, Moir & Stocking, Inc., 1302 Flatiron Building, New York City. Out of a membership of nearly two hundred, the C.L.A. has some twenty firms in the United States included in its ranks.

Rumor has it that the 1923 meeting of the Canadian Lumbermen's Association will be held either in St. John, or Quebec. According to report, St. John is likely to get the honor of entertaining the delegates.

Another feature of the C.L.A. is that until the gathering at Quebec in 1920, very few of the delegates were accompanied by their wives and daughters. Now this is all changed and the social festivities are supervised in an admirable manner by a local committee which leave nothing undone to see that the ladies are looked after from the time of their arrival until their departure. They are now guests at the annual banquet and various other social functions are arranged in their honor. Montreal will not be behind in its extension of courtesies for the joint chairmen of the Entertainment Committee, George W. Grier and Brig. Gen. J. B. White, along with the other members of the committee, are planning a programme of variety and interest.

## Mr. Gordon Launches Company in Lumber Line



A. E. Gordon, Toronto, Ont.

As announced elsewhere in this issue Mr. Albert E. Gordon, formerly vice-president of Terry & Gordon, Limited, of Toronto, has withdrawn his interests and severed his connection with that firm. He started in business on his own account under the name of the A. E. Gordon Lumber Company, with offices at 705 & 706 Confederation Life Building Toronto, Ont. Associated with others, Mr. Gordon has been actively engaged in the wholesale, manufacturing and export lumber business in Canada for the past twenty-four years, and brings a wide and successful experience into his new venture which augurs well for its success. Commencing with the late J. H. Eyer in Toronto, in 1899 as bookkeeper and in 1900 as shipper and salesman, Mr. Gordon

rapidly attained a thorough knowledge of the lumber trade in Ontario, and by dint of hard work and close attention, was successful in working up a large and successful business for his employer. In 1909 Mr. Gordon severed his connection with Mr. Eyer and joined forces with the Ontario Lumber Co. with head offices in Toronto and mills at French River, Ont. He was in charge of manufacturing and of selling the output of the mills, mostly in cargo lots. Late

in 1910 the Ontario Lumber Co., ceased operations and Mr. Gordon joined J. K. Muir and H. J. Terry under the name of Muir, Terry & Gordon, practically doubling their business each year until it attained an important place in the trade.

At the end of 1914 the partnership agreement having expired, the firm of Muir, Terry & Gordon dissolved, Mr. Muir retiring. Messrs. Terry and Gordon continued under that name until the end of 1919 when Terry & Gordon incorporated as Terry & Gordon, Limited which firm have been successful in working up one of the largest lumber businesses in Canada.

Early in 1915 Mr. Gordon conceived the idea of shipping all kinds of dressed and rough lumber from British Columbia on a large scale into Ontario. Hitherto only shingles, timber and a very limited quantity of lumber had been shipped into Eastern Canada. Establishing an office in Vancouver the firm have shipped as much as thirty million feet per year from that province.

For several years Terry & Gordon, Limited, have specialized in Eastern Canadian spruce, lumber and lath, as well as maintaining their other connections throughout Ontario and the West. In his capacity as buyer for the firm Mr. Gordon's travels have taken him from the Queen Charlotte Islands, off Prince Rupert, B. C. to the Atlantic seaboard. He has handled the overseas export business of the firm since its inception in 1919 and in 1920 visited the British Isles and France, establishing valuable and pleasant trade connections there.

Mr. Gordon intends to continue all his trade connections in the future as he has in the past with an improved service. Associated with him in his new venture are Messrs. L. M. Dougherty and E. D. Harper, salesmen and Mr. Clarke Allen, office manager. The "Canada Lumberman" join Mr. Gordon's many friends in wishing him continued prosperity in his new business.



# Mr. Retail Lumber Dealer! Do You Know How to Sell Your Product at Fair Profit

Ever since Pythagorus, the Greek philosopher, expounded our system of mathematics, men have delivered convincing arguments by the use of cold, hard figures. Some people like the phrase "figures never lie;" but figures do lie if used incorrectly. Many business failures, especially among retailers, when analysed, are found to be the result of insufficient knowledge in arriving at a correct selling price. Not a few men have worked diligently and thought they were making a profit and later found that their figuring had netted them a loss. This kind of figuring is not the result of lack of acquaintance with the practical end of the business, but not knowing how to figure all items to secure a fair net profit.

## Eliminate All Guesswork

Perhaps the man who gets into the worst hole is the one who guesses or says he "ought" to make so much by marking his product at a hit or miss price. Supposing a man bought a car of oak flooring at \$155 per M. If he didn't make a practice of doing his calculating on a sure basis when he sold a thousand feet of flooring, his figuring to arrive at a selling price would be something like this:—

Cost of Material .....	\$155.00
Profit (10% on Cost) .....	15.50

Total ..... \$170.50

He would now mark his commodity at say \$205 and trust to luck that the difference (\$34.50) would more than cover the overhead and perhaps he might make a little more than his 10% net profit. How the correct method of calculating worked, was this:

Cost of material .....	\$155
Overhead (20% \$170.50) .....	51

Total ..... \$206

It is clear that he is selling his oak flooring for a dollar less than it cost him, although he is convinced he is making, at least, a 10% profit. Of course, not many dealers are doing business this way, but there are some depending on making their bread and butter by such hopeless guessing.

Another instance where figures are juggled badly is when a man knows his cost of doing business but does not know, clearly, how to use his knowledge. He finds at the end of the year, or whenever he analyses his books, that his expenses amounted to 20% of his sales. On the strength of this knowledge he figures something like this:

Cost of Material .....	\$155
Expense (20% of Cost) .....	31
Profit (10% of Cost) .....	15.50

Total ..... \$201.50

In this case this is how the true figures tell what happened:

Cost of Material .....	\$155
Expense (20% of Sales) .....	40.20

Total Cost ..... \$192.20

The net profit is therefore \$6.30 or 3.1% of the selling price which is a noticeable difference from 10% of cost, the anticipated profits.

## Two Different Bases of Figuring

The difference between actual and anticipated profit, developed in the above illustrations, are due entirely to the fact that two different basis have been used in arriving at the selling price. In the first instance the percentage of expenses of 20% was reached by using the sales at selling prices. In the second instance this percentage was applied to the sales at cost prices. This is the error too often made by business men. Suppose the cost of a given article or commodity is \$1 and the merchant wishes to add a margin of 33 1/3 % to the selling price, how would he figure it? Adding 33 1/3 % to the cost will not give the desired result because: 33 1/3 % of \$1 equals 33 1/3 %. \$1 plus 33 1/3 % equals \$1.33 1/3 or selling price. 33 1/3 cents divided by \$1.33 1/3 equals 25%. Hence, instead of earning 33 1/3 % on the selling price, as he had planned, the business man would actually earn 25% only, because different basis of calculation were used.

The following figures give the equivalent percentages to be ap-

plied to cost prices in order to secure a given margin of profit on selling prices.

Desired per cent on selling prices	Desired per cent Corresponding cost prices	Selling prices (Continued)	Cost prices (Continued)
25	.333	35	.538
26	.351	36	.563
27	.370	37	.587
28	.390	38	.613
29	.410	39	.639
30	.430	40	.665
31	.450	41	.695
32	.471	42	.724
33	.493	43	.754
34	.515	44	.786
		45	.818

In order to avoid confusing the two bases of figuring something should be taken that represents 100%, that is the selling price. When one endeavors to take any part of it and call it 100% he encounters trouble. It is well then, to represent all parts going to make up the selling price as 100ths of this 100%.

Going back to the example of putting a price on the oak flooring the different percentages making up the sales price should be worked out in this manner:

Cost of Material ....	\$155	70% of Selling Price
Expenses .....	44.29	20% of Selling Price
Profit .....	22.14	10% of Selling Price

Selling Price .... \$221.43....100% of Selling Price

To arrive at the selling price, each part of it must be represented by a percentage shown above. If a 10% profit of sales is desired and it is known that commercial burden or overhead takes 20% of sales, one has therefore, accounted for 30% of the 100%. The cost of material (\$155) must then represent the remaining 70%.

The rule for obtaining the selling price whether the figures are in cents or in millions is this: Divide the cost by the percentage

it represents. The answer will be the selling price, (\$155 by  $\frac{100}{70}$  = \$221.43—the selling price). After the selling price is determined it is easy to figure how much profit is made by the use of the percentages.

## Changes in Toronto Wholesale Lumber Firm

Terry & Gordon, Limited, wholesale lumber dealers, Toronto, have sent out notices to the trade announcing that from January 1st the following changes will be effected in the firm:—"A. E. Gordon will withdraw his interest and will continue in the Lumber Business on his own account. H. J. Terry, A. S. Nicholson and A. E. Cates will continue the Business under the same style as formerly, but subject to a change of name as soon as same can be conveniently arranged. The Firm as newly constituted will assume all the obligations and contracts of the Company. We extend our thanks to the Trade for their assistance and courtesy in the past and offer them our sincerest good wishes for future health, happiness and prosperity."

## Big Sale of Limits in Quebec

The largest sale of timber limits ever held in the province of Quebec at one time will take place this month under the direction of the Department of Lands and Forests. It had been decided to sell the Manicouagan River timber limits which are situated on that river on the north shore. The area of the limits is about 2,000 square miles and the location is contiguous to the limits of the Ontario Paper Co., of Thorold, from which a large quantity of pulpwood is being taken out regularly by that organization. The importance of the sale is evidenced by the fact that a deposit of \$150,000 will be asked from the successful bidder as a guarantee that he will carry out the terms of the contract. Hon. Honore Mercier, Minister of Lands and Forests, will preside over the sale.



## Lumberman Who Possesses Public Spirit

Charles S. Anglin was recently returned as an alderman for the third year for Frontenac Ward in the city of Kingston, Ont. He has served on the Fire and Light and Health Committees with efficiency and zeal, and the fact that he has been elected by acclamation to serve another term as a city father, is a tribute to the regard in which he is held by the ratepayers.

Mr. Anglin is superintendent of the Sydenham St. Methodist Church Sunday School and is a member of the Church Board. He is also a director of the Rotary and the local Y.M.C.A., and belongs to the I.O.O.F and the A.F. & A.M. His brother, Francis R. Anglin, is at present a member of the Public School Board and chairman of



Ald. C. S. Anglin, Kingston, Ont.

the Board of Directors of the Y.M.C.A. He also belongs to the Kiwanis Club and during the year 1921 was chairman of the Board of Education.

The business of S. Anglin & Co., is one of the oldest in Eastern Ontario, having been founded by the late Samuel Anglin in 1866. The firm are extensive lumber and coal merchants and their well equipped factory, mills and offices are located at the corner of Wellington & Bay Sts.

The late Samuel Anglin was a member of the City Council and the Board of Education for several years serving for one term as presiding officer of the latter body. In his day he was a staunch Conservative and a warm personal friend of the late Sir John A. Macdonald. The Anglin family have long been identified with the public life of the Limestone City and have played no small part in its welfare and stability.

## Breezy Paragraphs of Lumber Industry

The sawmill of A. M. Shaver, Copetown, Ont., was damaged by fire to the extent of \$1,500.

John H. Oldershaw, of the firm John H. Oldershaw & Son, Chatham, Ont., well known dealers of builders' supplies died recently.

McAuliffe, Davis Lumber Co., Jackson Bldg., Ottawa, are contemplating the erection of a storage shed on Duke St., to cost about \$5,000.

Sydney, N. S., building total for 1922 is more than \$40,000 greater than in 1921. Last year construction totalled 556,813; this year that total is \$598,697.

The province of New Brunswick's exports in all lines for the first six months of 1922 were \$751,245 of which the sum of \$650,000 was represented by wood and wood manufactures.

S. Bick, formerly of the Bennett Lumber Co., Limited, Montreal, has returned to Canada for a visit. He has been engaged for several months in shipping lumber from Riga to the United Kingdom.

The plans for the organization of a retailers' association in Montreal are moving ahead. At a meeting held last week there was a very good attendance and it was decided to hold another meeting at which the association will be formally organized and the officers elected.

W. J. Henry, a well-known lumber merchant, is now operating a retail yard and planing mill at Flesherton, Ont., catering to everything in the building trade. A chopping mill is also run in connec-

tion by water power. Mr. Henry is, unfortunately, compelled to sell out, defective eyesight alone being the cause.

The Wayagamack Pulp & Paper Co., of Three Rivers, Que., are very busy at the present time. There are 600 men employed in the mill while there are approximately 1,000 more in the bush employed through jobbers. This year the Wayagamack Company are lumbering on the Vermillion River.

The Fraser Companies, of Edmunston, N. B., who are manufacturers of lumber, pulp, lath and shingles, are very busy at the present time. It is said that the company's cut in the bush this year will be 150,000,000 feet of lumber, and in addition there will be large quantities of pulpwood for their sulphite pulp plants at Edmunston and on the Miramichi.

The Streetsville Lumber Co. is now in operation at Streetsville, Ont., turning out a large quantity of doors for the Pannill Door Co., of Toronto. About thirty men are employed in the Streetsville plant which is said to be operating at a profit. The initial dividend on the preferred stock of the Streetsville Lumber Co. at the rate of 8% per annum has just been declared.

E. D. Warner, who for several years has been on the staff of the Associated Mills, Limited, of Vancouver, B. C., covering Western Ontario, has resigned and joined the staff of the Kingston Road Lumber Co., Toronto. Mr. Warner will have charge of their new retail yard on North Yonge St., which is being opened at the first of the year.

Charles McDonald, formerly manager of the Allen Lumber Co., Kingston, Ont., and latterly with C. A. Larkin Co., Toronto, has joined the staff of the Fesserton Timber Co., Toronto, and will cover Montreal and the territory south. He will open an office in Montreal. Mr. McDonald was some years ago associated with the Fesserton Company, and is well known to the trade.

Hall Bros., of Shelburne, Ont., who are well known to the trade, are planning an extension to their business. It is their intention to enlarge a planing mill and install new machinery, all of which is expected to be completed early this year. The firm run a retail yard in addition and have the reputation of turning out first-class work. They say the present outlook is promising and business is good.

J. R. Wheeler, of J. R. Wheeler & Sons, Washington, Ga., was a recent caller on the trade in Toronto, Montreal and other cities. He is a manufacturer of southern pine and previous to taking up his residence in the South, was in the lumber business in Pittsburg for many years. Mr. Wheeler is a former resident of Stouffville, Ont., and spends each summer at Jackson's Point where he has an attractive summer home.

The South Bend Hardwood Club, of South Bend, Ind., among its many activities for the holiday season, sent out invitations to the children of the Orphans' Home for a huge Christmas party at the Blackstone Theatre. There was a special bill provided for the entertainment of the little ones who were brought over by special cars. This is one of the many activities which the South Bend Hardwood Club is doing for the children of that city. Charles O. Maus, of the Charles O. Maus Lumber Co., South Bend, who is well known to the lumber trade in Canada, is a leading member of the Club.

The directors of the Abitibi Power & Paper Co., Iroquois Falls, Ont., recently declared the regular quarterly dividend of 1% of the common stock. F. H. Anson, president of the company, said that the affairs had reached a state whereby the 4% rate was assured practically for an indefinite period. The directors favor a policy of making distribution of profits to shareholders as they are earned in excess of the regular rate in preference to increasing the dividend to a level where the company's ability to maintain it would be less certain.

The tug "Reliance" which belonged to the Spanish River Pulp & Paper Co., Sault Ste. Marie, Ont., was wrecked in a terrible storm off Lizard Island. All the members of the crew with the exception of four were finally rescued, after undergoing great hardships. Fred. Regan, of the forestry department of the Spanish River Pulp & Paper Co., Capt. John McPherson, manager of the Booth Fishing Co., of Sault Ste. Marie, Mich., and two brothers are among those who lost their lives. It is believed that they were drowned in an endeavor to launch their boat. The survivors were marooned on an island without shelter and went through many bitter ordeals before help arrived.

J. S. Parker, of Toronto, who for the past six years has been with the Hydro-electric Power Commission as district engineer in charge of three systems, has been appointed general-manager of Knight Bros Co., Limited, Burks Falls, Ont., succeeding the late J. H. Cole. Mr. Parker is a Toronto boy who is a graduate of the School of Practical Science and, after leaving that institution, spent about four years with Knight Bros., in charge of their electrical department and later was placed in full control as mechanical superintendent. Many friends will wish him every success in his new sphere of activity.



# Logging Now and Then—Old-Time Equipment —How the Busy Gangs Work

Lumbermen who have all the way from millions to hundreds of millions invested in their business will find it hard to believe how primitive an industry lumbering was less than a hundred years ago in this country, even at a time when a total volume of production was of very respectable proportions. According to the chapter of lumbering or "Wood-Cutting" in a volume entitled "Enterprise, Industry and Art of Man," published at Boston in 1845 by Bradbury, Souden & Company, logging was an exceedingly crude process in the region which then supplied the bulk of all the lumber produced in the United States, which was New England, chiefly Maine, says a statement by the historic research department of the National Lumber Manufacturing Association.

The motive power of the simple and squalid logging camps of those days was oxen instead of steam or electric logging railways, automotive tractors, overhead trolleys, flumes, etc. The means of conveyance of the logs from forest to mill was entirely by river current instead of by railroad and towed rafts, as is so largely done today. It may be that some of the loggers in modern lumbering camps think that they have a very hard life of it at only three to five dollars a day with meals that would put most hotels to shame for quality and all of them for quantity; with private rooms, baths, libraries, longing rooms, gramophones, radio, moving pictures, etc. But they are in a material heaven compared with their fellows of 1845, who endured the severe winters of the Maine wilderness in structures that were a little better than the tepees of the Indians, not even a stovepipe being provided for the smoke from the cooking fire in the centre of the logging hut. However, the account of the anonymous author speaks for itself and is as follows:

## Source of Comfort and Luxury

"We have already seen the operations of human enterprise and art in fishing, hunting and mining—but the forest is as important a source of comfort and luxury as any of these. The habitations of men, as well as the greater part of their furniture; many of the most useful utensils of refined, as well as barbarous life; the canoe of the savage, and the ship of the civilized; the fuel of a large portion of the human race the greater part of the machinery of manufacturing countries—are dependent upon the vegetable productions of the forest. The spontaneous supply of such materials suited to the multiplied wants of man, is a theme which may well excite the grateful admiration of every reflecting mind.

"This subject is too vast to be fully considered here; we shall only attempt to present one or two topics, which, however, may serve as an index to the whole.

"The great forests of the continent of North America afford the most plentiful supplies of timber, from which not only our own country, but the British dominions in Europe and elsewhere, derive their materials for ship-building and other purposes. These supplies, of course, are obtained chiefly from those districts which lie near the ocean, as the labor of transporting so bulky an article to navigable waters, constitutes the greater part of the expense of obtaining it. Great Britain procures her American timber from Canada and Newfoundland. The Atlantic States of the Union obtain their supplies chiefly from the forests of Maine. A valuable species of oak called "live oak," is produced in the neighborhood of Florida, and this is used chiefly in the construction of our ships of war. The State of North Carolina furnishes a species of yellow pine, and Massachusetts and New Hampshire abound with white oak, both of which are used to a great extent in ship-building of all sorts.

## Persons who Make up the Party

"The timber procured from the woods of New Brunswick, and Maine is chiefly white pine and spruce. The business of felling this timber and bringing it to market is called "lumbering," the word "lumber" being an American appellation for boards and timber in a rough state. This business employs a large number of persons, both English and American. A "lumbering party" is composed of a certain number of persons either hired by a master lumberer, who pays them wages and finds them provisions, or of individuals who enter into an understanding with each other to have a joint interest in the proceeds of their labor. The necessary supplies of provisions, clothing, etc., are generally obtained from the merchants on credit, in consideration of receiving the timber which the lumberers are to bring down the river the following summer. The stock deemed requisite for a lumbering party consists of axes, a cross-cut saw,

cooking utensils, a cask of rum, tobacco and pipes, a large supply of biscuits, pork, beans, fish, peas, etc., for soup, with a cask of molasses to sweeten the beer which they draw from spruce and hemlock. Two or three yoke of oxen, with sufficient hay to feed them, are also required to haul the timber out of the woods.

"When all is ready, the lumberers proceed up the rivers into the thickest of the woods, where they select a favorable spot for their work, which is as near a stream of water as possible. They begin by clearing away a few of the surrounding trees, and building a log hut, which is roofed with bark, and provided with a cellar for lodging such of their goods as are liable to injury from the frost. The fire-place is in the middle of the hut, and the smoke goes out through a hole in the roof. Hay, straw, or branches of trees are spread on the ground, on which they lie down at night to sleep, with their feet to the fire which is kept constantly alive. One person officiates as cook, whose duty it is to have breakfast ready before daylight, at which time all the party rise, and each takes his "morning," or the indispensable dram of spirits before breakfast.

Immediately after this meal, they divide into three "gangs," one of which cuts down the trees, another hews them and the third is employed with the oxen or horses in hauling the timber either to one general road leading to the banks of the nearest stream, or at once to the stream itself. The whole winter is thus spent in unremitting labor. The ground is covered with snow two or three feet deep from the beginning of winter until April, and in the midst of the woods until nearly the end of May. When the thaws come on in April, the rivers rise, or in the phrase of the lumberers, the "freshets come down." At this time, all the timber cut during the winter is thrown into the water and floated down the head streams, until the river becomes sufficiently wide to make the whole collection into rafts.

## Floating Rafts Down St. Lawrence

"The construction of the vast masses of timber floated down the St. Lawrence and other great streams of North America is generally as follows. The raftsmen commence floating twenty or more pieces of timber alongside of each other, with the ends into a line. These ends are then bound close together by placing logs across, and binding one log to another with poles and switches. The size of the raft is then increased by adding pieces of timber in the same manner, until the whole lot to be rafted is joined together in one flat mass. The water at this season is excessively cold, yet for weeks together the lumberers are in it from morning till night; and seldom less than six weeks elapse from the time that the floating of the timber commences, till the rafts are delivered to the merchants.

"Hardly any course of life can more surely undermine the constitution, or be more injurious to health than that of a lumberer and raftsmen. The winter snow and frost although severe, are nothing to endure in comparison with the extreme coldness of the snow-water of the freshets, in which he is, day after day, wet up to the middle, and very often immersed from head to foot. The very vitals are thus chilled and sapped. The intense heat of a summer sun, a transition which almost immediately follows, must further weaken and reduce the whole frame and premature old age is the inevitable fate of a lumberer.

But notwithstanding all the toils of such a pursuit, those who once adopt this life seem fascinated with it and prefer it to any other. They are, in most respects, as independent as the Indians. After disposing of their rafts, they pass some weeks in idle indulgence, drinking, smoking, and dashing off in a long coat, dandy waistcoat and trousers, a handkerchief of many colors around the neck, a watch with a long tinsel chain and numerous brass seals, and an umbrella. At the end of the warm season they throw off all this finery, return to the woods, and recommence their laborious occupation.

The advice to plant nut-bearing trees for shade and ornament in the older settled section of Canada is good, but, as most of it comes from other countries where the conditions are different, it must be taken with discretion. One very useful point in a recent article was to the effect that walnuts may be grown wherever peaches thrive. It is true that walnut trees have been grown where peaches are not generally cultivated, but as a rule the walnut will not attain its best development where it is too cold to grow peaches.



### Budget of Briefs From Busy East

Archibald Fraser, a prominent lumberman of the province of New Brunswick, and also a holder of large pulp and timber lands in Nova Scotia, passed through St. John recently en route to Halifax. Speaking of the pulp industry he said it is not at present very promising, partly due to the fact that Scandinavian countries are becoming serious competitors with Canadian pulp in the United States. In the lumber industry, however, he said, there will be a large cut this year in the New Brunswick woods which is an indication of pre-war conditions. He pointed out that inquiries from overseas showed an improvement and that the United States market is good.

With reference to the prospects of the pulp and paper industry in Nova Scotia, Mr. Fraser said, he believed them bright. He pointed out that there is a lot of good wood there, but the water power he believed too small for any very extensive development in this line. He said it takes 10,000 horse-power to make one hundred tons of newsprint a day.

With reference to forest conservation his idea is to keep the forests free of fires. He believes that if fire can be prevented the forests will not need any reforestation.

From reports reaching the correspondent of the "Canada Lumberman" from all sections of the Province of New Brunswick lath sawing operations are exceptionally brisk. This is evidently making quite a difference in the size of the cut in many sections. From Fredericton comes the report that despite lateness of the season many applications are being received there for sawmill licenses.

Just what quantity of lumber will be cut in the province of New Brunswick this season is problematical but as near as can be estimated it will be somewhere in the vicinity of 400,000,000 feet. This is twice as large as last season and is very encouraging. In some sections men are still in demand in order to rush to completion big contracts. This great activity is attributed to improved market conditions. On Crown lands in the province it is estimated that over 200,000,000 feet will be cut.

For some time large quantities of pulpwood have been piled along the railways and other places in New Brunswick, but these are at last disappearing, having been bought up. From the northern part of the province it is reported that large quantities of pulpwood are now being cut. There is also a good cut of railway ties. One prominent lumberman, when asked recently about how many men are employed in the lumber industry in the woods this season said it would be quite hard to estimate accurately, but thought there would be at least nine thousand. This has helped to solve the unemployment problem in this province and has been the means of a livelihood for many.

Hon. C. W. Robinson, Minister of Lands and Mines of New Brunswick, while in St. John recently said that there is a great demand for lath and that extra large amounts are being cut. In connection with their manufacture he pointed out that they are being produced from the lumber that had been killed by the spruce budworm. Even with the huge amount being utilized for this purpose he said that large quantities of dead spruce and fir still standing could not be salvaged before it is past being of use for this purpose. Asked about reports that there would be an exceptionally heavy lumber cut this season, he said, that although it would be much greater than last year he did not expect that the season's cut would be more than normal.

Recent heavy snowfall was not greatly appreciated by lumbermen throughout the province as in many sections it has made teaming very difficult. The car shortage has proved to be a handicap to provincial shippers, who are daily clamoring for more. Senator F. B. Black of Sackville is operating two lumber camps this season in the Upper Aboushagan district in Westmoreland county.

A report from Harcourt N. B. says that lumbering operations in that district are being carried on somewhat more extensively than was the case last year. Bert L. Keswick has a large crew of men employed at his mill at Upper Main River, mostly laths. Robert Shirley has contracted with the Fraser Company to cut and get out to the river bank two million feet. James Fahey has a camp operating back of Birch Ridge and has twenty-five men there. He expects to be busy cutting and hauling until late in the spring. At Clairville, John Brown, has resumed operations about three miles back of the village of Adamsville. Adam Robinson, also of Clairville, has about forty men employed in his camp to the north of Harcourt. As a result of this the report adds that, with the increase in the number of men employed in the camps and the higher rate of pay which men are getting, life has assumed a much brighter prospect than it had a year ago.

Two timber berths were sold recently at the Crown land office in Fredericton. The upset price was \$20 per square mile and competition developed in each case. Two square miles on the St. Croix river, Charlotte county, was bid in for \$215 per square mile by Charles Anderson of McAdam. Two square miles on Mazeroll Brook, Cain's river, were bid in by the applicant, George M. Hayes, for \$25 per square mile.

### Mr. Payette is Mayor Once More

J. T. Payette has been re-elected Mayor of Penetanguishene, Ont., for the coming year. This speaks highly of the confidence re-



J. T. Payette, Penetanguishene, Ont.

posed in him and the esteem in which he is held by the citizens of the northern town. He has always taken an active interest in the welfare and advancement of Penetanguishene.

### The Agenda for Ontario Convention

The complete agenda for the three days' convention of the Ontario Retail Lumber Dealers' Association at the Prince Edward Hotel, Windsor, on Wednesday, Thursday and Friday, January 24th, 25th and 26th is now complete. The subjoined outline will be followed pretty closely and just how many of the items will be taken up from day to day, will be decided a little later on.

- Registration at the Prince Edward Hotel, Windsor.
- Meeting of 1922 Directors.
- Prayer by Rev. Robert Bennie of Leamington.
- Minutes of previous meeting.
- Welcome from Mayor Wilson.
- President's address.
- Treasurer's Reports—Association and Monthly Bulletin.
- Secretary's Report.
- Committee Reports:—
  - Membership.
  - Arbitration.
  - Legislation and Transportation, B. F. Clarke.
  - Insurance and Compensation; W. C. Laidlaw.
- Appointment of Committee on Resolutions.
- Reports from Districts and Branches.
- Trade Ethics Among Retailers—F. B. VanDusen.
- Our Plan Service—C. L. Bowes.
- Financing Dwelling Construction—S. Herath.
- Stopping a Big Leak in Retail Lumber Business—M. R. Bogart.
- Apprentices for Planing Mills—Robert Bennie.
- A. Shippers' Rating Bureau—K. J. Shirton.
- An Association Trade Mark—J. C. Scofield.
- Standard Sizes and Grades for Lumber—W. M. Tupling.
- Relations between Wholesaler, Retailer and Contractor—A. R. Sanders.
- Accident Prevention—George H. Arnott.
- Fire Prevention—Clarence DeFields—Fire Chief of Windsor.
- B. C. Lumbering Movie.
- Report of Committee on Resolutions.
- Discussion of Resolutions.
- 1923—Midsummer Outing.
- Election of Officers.
- New Business.





### Pulpwood Demand Shows Some Increase

The pulpwood business, insofar as it refers to the district of Quebec, has somewhat improved. Those engaged in the trade make the statement that the demand from the American mills is on the increase and that the minimum of transportation is more satisfactory since the arrangement was made between the American railroads to release Canadian cars. The Quebec dealers do not expect to make very heavy shipments of pulpwood to the United States mills this winter. They say that not more than fifty per cent. normal will be shipped and this largely to the Watertown, N.Y. district at a price of \$19 per cord, delivered at the mills.

In regard to the stock on hand at the various bases of supply, the dealers say that though ample for present demand, it is only one-half the quantity what it was in the past. The farmers did not cut pulpwood to any extent last summer on their woodlands owing to the slowness of demand and depreciation in prices, but it is anticipated that the prices will take an upward trend this winter to induce the farmers to cut a large supply of wood for shipment next summer. In the meantime the limit holders are preparing to cut a large quantity of pulpwood for the Canadian paper mills this coming season along with the big cut of logs for the manufacture of deals and square timber, for which they expect a good demand in 1923.

### Mr. Millen Observes Diamond Wedding

George H. Millen, president and general-manager of the E. B. Eddy Co., Hull, Que., and wife observed the diamond anniversary of their wedding on December 18th. The venerable couple are in good health and received the congratulations of a large number of friends on the 60th celebration of their long wedded life.

Mr. Millen, who is now in his 85 year, says that he and his life companion have yet to have their first quarrel. After fighting in the American Civil War, he came to Hull to repair and take charge of sawmill belonging to the late E. B. Eddy, with which organization he has been identified ever since, rising from an humble post to be the directing head of the firm and enjoying the esteem and respect of its 3,000 employees.

### Believe Building Papers Will Boom

The Strathcona Paper Co., Limited, of Strathcona, Ont., who are manufacturers of all grades of boxboard, building and wrapping papers state that they believe 1923 will be a good one and the outlook for building is bright. Prices for sheathing papers will, they think, remain about the same. The company are now putting their beater room and boiler rooms into shape so that they will run both machines during the coming year.

### Pulpwood Curve Shows Upward Trend

E. A. Sterling, vice-president of the Lincoln Mills, Limited who have mills at Merriton, Ont., and Little Cascapedia, Que., is in charge of the Woods Department of that organization. In a recent letter on the pulpwood production, prices and outlook, Mr. Sterling says:—

The improved trend in the pulp and paper market should logically increase production and create a strong demand for pulpwood at higher prices. Actually, according to my observation, this has not taken place to the extent which might be expected, although the curve of pulpwood demand and prices has shown a definite upward trend for some time.

There is considerable wood on hand at some of the mills, while others have reduced their inventory to the point where it must be replenished during the winter. On the whole, the pulpwood supply at the mills seems to show a great irregularity, but we are advised that the totals or averages of the stocks on hand are below normal.

Of the old wood on hand for sale, there are comparatively large supplies in some localities, but the wood has greatly deteriorated, and must be culled heavily to be acceptable. Moreover, this wood must be moved before spring, or it will have little or no value. Ap-

parently some of the mills are waiting for new wood rather than buying the old, which perhaps accounts for the lighter demand than would be expected in view of the increased production. At best it is a difficult situation to analyze, and we do not look for any marked change during the next two or three months.

### Evidence Heard in Pulpwood Suit

Evidence has been concluded in the proceedings in which the Chicoutimi Pulp Co., of Chicoutimi, Que., is claiming from thirty-two insurance companies \$1,020,000 for losses sustained through a fire which in July last destroyed about 28,000 tons of mechanical pulp in the yards of the company at Port Alfred which is not far from Ha Ha Bay. The insurance companies contend that the demands made on the policies were too high. An arbitration was, therefore, resorted to under the provision of the Quebec Insurance law. Beck & Co., of London, England, and the Molsons Bank are interested with the Chicoutimi Company in the insurance claims.

The arbitrators are the Right Hon. C. J. Doherty, K. C., chairman; the Hon. A. W. Atwater, K. C., and A. F. C. Ross, chartered accountant.

Port Alfred, where the fire took place, is a newly-constructed town at the end of Ha Ha Bay. It is the shipping point for the products of three of the largest sulphate mills in the Chicoutimi district, and the pulp which was destroyed was the production of a hundred days of work in the Chicoutimi and Val Jalbert Mills. The pulp was awaiting shipment to Europe.

### New Line Will Tap Much Pulpwood

A. G. Slaght, of Toronto, in an address delivered recently before the Kiwanis Club, said that the extension of the Temiskaming & Northern Ontario Railway from Cochrane to James Bay would be a paying investment. This line of 185 miles is being built by the Ontario Government at an ultimate cost of \$12,000,000. Water power potentially of 500,000 h.p. will be tapped as well as a country rich in pulpwood, timber, precious metals, etc. Mr. Slaght made the declaration that the pulp and paper resources along the new route justified the building of the railway and said that several large plants would be established in the north as a result of the new country which is being opened up.

### Will Pulpwood Embargo be Extended?

The embargo on pulpwood exports from Canadian Crown lands is likely to be extended to all forest lands in the Dominion, says Chief Forester William B. Greeley in the annual report of the Forest Service, United States Department of Agriculture, recently issued at Washington.

Should this be done, he adds, raw wood from Canada will be completely shut off as a source of supply for the paper industry of the United States. The paper mills of this country now draw one-third of their requirements from Canada, and northeastern mills have already been seriously handicapped by the present embargo.

"This illustrates," the report continues, "the hazard of becoming dependent upon foreign supplies. The rapid increase in lumber shipments through the Panama Canal foreshadows the time, in the near future, when the principle source of soft wood lumber for the entire nation will have shifted to the west coast and the average freight cost paid by the home builder or manufacturer will have advanced to a new and higher level.

"When the coniferous virgin timber of the far West is exhausted in its turn, if the principal source of supply shifts to Siberia or South America, the transportation conditions which control the present lumber market will become different only in degree. Further, as the sources of supply become more restricted and more distant from the principal centres of consumption, opportunities for competition are lessened; and temporary shortages due to bad seasons, labor troubles, or congestion of transportation facilities are more probable and more severe. Thus the conditions of the trade become more favorable to monopolistic control, to violent market fluctuations, and to high prices.



# CURRENT LUMBER PRICES—WHOLESALE

## TORONTO

(In Car Load Lots, F.O.B. cars Toronto)

### White Pine

1 x 4/7 Good Strips	\$110.00	\$115.00
1 1/4 & 1 1/2 x 4/7 Good Strips	125.00	130.00
1 x 8 and up Good Sides	150.00	160.00
2 x 4/7 Good Strips	130.00	140.00
1 1/4 & 1 1/2 x 8 and wider Good Sides	185.00	190.00
2 x 8 and wider Good Sides	190.00	200.00
1 in. No. 1, 2 and 3 cuts	75.00	80.00
5/4 and 6/4 No. 1, 2 and 3 cuts	90.00	95.00
2 in. No. 1, 2 and 3 cuts	105.00	110.00
1 x 4 and 5 Mill Run	52.00	53.00
1 x 6 Mill Run	54.00	55.00
1 x 7, 9 and 11 Mill Run	52.00	53.00
1 x 8 Mill Run	55.00	56.00
1 x 10 Mill Run	57.00	60.00
1 x 12 Mill Run	64.00	66.00
5/4 and 6/4 x 5 and up Mill Run	59.00	61.00
2 x 4 Mill Run	53.00	54.00
2 x 6 Mill Run	55.00	56.00
2 x 8 Mill Run	57.00	58.00
2 x 10 Mill Run	59.00	61.00
2 x 12 Mill Run	65.00	67.00
1 in. Mill Run Shorts	33.00	34.00
1 x 4 and up 6/16 No. 1 Mill Culls	31.00	33.00
1 x 10 6/16 No. 1 Mill Culls	36.00	37.00
1 x 12 6/16 No. 1 Mill Culls	36.00	37.00
1 x 4 and up 6/16 No. 2 Mill Culls	24.00	25.00
1 x 10 12 6/16 No. 2 Mill Culls	29.00	30.00
1 x 4 and up 6/16 No. 3 Mill Culls	17.00	18.00

### Red Pine

(In Car Load Lots, F.O.B. Toronto)

1 x 4 and 5 Mill Run	36.00	37.00
1 x 6 Mill Run	38.00	39.00
1 x 8 Mill Run	40.00	41.00
1 x 10 Mill Run	45.00	47.00
2 x 4 Mill Run	38.00	39.00
2 x 6 Mill Run	38.00	39.00
2 x 8 Mill Run	40.00	41.00
2 x 10 Mill Run	44.00	45.00
2 x 12 Mill Run	47.00	48.00
1 in. Clear and Clear Face	75.00	76.00
2 in. Clear and Clear Face	80.00	82.00

### Jack Pine

Mill Run (mill culls and dead culls out)		
2 x 4	35.00	36.00
2 x 5, 2 x 6	35.00	36.00
2 x 8	39.00	40.00
2 x 10	42.00	44.00
1 x 4 and wider	34.00	36.00
Mill Culls and Sound Wormy		
1 x 4 and wider	28.00	30.00
2 x 4 and wider	29.00	31.00

### Spruce

Mill Run (mill culls and dead culls out)		
1 x 4, and 5	\$35.00	\$36.00
1 x 6	36.00	37.00
1 x 8	38.00	39.00
1 x 10	41.00	42.00
1 x 12	46.00	47.00
2 x 4	34.00	35.00
2 x 6	36.00	37.00
2 x 8	38.00	39.00
2 x 10	42.00	44.00
2 x 12	46.00	47.00

### Mill Culls

1 x 4 and up No. 1	27.00	29.00
2 x 4 and up No. 1	28.00	31.00

### Hemlock (M R)

(In Car Load Lots, F.O.B. Toronto)

1 x 4 and 5 in. x 9 to 16 ft.	\$25.00	\$26.00
1 x 6 in. x 9 to 16 ft.	33.00	34.00
1 x 8 in. x 9 to 16 ft.	34.00	35.00
1 x 10 and 12 in. x 9 to 16 ft.	35.00	37.00
1 x 7, 9 and 11 in. 9 to 16 ft.	34.00	35.00
2 x 4 to 12 in. 10/16 ft.	35.00	36.00
2 x 4 to 12 in. 18 ft.	40.00	41.00
2 x 4 to 12 in. 20 ft.	41.00	42.00
1 in. No. 2, 6 ft. to 16 ft.	25.00	27.00

### Fir Flooring

(In Car Load Lots, F.O.B. Toronto)

Fir flooring, 1 x 3 and 4", No. 1 and 2 Edge Grain	\$75.00	
Fir flooring, 1 x 3 and 4", No. 1 and 2 Flat Grain	\$59.00	
1 x 4 to 12 No. 1 and 2 Clear Fir, Rough	81.50	
1 1/4 x 4 to 12 No. 1 and 2 Clear Fir, Rough	85.50	
2 x 4 to 12 No. 1 and 2 Clear Fir, Rough	81.50	
3 & 4 x 4 to 12 No. 1 & 2 Clear Fir, Rough	89.50	
1 x 4, 5 and 6 in. Fir Casing	81.75	
1 x 8 and 10 Fir Base	86.25	

1 1/4 and 1 1/2 8, 10 and 12 in. E.G.

Stepping ..... 97.25

1 1/4 and 1 1/2 8, 10 and 12 in. F.G.

Stepping ..... 87.25

1 x 4 to 12 Clear Fir, D4S ..... 80.25

1 1/4 and 1 1/2 x 4 to 12 Clear Fir,

D4S ..... 84.00

XX Shingles, 6 butts to 2", per M. .... 3.50

XXX Shingles, 6 Butts to 2" per M. .... 5.00

XXXXX Shingles, 5 butts to 2", per M. .... 5.90

### Lath

(F.O.B. Mill)

No. 1 White Pine ..... \$11.00

No. 2 White Pine ..... 10.00

No. 3 White Pine ..... 8.00

Mill Run White Pine, 32 in. .... 4.00

Merchantable Spruce Lath, 4 ft. .... 7.00

## TORONTO HARDWOOD PRICES

The prices given below are for car loads f.o.b. Toronto, from wholesalers to retailers, and are based on a good percentage of long lengths and good widths, without any wide stock having been sorted out.

### Ash, White

(Dry weight 3,800 lbs. per M. ft.)

	1s & 2s	No. 1 Com.	No. 2 Com.
1"	\$105.00	\$ 70.00	\$ 45.00
1 1/4 and 1 1/2"	115.00	75.00	50.00
2 1/2 and 3"	130.00	90.00	60.00
4"	155.00	100.00	65.00

### Ash, Brown

1"	\$105.00	\$ 60.00	\$ 40.00
1 1/4 and 1 1/2"	110.00	65.00	42.00
2"	120.00	70.00	45.00

### Birch

(Dry weight 4,000 lbs. per M. ft.)

	1s & 2s	Sels.	No. 1 Com.	No. 2 Com.
4/4	\$120.00	\$ 75.00	\$ 50.00	\$ 30.00
5/4	125.00	80.00	50.00	32.00
6/4	125.00	80.00	50.00	32.00
8/4	128.00	87.00	60.00	38.00
12/4	130.00	95.00	65.00	45.00
16/4	135.00	110.00	80.00	50.00

### Basswood

(Dry weight 2,500 lbs. per M. ft.)

	1s & 2s	No. 1 Com.	No. 2 Com.
4/4	\$80.00	\$55.00	\$30.00
5/4 and 6/4	85.00	60.00	35.00
8/4	90.00	60.00	30.00

### Chestnut

(Dry weight 2,800 lbs. per M. ft.)

	1s & 2s	No. 1 Com.	Sound Wormy
1"	\$140.00	\$ 81.00	\$ 37.00
1 1/4 to 1 1/2"	150.00	95.00	39.00
2"	160.00	105.00	40.00

### Maple, Hard

(Dry weight 4,000 lbs. per M. ft.)

	F.A.S.	Sels.	No. 1 Com.	No. 2 Com.
4/4	90.00	65.00	45.00	30.00
5/4	100.00	70.00	50.00	30.00
6/4	100.00	70.00	50.00	35.00
8/4	105.00	75.00	55.00	37.00
12/4	110.00	80.00	55.00	40.00
16/4	125.00	90.00	60.00	30.00

### Elm, Soft

(Dry weight 3,000 lbs. per M. ft.)

	1s & 2s	No. 1 Com.	No. 2 Com.
4/4	\$75.00	\$50.00	\$30.00
8/4	85.00	60.00	35.00
12/4	110.00	80.00	45.00

### Gum, Red

(Dry weight 3,300 lbs. per M. ft.)

	1s & 2s	No. 1 Com.	1s & 2s	No. 1 Com.
1"	\$125.00	\$78.00	\$130.00	\$80.00
1 1/4"	130.00	83.00	135.00	88.00
1 1/2"	130.00	83.00	135.00	88.00
2"	135.00	88.00	140.00	90.00

### Gum, Sap

	1s & 2s	No. 1 Com.
1"	\$65.00	\$50.00
1 1/4 and 1 1/2"	68.00	55.00
2"	75.00	60.00

### Hickory

(Dry weight 4,500 lbs. per M. ft.)

	1s & 2s	No. 1 Com.
1"	\$125.00	\$70.00
1 1/4"	145.00	70.00
1 1/2"	145.00	75.00
2"	150.00	80.00

### Quarter Cut Red Oak

	1s & 2s	No. 1 Com.
4/4	\$150.00	\$85.00
5/4 and 6/4	160.00	90.00
8/4	170.00	95.00

### Plain White and Red Oak

(Plain sawed. Dry weight 4,000 lbs. per M. ft.)

	1s & 2s	No. 1 Com.
4/4	\$135.00	\$80.00
5/4 and 6/4	145.00	90.00
8/4	160.00	95.00
10/4	170.00	100.00
12/4	175.00	105.00
16/4	185.00	110.00

### White Oak, Quarter Cut

(Dry weight 4,000 lbs. per M. ft.)

	1s & 2s	No. 1 Com.
4/4	\$160.00	\$ 90.00
5/4 and 6/4	170.00	100.00
8/4	180.00	105.00

## OTTAWA

### Manufacturers' Prices

#### Pine

Good sidings:	
1 in. x 7 in. and up	\$130.00
1 1/4 in. and 1 1/2 in. 8 in. and up	\$165.00
2 in. x 7 in. and up	165.00
No. 2 cuts 2 x 8 in. and up	75.00

Good strips:	
1 in.	\$95.00 100.00
1 1/4 in. and 1 1/2 in.	115.00
2 in.	120.00

Good shorts:	
1 in. x 7 in. and up	95.00
1 in. 4 in. to 6 in.	70.00
1 1/4 in. and 1 1/2 in.	95.00
2 in.	100.00

7 in. to 9 in. A sidings	54.00 56.00
No. 1 dressing sidings	70.00 74.00
No. 1 dressing strips	62.00
No. 1 dressing shorts	50.00 53.00

1 in. x 4 in. s.c. strips	48.00
1 in. x 5 in. s.c. strips	48.00
1 in. x 6 in. s.c. strips	54.00
1 in. x 7 in. s.c. strips	54.00

1 in. x 8 in. s.c. strips, 12 to 16 ft.	54.00
1 in. x 10 in. M.R.	60.00
S.C. sidings, 1 1/2 and 2 in.	58.00 60.00
S.C. strips 1 in.	56.00

1 1/4, 1 1/2 and 2 in.	50.00
S.C. shorts, 1 x 4 to 6 in.	40.00
S.C. and bet, shorts, 1 x 5	35.00
S.C. and bet, shorts, 1 x 6	38.00
S.C. shorts, 6-11 ft., 1 x 10 in.	45.00

Box boards:	
1 in. x 4 in. and up, 6 ft.-11 ft.	36.00
1 in. x 3 in. and up, 12 ft.-16 ft.	32.00

Mill cull shorts, 1 in. x 4 in. and x 4 in. and up, 12 ft. and up	24.00 22.00
Mill culls, strips and sidings, 1 in. up, 6 ft. to 11 ft.	24.00
O. culls r and w p	21.00

### Red Pine, Log Run

Mill Culls out, 1 in.	34.00
Mill culls out, 1 1/4 in.	34.00
Mill culls out, 1 1/2 in.	34.00
Mill culls out, 2 in.	34.00
Mill culls, white pine, 1 in. x 7 in. and up	30.00 32.00

### Mill Run Spruce

1 in. x 4 in. and up, 6 ft.-11 ft.	28.00
1 in. x 4 in. and up, 12 ft.-16 ft.	35.00 37.00



# CURRENT LUMBER PRICES—WHOLESALE

1" x 9"-10" and up, 12 ft.-16 ft. . .	43.00
1 1/4" x 7, 8 and 9" up, 12 ft.-16 ft. . .	40.00
1 1/4" x 10 and up, 12 ft.-16 ft. . .	43.00
1 1/2" x 12" x 12" and up, 12'-16'	47.00
Spruce, 1 in. clear fine dressing	47.00
and B . . . . .	57.00
Hemlock, 1 in. cull . . . . .	60.00
Hemlock, 1 in. log run . . . . .	24.00
Hemlock, 2 x 4, 6, 8, 10 12/16 ft. . .	28.00
Tamarac . . . . .	25.00
Basswood, log run, dead culls out . .	45.00
Basswood, log run, mill culls out . .	50.00
Birch, log run . . . . .	60.00
Soft Elm, common and better, . .	68.00
1, 1 1/2, 2 in. . . . .	58.00
Ash, black, log run . . . . .	62.00
1 x 10 No. 1 barn . . . . .	57.00
1 x 10 No. 2 barn . . . . .	51.00
1 x 8 and 9 No. 2 barn . . . . .	47.00

## Lath per M.:

No. 1 White Pine, 1 1/4 in. x 4 ft. . .	11.00
No. 2 White Pine . . . . .	10.00
Mill run White Pine . . . . .	8.00
Spruce, mill run, 1 1/2 in. . . . .	9.00
Red Pine, mill run . . . . .	7.00
Hemlock, mill run . . . . .	6.00

## White Cedar Shingles

XXXX, 18 in. . . . .	7.00
Clear butt 18 in. . . . .	6.00
18 in. XX . . . . .	4.00

## QUEBEC

### White Pine (At Quebec)

	Cts.	Per Cubic Ft.
First class Ottawa waney, 18 in. average according to lineal . .	100	110
19 in. and up average . . . . .	110	120

### Spruce Deals (At Mill)

3 in. unsorted, Quebec, 4 in. to 6 in. wide . . . . .	\$20.00	\$22.00
3 in. unsorted, Quebec, 7 in. to 8 in. wide . . . . .	24.00	25.00
3 in. unsorted, Quebec, 9 in. wide . .	30.00	35.00

### Oak (At Quebec)

	Cts.	Per Cubic Ft.
According to average and quality, 55 ft. cube . . . . .	125	130

### Elm (At Quebec)

According to average and quality, 40 to 45 ft. cube . . . . .	130	140
According to average and quality, 30 to 35 ft. . . . .	100	125

### Export Birch Planks (At Mill)

1 to 4 in. thick, per M. ft. . . . .	\$30.00	\$35.00
--------------------------------------	---------	---------

## ST. JOHN, N.B.

(From Yards and Mills—Wholesale)

### Rough Lumber

2x3, 2x4, 3x3, 3x4, Rgh. Merch. Spr. .	\$25.00
2x3, 2x4, 3x3, 3x4, Dressed 1 edge. .	26.00
2x3, 2x4, 3x3, 3x4, Dressed 4 sides .	32.00
2x6, 2x7, 3x5, 4x4, 4x6, all rough . .	26.00
2x8, 3x7, 5x5, 6x6, . . . . .	35.00
2x9, 3x8, 6x8, 7x7, . . . . .	36.00
2x10, 3x9, . . . . .	38.00
2x12, 3x10, 3x12, 8x8 and up . . . . .	27.00
Merch. Spr. Bds. Rough, 1x3-4&5 . . .	26.00
Merch. Spr. Bds. Rough, 1x7 & up. . .	40.00
Refuse Bds., Deals and Setgs. . . . .	20.00
Above Random lengths up to 18-0 long. .	
Lengths 19-0 and up \$5.00 extra per M. .	
For planing Merch. and Refuse Bds. add	\$2.00
per M. to above prices. . . . .	
Laths, \$7.00. . . . .	

### Shingles

	Per M.
Cedar, Extras . . . . .	\$5.75
Cedar, Clears . . . . .	4.75
Cedar, 2nd Clears . . . . .	3.75
Cedar, Extra No. 1 . . . . .	2.25
Spruce . . . . .	3.25

## SARNIA, ONT.

### White Pine—Fine, Com. and Better

1 x 6 and 8 in . . . . .	\$120.00
1 in., 8 in. and up wide . . . . .	135.00
1 1/4 and 1 1/2 in. and up wide . . . .	180.00
2 in. and up wide . . . . .	180.00

### Cuts and Better

4/4 x 8 and up No. 1 and better . . .	135.00
5/4 and 6/4 and up No. 1 and better .	152.00
8/4 and 8 and up No. 1 and better . .	152.00

### No. 1 Cuts

1 in. 8 in. and up wide . . . . .	115.00
1 1/4 in., 8 in. and up wide . . . . .	125.00
1 1/2 in., 8 in. and up wide . . . . .	125.00
2 in., 8 in. and up wide . . . . .	130.00
2 1/2 in. and 3 in., 8 in. and up wide .	175.00
4 in., 8 in. and up wide . . . . .	185.00

### No. 1 Barn

1 in., 10 to 16 ft. long . . . . .	\$ 75.00	\$ 85.00
1 1/4, 1 1/2 and 2 in., 10/16 ft. . . . .	80.00	85.00
2 1/2 to 3 in., 10/16 ft. . . . .	85.00	100.00

### No. 2 Barn

1 in., 10 to 16 ft. long . . . . .	65.00	75.00
1 1/4, 1 1/2 and 2 in., 10/16 ft. . . . .	66.00	66.00
2 1/2, 1 1/2 and 3 in. . . . .	85.00	

### No. 3 Barn

1 in., 10 to 16 ft. long . . . . .	48.00	55.00
1 1/4, 1 1/2 and 2 in., 10/16 ft. . . . .	50.00	56.00

### Box

1 in. 1 1/4 and 1 1/2 in. 10/16 ft. . . .	32.00	35.00
---	-------	-------

### Mill Culls

Mill Run Culls—	
1 in., 4 in. and up wide, 6/16 ft. . . .	26.00
1 1/4, 1 1/2 and 2 in. . . . .	27.00

## BUFFALO and TONAWANDA

### White Pine Wholesale Selling Price

Uppers, 4/4 . . . . .	\$225.00
Uppers, 5/4 to 8/4 . . . . .	225.00
Uppers, 10/4 to 12/4 . . . . .	250.00
Selects, 4/4 . . . . .	200.00
Selects, 5/4 to 8/4 . . . . .	200.00
Selects, 10/4 to 12/4 . . . . .	225.00
Fine Common, 4/4 . . . . .	155.00
Fine Common, 5/4 . . . . .	170.00
Fine Common, 6/4 . . . . .	170.00
Fine Common, 8/4 . . . . .	170.00
No. 1 Cuts, 4/4 . . . . .	120.00
No. 1 Cuts, 5/4 . . . . .	130.00
No. 1 Cuts, 6/4 . . . . .	140.00
No. 1 Cuts, 8/4 . . . . .	150.00
No. 2 Cuts, 4/4 . . . . .	70.00
No. 2 Cuts, 5/4 . . . . .	100.00
No. 2 Cuts, 6/4 . . . . .	110.00
No. 2 Cuts, 8/4 . . . . .	115.00
No. 3 Cuts 5/4 . . . . .	63.00
No. 3 Cuts, 6/4 . . . . .	68.00
No. 3 Cuts, 8/4 . . . . .	70.00
Dressing, 4/4 . . . . .	95.00
Dressing, 4/4 x 10 . . . . .	98.00
Dressing, 4/4 x 12 . . . . .	110.00
No. 1 Moulding, 5/4 . . . . .	155.00
No. 1 Moulding 6/4 . . . . .	155.00
No. 1 Moulding 8/4 . . . . .	160.00
No. 2 Moulding, 5/4 . . . . .	125.00
No. 2 Moulding, 6/4 . . . . .	125.00
No. 2 Moulding, 8/4 . . . . .	130.00
No. 1 Barn, 1 x 12 . . . . .	93.00
No. 1 Barn, 1 x 6 and 8 . . . . .	79.00
No. 1 Barn, 1 x 10 . . . . .	83.00
No. 2 Barn, 1 x 6 and 8 . . . . .	65.00
No. 2 Barn, 1 x 10 . . . . .	66.00
No. 2 Barn, 1 x 12 . . . . .	78.00
No. 3 Barn, 1 x 6 and 8 . . . . .	47.00
No. 3 Barn 1 x 10 . . . . .	49.00
No. 3 Barn 1 x 12 . . . . .	52.00
No. 1 Box 1 x 6 and 8 . . . . .	42.00
No. 1 Box 1 x 10 . . . . .	43.00
No. 1 Box, 1 x 12 . . . . .	44.00
No. 1 Box, 1 x 13 and up . . . . .	45.00

## BUFFALO

The following quotations on hardwoods represent the jobber buying price at Buffalo and Tonawanda.

### Sap Birch

1 in. . . . .	90.00	45.00	30.00
5/4 and up . . . . .	100.00	50.00	30.00

## Maple

	1s & 2s	No. 1 Com.	No. 2 Com.
1 in. . . . .	\$ 75.00	\$ 45.00	\$ 28.00
5/4 to 8/4 . . . . .	80.00	50.00	28.00
10/4 to 4 in. . . . .	85.00	55.00	28.00

## Soft Elm

1 in. . . . .	70.00	45.00	30.00
5/4 to 2 in. . . . .	75.00	50.00	30.00

## Red Birch

1 in. . . . .	120.00	75.00	
5/4 and up . . . . .	125.00	80.00	

## Basswood

1 in. . . . .	75.00	45.00	30.00
5/4 to 2 in. . . . .	85.00	55.00	35.00

## Plain Oak

1 in. . . . .	95.00	55.00	35.00
5/4 to 2 in. . . . .	105.00	65.00	40.00

## White Ash

1 in. . . . .	85.00	48.00	30.00
5/4 to 2 in. . . . .	90.00	52.00	30.00
10/4 and up . . . . .	110.00	65.00	30.00

## BOSTON

Quotations given below are for highest grades of Michigan and Canadian White Pine and Eastern Canadian Spruce as required in the New England market in car loads.

White Pine Uppers, 1 in. . . . .	\$232.00
White Pine Uppers, 1 1/4, 1 1/2, 2 in. . .	232.00
White Pine Uppers, 2 1/2, 3 in. . . . .	250.00
Selects, 1 in. . . . .	207.00
Selects, 1 1/4, 2 in. . . . .	207.00
Selects, 2 1/2, 3 in. . . . .	232.00
Fine Common, 1 in., 30%, 12 in. and up	165.00
Fine Common, 1 x 8 and up . . . . .	165.00
Fine Common, 1 1/4 to 2 in. . . \$165.00	170.00
Fine Common, 2 1/2 and 3 in. . . . .	180.00
Fine Common, 4 in. . . . .	195.00
1 in. Shaky Clear . . . . .	100.00
1 1/4 in. to 2 in. Shaky Clear . . . . .	110.00
1 in. No. 2 Dressing . . . . .	95.00
1 1/4 in. to 2 in. No. 2 Dressing . . . .	95.00
No. 1 Cuts, 1 in. . . . .	122.00
No. 1 Cuts, 1 1/4 to 2 in. . . . . \$137.00	142.00
No. 1 Cuts, 2 1/2 to 3 in. . . . .	182.00
No. 2 Cuts, 1 in. . . . .	77.00
No. 2 Cuts, 1 1/4 to 2 in. . . . . 107.00	112.00
Barn Boards, No. 1, 1 x 12 . . . . .	105.00
Barn Boards, No. 1, 1 x 10 . . . . .	96.00
Barn Boards, No. 1, 1 x 8 . . . . .	95.00
Barn Boards, No. 2, 1 x 12 . . . . .	80.00
Barn Boards No. 2, 1 x 8 . . . . .	72.00
Barn Boards, No. 2, 1 x 10 . . . . .	73.00
Barn Boards, No. 3, 1 x 12 . . . . .	56.00
Barn Boards, No. 3, 1 x 10 . . . . .	53.00
Barn Boards, No. 3, 1 x 8 . . . . .	50.00

## No. 1 Clear

Can. Spruce, No. 1 and clear, 1 x 4 to 9"	85.00
Can. Spruce, 1 x 10 in. . . . .	87.00
Can. Spruce, No. 1, 1 x 4 to 7 in. . . .	85.00
Can. Spruce, No. 1 1 x 8 and 9 in. . . .	90.00
Can. Spruce, No. 1, 1 x 10 in. . . . .	90.00
Can. Spruce, No. 2, 1 x 4 and 5 in. . . .	36.00
Can. Spruce, No. 2, 1 x 6 and 7 in. . . .	38.00
Can. Spruce, No. 2, 1 x 8 and 9 in. . . .	40.00
Can. Spruce, No. 2, 1 x 10 in. . . . .	42.00
Can. Spruce, No. 2, 1 x 12 in. . . . .	45.00
Spruce, 10 in. dimension . . . . .	47.00
Spruce, 9 in. dimension . . . . .	46.00
Spruce, 8 in. dimension . . . . .	45.00
2 x 10 in random lengths, 8 ft. and up	43.00 45.00
2 x 12 in. random lengths . . . . .	\$43.00 47.00
2 x 3, 2 x 4, 2 x 6, 2 x 7 . . . . .	\$34.00 40.00
2 x 8, 2 x 9 . . . . .	\$42.00 43.00
All other random lengths, 7 in. and under 8 ft. and up . . . . .	\$34.00 36.00
5 in. and up merchantable boards, 8 ft. and up, D 1s . . . . .	32.00 33.00
1 x 2 . . . . .	34.00 35.00
1 x 3 . . . . .	31.00 33.00
1 1/2 in. Spruce Lath . . . . .	\$ 9.50 10.00
1 1/2 in Spruce Lath . . . . .	\$ 8.50 9.00

## New Brunswick Cedar Shingles

Extras . . . . .	\$ 6.00
Clears . . . . .	\$ 5.00
Second Clears . . . . .	4.50
Clear Whites . . . . .	3.25



**Second Hand  
Machinery &  
Equipment  
Wanted &  
For Sale**

# Quick Action Section

**Special Lots  
Of Lumber—  
Positions  
Wanted &  
Vacant**

## Lumber Wanted

We are always in the market to buy Pulpwood and odd lots of lumber. P. O. Box 643, Montreal. 23-3

### Spot Cash

for ties, wood, frames. McKay, 327 Little Bldg., Boston, Mass. 23-2

### Wanted

Cedar Telephone and Telegraph Poles 30 ft. and up 6 in. stocks. J. W. Collins, Queens Wharf, Toronto. 1

### Wanted

Stocks of Jack Pine, Norway Spruce and Hemlock, for delivery on or before March 15th, 1923. Box 70, Canada Lumberman, Toronto. 1

### Wanted

2 million ft. Hemlock.  
1 million ft. Spruce.  
1 million ft. Jack Pine.  
For spring delivery. Will make advances. Thompson & Heyland Lumber Company, 123 Bay St., Toronto. Phone Adel. 1999. 23-2

### Here is the Place to Unload

Your old stock. We buy any kind of lumber cheap—long and short lengths 2 x 4 and wider. Shingles in any grade in carlot only. Laths any size in carlot. Finish lumber and flooring, pine, oak, birch and maple. Must be cheap for cash. H. Fitzgerald, 1462 Pine-gree Ave., Detroit, Mich. 24-5

### Hardwood Wanted

1 car 2" x 4" No. 3 Common.  
1 car 2" x 8" to 10" No. 3 Common.  
2 cars 3" x 4" sound hearts.  
2 cars 4" x 4" sound hearts.  
2 cars 1" No. 3 Common.  
Quote best prices. How soon can you ship? Huntington & Finke Company, Buffalo, N.Y. 24-1

### Hard Maple Wanted

We are always in the market for lots of good hard maple in stock thicknesses, and can use some 2 1/2" and 2 3/4" stock for shipment green from saw log run. Send us your stock lists or estimate on cut for which you might be interested to contract.  
Also we deal in Basswood and Birch.

HANIEL CLARK & SON, INC.,  
Corry, Pa.  
20-25

### Dry Hard Maple Wanted in Carload Lots

1 1/4" x 3" in lengths of 18", 27", 36", 45" etc.  
1 1/4" x 3 1/2" same lengths.  
1 1/4" x 2 1/2" x 49") (one half each size.  
1 " x 3 1/2" x 49")  
All to be free from defects.  
Box No. 989, Canada Lumberman, Toronto. 17-T.f.

## Lumber For Sale

### Lumber for Sale

118,500 ft. 1 x 4 5/8" - 8/16 ft. No. 1 Hemlock.  
150,000 ft. 2 x 8 by 14 to 16 ft. No. 1 Hemlock.  
100,000 ft. 1 x 4 and wider No. 2 Jack Pine.  
300,000 ft. 2 x 4-6-8-10" Mill Cull Hemlock S. I. E.  
100,000 ft. 1 - 1 1/2" and 2" white pine cuts.  
Write for special prices. The Elgie & Jarvis Lumber Co., Limited, 18 Toronto St., Toronto. 24-1

### PUBLISHER'S NOTICE

Advertisements other than "Employment Wanted" or "Employees Wanted" will be inserted in this department at the rate of 25 cents per agate line (14 agate lines make one inch). \$3.50 per inch, each insertion, payable in advance. Space measured from rule to rule. When four or more consecutive insertions of the same advertisement are ordered a discount of 20 per cent. will be allowed.

Advertisements of "Wanted Employment" will be inserted at the rate of one cent a word, net. Cash must accompany order. If Canada Lumberman box number is used, enclose ten cents extra for postage in forwarding replies. Minimum charge 25 cents.

Advertisements of "Wanted Employees" will be inserted at the rate of two cents a word, net. Cash must accompany the order. Minimum charge 50 cents.

Advertisements must be received not later than the 10th and 20th of each month to insure insertion in the subsequent issue.

### For Sale

4/4 Soft Elm—75,000 No. 1 Common & Better, 150,000 No. 2 Common, 100,000 No. 3 Common.  
Canada Wood Specialty Company, Ltd.,  
Longford Mills, Ont. 23-2

### Lath for Sale

1,000,000 pcs. 1 1/2 x 4 ft. No. 1 and 2 Jack Pine.  
576,000 pcs. 1 1/2 x 4 ft. No. 1 and 2 Spruce Lath.  
Above equal No. 1 stock.  
200,000 pcs. 1 1/2 x 4 ft. No. 1 White Pine.  
240,000 pcs. 1 1/2 x 4 ft. No. 2 White Pine.  
90,000 pcs. 1 1/2 x 4 ft. No. 3 White Pine.  
Write for prices.  
The Elgie & Jarvis Lumber Co., Ltd., 18 Toronto St., Toronto. 24-1

### For Sale

2 cars each 4/4, 5/4, 6/4, 8/4 F.A.S. Plain Oak, Red or White.  
2 cars each 4/4, 8/4 Selects Plain Oak, Red or White.  
2 cars each 4/4, 6/4, 8/4 No. 1 Com. & Selects Plain Oak, Red or White.  
1 car each 4/4, 5/4, 6/4, 8/4 F.A.S. Sap Gum.  
2 cars each 4/4 F.A.S. Red Gum, Plain and Qtd.  
2 cars each 4/4, 6/4, 8/4 Sound Wormy Chestnut.  
2 cars 8/4 F.A.S. Whitewood.  
We have for quick shipment also, complete stocks of other Southern hardwoods. Send us your inquiries for Ash, Basswood, Cherry, Chestnut, Gum, Hickory, Poplar or Oak. Satisfaction guaranteed.

HANIEL CLARK & SON, INC.,  
Corry, Pa.  
20-25

## Machinery For Sale

### For Sale

12 x 15" Leonard Taugye Engine. Can be seen running at Bothwell. Reid Bros., Bothwell, Ont. 23-2

### Planer for Sale

No. 27 S. A. Woods 15" x 6" heavy Planer and Matcher, complete, in good running condition. Now running in New Brunswick. Price \$1,300.00 f.o.b. S. A. Woods Machine Co., Boston, Mass. 24-3

### For Sale

Cross Compound Inclined Condensing Engine 24" x 48" x 60" stroke, suitable for 150 lbs. pressure, with shafting and radial paddle wheels. All in first class condition.  
The Upper Ottawa Improvement Co.,  
194 Middle Street,  
Ottawa, Ont. 24-4.

### Wickes Gang

GANG: No. 12 Wickes Gang, 40" sash, 15" stroke, steam boiler rolls, front and back in two sections, feed and oscillation combined, 1908 model, and has been in use for five years. We furnish with this gang 11 rolls for cants and stock, one filing machine, and 4 sets of saws.

THE PEMBROKE LUMBER CO.,  
1 T.f. Pembroke, Ont.

### For Sale

Stetson-Ross "Ready Sizer",  
Wood No. 401 High Speed Matcher,  
No. 16 Morgan Nailer (Cleating),  
No. 8 Morgan Nailer (Plain),  
Hooper 12" Double Color Box Printer,  
Berlin No. 201 D. S. Shaper,  
Berlin 42" Triple Drum Sander, No. 401,  
Lucas (CMC) 8' Belt Sander,  
Linderman 8 ft. Dovetail Jointer.  
Box 64, Canada Lumberman, Toronto. 24-1

### For Sale

One—Used—6"—4-sided "GREENLEE" Heavy Pattern Moulding Machine. Weight 3,650 lbs.  
One—Used—No. 65 Combination Extra Heavy Sash and Door Sticker, as built E. B. Hayes Co.  
One—Used—8"—4-sided McGregor-Gourlay Moulding Machine.  
One—Used—No. 65 OLIVER Self-Feed Rip Saw.  
One—Used—24" No. 824 "C.M.C." Buzz Planer.

The above are all to be had at attractive prices. We will gladly send descriptive circular also prices upon request.

WILLIAMS & WILSON LIMITED,  
No. 84 Inspector Street,  
Montreal. 24-1

### Engines, Boilers, etc., for Sale

One "Williams" Upright Engine 6" x 6".  
One Upright Engine 5" x 6".  
Six return tubular boilers of following dimensions:—  
One "Butterfield" 72" x 14"—3 1/4" tube—3/8" shell.  
One "Polson" 64" x 14"—3 1/4" tube—1/2" shell.  
One "Doty" 60" x 15"—4" tube—1/2" shell.  
One "Doty" 60" x 15"—4" tube—1/2" shell.  
One "Doty" 60" x 14 1/2"—4" tube—1/2" shell.  
One "Ingis" 60" x 16"—3" tube—1/2" shell.  
One double acting "Northey" Fire Pump, 6" suction, 5" discharge, 14" steam cylinder, 8" water cylinder, 13" stroke, capacity 450 gallons per minute.  
One "Northey" feed pump 6 x 4 x 7" stroke, capacity 60 gallons per minute.  
One brass mill steam whistle.

For further particulars apply The Conger Lumber Co. Limited, Parry Sound, Ontario. 13-E.o.I.-T.f.

## GOOD VALUES

### Subject to Prior Sale

Band resaw, Connell & Dengler, 54" and 60".  
Band rip saw, Yates No. 281.  
Circular resaw, 44".  
E. B. Hayes, Dowel Gluer and Driver.  
Jointers, 16" and 24".  
Matcher, Sherman Hardwood Flooring End.  
Matcher and Sizer, 30" x 12", American.  
Matcher, Hardwood American No. 229.  
Matcher, 14" Woods.  
Matcher, 26" x 8", Connell & Dengler.  
Moulder, Woods No. 2 light inside.  
Moulder, Smith 10" four side.  
Moulder, Berlin 10" No. 118 inside.  
Moulder, Woods 12" 5 head inside.  
Planers, all sizes single and double.  
Sanders, three drum, 30", 42", 48" and 60".  
Saws, circular, power feed, several makes.  
Timber Sizers, Yates and American.

Woodworking Machinery Co., of Buffalo,  
54 Mechanic St.,  
23-E.o.I.-T.f. Buffalo, N. Y.

### For Sale

Saw Mill machinery, Deal Wagon, Little Giant Water Wheels, etc. Address Denaston Breakey, Breakeyville, Co. Levis, P. Q. 24-1

For Sale:—10 Horse Power Motor, 30 inch Band Saw and wood lathe, second hand pipe and shafting. Advise what you have in scrap iron and metals.

D. FLORENCE & SON,  
Peterboro, Ont. 1

For Sale:—Used Belting, Rails, Blocks and Pulleys. Send us your Scrap Iron and Metal, etc. Highest market prices paid. A. Low and Company, 264 Simcoe St., Peterborough, Ontario. 1-24

### For Sale

Linn Lumber and Logging Tractor. Apply Box No. 60, Canada Lumberman, Toronto. 24 T.f.

### For Sale

1 Mitts & Menill Hog,  
2 Factory Hogs,  
1 7" Steam Feed,  
1 Log Haul Up,  
1 Band Resaw Grinder,  
1 Shingle Mill,  
1 Pail & Tub Machinery.  
The C. Beck Manufacturing Co. Limited,  
1-3 Penetanguishene, Ont.

## Situations Wanted

Young Man, 28, wishes to learn the lumber business preferably the selling end. Has had some selling and several years experience in accounting and office work, any place in Canada. Box No. 71, Canada Lumberman, Toronto. 1-3

Open for engagement—Advertiser age 39, twenty years experience lumber trade in England, U. S. A., South America and Canada. At present with Eastern firm. Thorough knowledge of business, all branches office; selling and handling outside work. Willing to go abroad if terms suitable but would prefer Ontario or Northern States. Write in first instance to Box No. 51, Canada Lumberman, Toronto. 23-2

Aggressive Young Man with ability, integrity and 5 1/2 years' experience in lumber and mill work offices, desires permanent position with a progressive concern. Accustomed to handling correspondence, orders, sales and bookkeeping, and have always given the highest satisfaction where employed. Always make my employers' interests paramount, and endeavor to do the correct thing by them. Would like to locate around Georgian Bay or Northern Ontario. Excellent credentials. All replies treated confidential. Box 54, Canada Lumberman, Toronto. 23-2

## Business Chances

### For Sale

Rixon-Ainslie-Stoddart Sawmill at Owen Sound. Splendid power plant and machinery. Will be sold cheap. Apply Keenan Bros., Ltd., Owen Sound, Ont. 23 T.f.

### Mill Cut to Contract

Parties desiring to contract in advance for all year cut of Portable Mill, cutting Maple, Birch and Hemlock principally. Apply Box 61, Canada Lumberman, Toronto. 24 T.f.

### For Sale

Heavy portable Sawmill, Locomotive Boiler on wheels, Centre crank, high speed engine and camp outfit for forty men. First class condition. Will take payment in lumber next spring. Hall Bros. Limited, 300 Crown Office Bldg., Toronto. 23-T.f.



**To Wallboard Manufacturers**

We are desirous of taking an agency for Great Britain for a well manufactured Wall-board. Frank Rosser, 53 Chorlton St., Manchester, England. 24-5

**Lumbermen**

Please send your stock sheets with prices delivered Detroit on hardwood lumber, also customer's contract for mill-cuts to A. H. David, 2626 Taylor Ave., Detroit, Mich. 1-4

**N.Y. Commission House**

Covering New Jersey, Long Island and New England States desires additional connections with mills producing log run white pine, spruce and hardwoods. Address Box No. 73, Canada Lumberman, Toronto. 1

**For Sale**

Mill and Timber Limits for sale. Timber large proportion Hardwood. Mill twenty thousand capacity. Large cattle and breeding ranch. Will sell with or without ranch. Located in Eastern Ontario. Address Box No. 50, Canada Lumberman, Toronto. 22T-f.

**A Real Bargain**

Complete circular sawmill and power, located at Charles, Mich. Will sell complete mill or any part. Mill contains steam feed, log jack, steam nigger, edger trimmer, etc. Property should be seen to be appreciated. SCHWARTZ BROS. & CO., 23-2 Cheboygan, Mich.

**As Going Concern**

Saw and Planing Mill and stock of lumber in good town, stock of logs being taken out, and 5,000 acres of timber (more available). Turn-over \$100,000.00 per year. Strictest investigation will convince you this is a money maker. \$20,000.00 cash, balance arranged. Box No. 72, Canada Lumberman, Toronto. 1-4

**WANTED**

To buy or rent a small portable sawmill, with or without power. Must be cheap. Apply Pettypieces, Limited, Amherstburg, Ontario. 1

**Partnership Wanted**

"Lumber Exporter with \$25,000.00 cash, for many years partner and manager of a well known lumber export firm now liquidated, with excellent connections in England and well known in Canada and the United States, would like to form partnership connection with an established and reputable lumber manufacturer or wholesaler wishing to enlarge their business. Strictly confidential. Full particulars and outline of proposition to be addressed to Post Office Box 284, Montreal." 1-3

**One Thousand Lumber Camps in Ontario**

Alex. R. White, of North Bay, Ont., who is a senior inspector for Ontario for the Provincial Board of Health, or superintendent of field work, is widely known in the forest products ranks throughout the northern part of the province. He has been engaged with the Ontario Government since December 1916. For some years previous to that time he was sanitary inspector for the town of North Bay and prior to that his occupation was that of a plumber and contractor. Mr. White is, therefore, well qualified for the duties which he is carrying out as provincial sanitary inspector. He is on the job all the while and has won the respect and confidence of not only those upon whom he calls but of the Department as well. He is responsible for all camps, mines, construction camps, sawmills and sawmill towns, and, in fact, all industries situated in the unorganized territories. He is of the opinion that there will be between 900 and 1,000 camps in Ontario this winter owing to the increased logging operations.

**Lumber Conditions in West are Better**

Eastern representatives of British Columbia mills report that the outlook is good and that there is a tendency to strengthen prices particularly on timbers, long joists and car materials. The coming year is expected to be a good one with a larger volume of turnover, and a more stabilized situation in general.

Orders coming forward now indicate that the mills will be forced to dip into their stocks that run a little better than selects. It was impossible for the mills to take these orders without increasing the price, as high grade fir logs continue on upper price levels. The mills are threatened with considerable of this car material require-

**Sawmill Wanted**

Good mill to cut by the thousand. First contract 1,000,000 feet, spruce at one set. To start immediately or not later than April 1st. Applicants must have good mill with trimmers and understand sawing. Box 74, Canada Lumberman, Toronto. 1-4

**For Sale Cheap**

Circular Sawmill, Building and Machinery; Steam Feed, suitable for Ties and Lumber.

also

Small two-storey Brick Factory, well-located, with or without woodworking machinery. Apply to John Harrison & Sons Co., Limited, Owen Sound. 24 T.f.

**WANTED****Timber Limits**

I am in the market for a first class stand of pulpwood or other timber. Must be within reasonable distance of good sawmill or pulpmill.

Box 75, Canada Lumberman, Toronto. 1

**Miscellaneous****LOG HAULERS****FOR SALE**

3 large Lombard Steam Log Haulers.  
1 small Lombard Steam Log Hauler.  
30 pairs Log Hauler Sleds.  
1 large Log Hauler Snow Plow.

All equipment in good condition.

Apply to

KELLOGG LUMBER COMPANY,  
24-3 Long Pond, Maine.

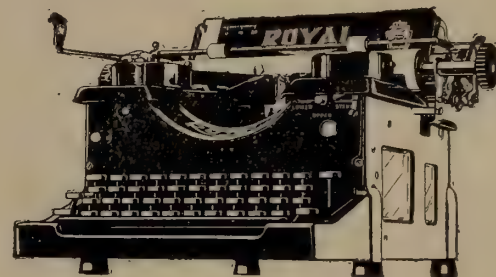
ment, and in almost every case the specifications call for fairly good lumber.

None of the sawmills is anxious to take on new business only on a much advanced price, as prospects for 1923 are exceptionally good.

To cut up the average camp run of boom to best advantage the mills must have Japanese, Australian and Atlantic seaboard business all running at the same time. The class of orders coming from these three points on the map cleans up every inch of lumber in a log to advantage and gives the sawmill operators returns for his work.

Already Australia has placed heavy orders for January and February cutting; the Atlantic seaboard trade is a certainty and Japan is reported to be forced out of Siberia and will be back in the market early next year for not only big squares but for more cut lumber. Japan has been logging on the coast of Siberia for some time under special contract with the Pri-Amur Government of Vladivostok, but as all contracts made by that Government have been canceled by the Reds, Japan is looking elsewhere for lumber.

Every mail brings inquiries for practically every size and grade of lumber on the list from Japan, but any firm business offering from this market is almost invariably \$1 to \$3 under the prevailing prices here. This condition is expected to be righted when Japan realizes the condition of the lumber world and that prices will be firm all next spring on the present schedule.

**EAGERLY**

If any typewriter can be said to do its work eagerly and enthusiastically, it's the light-running, quiet-running Royal. So smoothly and easily it runs that it seems actually to lead you on to better and faster work.

Royal Typewriter Co., Limited  
36 Notre Dame St. W., Montreal, Que.

Branches in all principal Canadian cities

"Compare the Work"

**ROYAL**



# Review of Current Trade Conditions

## Quebec Exporters Look for Good Year

The latest reports received by the Quebec lumber interests from their United Kingdom agencies, since the beginning of December, are to the effect that, although there are no outstanding features of importance to indicate a reaction in the market for the present, there are omens that the Canadian firms are likely to receive fair orders for spring shipment when the representatives proceed to the United Kingdom in February and March next. Should ocean freight rates become lower and allow the Canadian wood to compete with the Scandinavian and Russian forest products, a fair business may be expected for shipments from the port of Quebec during the 1923 season of navigation.

With the disappearance of the large government stock of wood and the absorption of other wood imported to England during the war for the construction of munition plants, (since utilized by the architects for other building purposes), there is bound to be a larger demand than that which has been experienced for the past four years. The imports to the United Kingdom during the year 1922 were mostly moderate and about sufficient to take care of deliveries.

Compared with the end of December 1921, stocks generally are lower, and within reasonable proportions. The demand for softwoods is looked forward to encouragingly, with values firm and slightly higher, in sympathy with Canadian selling rates.

It is made clear by the advice received from the agents abroad, that Canada should send its best wood for remanufacture to compete with the Scandinavian shippers. One of the strongest indications for a reaction in the British market for the better, is the appreciable disappearance of the stocks from the yard centres and the regaining of confidence by the importers, who are beginning to feel that the economic position in England and Europe generally will start to recover in the year 1923. This will restore confidence all around and relieve the tension of nervous hesitation which has permeated the British business life ever since the end of the war. The British public have confidence in the stability of the Bonar Law government, the amelioration of the political, economic situation, and look for a boom in construction next spring which will hearten other lines of business and come to the rescue of the unemployment question.

It would appear that the Quebec limit and mill owners have good hopes for 1923 by the large operations in the woods this winter. They do not hesitate to say that the cut of logs will be bigger in comparison to any year within the past decade. Of course the Quebec mill owners are not losing all their faith in the European markets. They expect to do an increased business with the United Kingdom although placing the bulk of their dependence on the American and Canadian market. The continuation of the boom which occurred in the United States last summer as well as the revival in Canada, created a big demand for Quebec lumber which at times taxed the capacity of the mills. In the city of Quebec construction took a new lease of life which cleaned out all the retail lumber yards of their respective stocks, and, judging from reports made by local architects and contractors, the building boom, which was commenced last spring, will be continued during the year 1923.

Last year 450 new buildings were erected in the city of Quebec to meet a shortage of 1,500 dwellings required to satisfy the demand of a growing population, thus leaving over 1,000 more to be built. In the meantime, the farmers in the rural districts of Quebec have become ambitious for larger and more up-to-date homesteads and have consulted Quebec architects and contractors respecting construction next spring. All these are signs to encourage the lumber industry and foretell a better business for the year 1923.

## The Lumber Outlook in Ontario is Promising

The lumber market is seasonably quiet at the present time and most members of the industry have been enjoying the holiday period and giving little thought to business other than the taking of inventories and finding out how stocks stand at the present time. Manufacturers report that mill yards contain from 10 to 50% less material this time than they did a year ago. There is said to be more stock in the larger retail yards than there has been for some time but some of the country retailers have allowed their supplies to run short. These will not likely be replenished until toward the spring months as a number of dealers desire to get a line on what the outlook of building and other activities is in their respective districts. Natur-

ally with the advent of cold weather, yard trade falls off considerably but retailers are for the most part hopeful and all declare that they have done a considerably larger business in 1922 than they did in 1921.

Naturally the question of prices comes up rather luminously at this period of the year, and while spruce quotations have gone kiting, values of other woods hold about the same as they have for the last few weeks a slightly firmer tendency. In the opinion of many there will be an increase on certain widths and lengths in which there is likely to be a shortage until the new cut comes on the market in July next.

It is believed that a good export business will develop and already many inquiries are coming to hand with respect to next season's activities. It is too early yet, however, to make any definite predictions regarding the lumber business as a whole. The outlook is bright, a feeling of trust and security prevails and 1923 is being heralded with a larger measure of hope and agreeable mental attitude than has been the case for the past eighteen months.

Logging operations are proceeding on a big scale and everything betokens that this year will show a record cut. Industrials are likely to buy hardwoods in a much larger volume and railroad items will call forth a large quantity of decking, sheeting, lining, framing and heavy sill material. It is announced that the Canadian National Railways will place many contracts for cars in the next few months. Other consumers will also use greater quantities of material. All concerns having business with lumbermen in the way of furnishing supplies for camp operations, sawmill equipment, driving, towing and hauling apparatus speak enthusiastically of the number of new orders that have been received and many more that in all likelihood will be closed within the next few weeks. These reports, along with the unmistakable faith which the lumber manufacturers themselves are manifesting in increased woods operations, show that unless all signs go astray, 1923 is going to be a good one in the matter of turnover and shipments.

In hardwoods there is daily evidence of the confidence which first found its expression in the uplift and expansion of this branch of the forest products business some four or five months ago. Since then the activities in every line have increased and there has been a free movement of stock, except of late, to large consuming centres across the border. The embargo on cars at many terminals has interfered seriously with the distribution problem. This, however, is gradually disappearing and after the first month it is not thought that much difficulty will be experienced.

Reports received from every quarter show that conditions have undergone an appreciable change in the lumber arena. This upward tendency, which, as stated, began definitely in the early fall, has followed a direct and uniformly aggressive course. If the rate of expansion continues throughout 1923,—as there is good reason to believe,—this year will make a showing in results that will be most gratifying to hardwood exponents, who, when the slump came in the fall of 1920, suffered the heaviest loss by reason of the greater value of their product and the undue inflation that was suffered accordingly.

1921 was a year of liquidation and losses, and it was not until well on in 1922 that some of those, who held heavy consignments were able to get rid of their high-priced stock and start again on a sound, replacement basis. The members of the industry, however, took the situation with equanimity and all wholesalers and manufacturers now voice the opinion that the market is characterized by a strength and tone which it has not felt for many months.

## St. John Market Conditions are Encouraging

Just at the present the trade at St. John is limited largely to water shipments via the liners to the English markets and also to the ports of Ireland, largely Belfast and Cork. Prices remain firm and unchanged ordinary rotary cut deals bringing for good stock \$30 for 9 x 3 and up, with 7 & 8 x 3 at about \$25. 6 x 3 is in good demand, bringing about \$24 with 5 x 3 and 4 x 3 at around the same prices on the mill wharfs or on cars, St. John rates of freight.

Rates of freight by liners to Great Britain and Ireland remain at 70 shillings. Considerable rotary cuts and many of the old purchases from stationary mills are going forward by liners. This includes both new and old. Certainly it is good for the manufacturers as if there was only the American market to depend upon, the price





View of Mills in Sarnia.

# BUY THE BEST

Retailers and woodworking establishments who like to get A1 NORWAY and WHITE PINE LUMBER always buy their stocks from us because we can ship them on quick notice. It pays to have the goods, but it pays better to "deliver" them.

We also make a specialty of heavy timbers cut to order any length up to 60 feet from Pine or B. C. Fir.

*"Rush Orders Rushed"*

## Cleveland-Sarnia Sawmills Co., Limited

SARNIA, ONTARIO

B. P. BOLE, Pres.    F. H. GOFF, Vice-Pres.    E. C. BARRE, Gen. Mgr.    W. A. SAURWEIN, Ass't. Mgr.



and demand would be less in a very short time as the Americans usually take advantage of such a situation.

Both import and consumption in England is small, but it is not decreasing and stocks are light. If present prices remain in both markets with care the manufacturers should be able to obtain a profit, 1923, while not large, will be better than the conditions pertaining in the last two seasons.

The American market remains firm, ordinary sizes of scantling, such as 2/3, 2/4, 2/6, 4/6, 2/7 is worth \$25. on cars Boston rates from St. John, while 2 x 8, 9 and 10 will bring \$32., same rates. These prices are for rotary cuts from portable mills, many of which are now beginning to get ready to ship as snow has put in an appearance in quantity enough for hauling to the stations along the tracks.

The only drawback in the American market is the embargo in effect on the New York, New Haven & H.R. Road, which taps sections west of Boston. This line is always a sore spot and when business is good is never able to handle lumber continuously. If this embargo were lifted, a good deal of stock now on hand, which is sold to these points, would be shipped.

2 x 8 is certainly scarce, and as above is bringing as much as 2/9, 2/10 and, in fact, is in greater demand.

Very few cuts are unsold at this time, as far as it applies to rotaries, while the production at present is estimated at all kinds of figures. It will depend entirely on the possibilities of financing and the winter conditions which govern production.

Wages for good men remain firm at \$40. Supplies are not any cheaper, neither has there been any material advance during the present two weeks.

As stated previously, logging will be somewhat more expensive than estimated in the early fall. So far as the writer is able to estimate, the cut has not reached normal. The early winter has not been cold enough to produce fast working in the woods and yarding has been rather slower than a year ago.

No mills are operating at St. John and will not be until spring of 1923. Local business has been fair but during the holiday season is usually very slack and, therefore, little difference can be expected over ordinary years. Prices have followed the upward trend of the export markets in spruce; otherwise they remain unchanged.

Laths are weaker. All the mills, which were estimated to be producing by this time, have not as yet struck a fast clip. Many are not yet sawing, slow erection and no snow delaying manufacturing. Building has not been retarded to any extent in New England and the open season has been the cause of heavy using of laths which to-day are selling at about \$6.25 St. John.

### Halifax Says Lumber Industry Shows New Life

Foreign markets, particularly the British market seem to be improving gradually, and British buyers are exhibiting considerable interest in this year's output, something that has not occurred for a number of years. The industry in all its branches seems to have taken on new life, and the last traces of pessimism are fast disappearing, along with the last of the old stock.

Practically all the larger manufacturers are preparing for an increased operation, and the output of portable mills promises to be of fair volume. Early in the season portable mills were going begging, but recently the demand has been so great, that all idle mills have been picked up, and a scarcity now exists, which will retard the winter's cut to some extent.

While lumbering operations have become quite general throughout the Province, it is not at all likely that there will be a big cut this winter, owing to the fact that it was very late when market conditions showed signs of improving, and consequently the winter closed in before much lumber had been logged ahead, as is the usual custom, and which precluded the possibility of over-production, in this Province at least.

Manufacturing costs are on the up-grade, due to the rise in the price of feed, and supplies of nearly every description, to the increased cost of stumpage, and to the fact that available timber is becoming scarcer and more remote from the railways necessitating a longer haul to the shipping point. While the supply of woodsmen is satisfactory, wages have advanced 40% to 50% and good men are getting from \$1.25 to \$1.50 per day. Weather conditions have been favorable for yarding in most parts of the province during the past month.

At present the British market is commanding most attention and shows signs of more energy than at any time since the period immediately following the armistice, and leads to the belief the deal trade will gradually return to normal channels. Enquiries are more numerous, and contracts have already been closed with English firms for part of the 1923 cut. One of the most gratifying features of the situation is the strength of Sterling, which coupled with the improvement of industrial conditions in Britain seems to assure a much brighter outlook for the coming year.

Although the American market is experiencing the usual seasonal dullness during the holiday season, the trend of prices is upward, with some sharp advances in certain sizes, which are very scarce, particularly 2 x 8 spruce. The fact that the British market will absorb a large portion of the 1923 output, will undoubtedly be reflected in improved conditions in the American market, particularly as the building programme across the line for the coming year is a large one. The railroads are reported to have mapped out very extensive programmes for the year 1923.

Owing to labor difficulties in the U. S. transportation facilities are badly congested, and rail shipments of lumber are handicapped by embargoes. It is reported that this condition will continue throughout the winter, so that it is probable that there will not be any great quantity of lumber moving until navigation opens in the spring.

The price of lath has weakened considerably, and many of the small mills that started up during the summer, are closing down.

### Ottawa Reports Good Outlook and Firm Prices

The advent of the holiday season had a decided effect on trading in the Ottawa lumber market, where the volume of business during the past two weeks was considerably less than during the opening period of December. Dealers attributed the drop in business as being entirely due to the season of the year and the holiday season.

The outlook for the new year they predicted was good and in some parts of the trade it was stated that a further advance in the price of some grades of spruce and the lower grades of white pine might be looked for. Prices during the closing part of 1922 remained absolutely firm.

One of the obstacles met by the trade during the closing period of the year was railway transportation and embargoes. Foreign cars were scarce and many points of entry into the United States had embargoes placed on them, owing to railroad congestion. Some shippers stated it was almost impossible to get permits to allow shipments to go through the points at which embargoes had been placed.

One firm which had several orders for immediate shipment, had the orders tied up on account of embargoes.

The woods operations up to the end of the year were reported to be progressing at a most satisfactory gate, and that ideal log making weather had generally prevailed during the fall months. Less trouble in connection with bush labor was reported. Several companies said that there had been a decrease noted in the number of men who jumped from one operating site to another, and on the whole "the boys" now in the camps seemed to be settling down. In centres where men had suddenly jumped to another occupation it was reported that the companies were now finding no difficulty in filling the places of the jumpers.

Conditions with the sash and door and the woodworking factories remained slow. The big woodworking factory of the Gatineau Co. Ltd., situated on Sussex street, which has remained idle for a year, has been leased to a company of private individuals who are manufacturing high grade bank and office fittings. Between forty and fifty expert workers have been given employment by the re-opening of the plant.

### Montreal Believes Present Values Will be Maintained

Considering the period of the year, trade in Montreal is very satisfactory. Orders have declined compared with, say, a month ago, but they are still good. According to some wholesalers, November was the best month for a considerable time, and far ahead of the same period in 1921. Although the volume of business showed a falling off, prices have maintained their recent advance. Any wholesaler with desirable stock has no difficulty in disposing of it and many inquiries are out for certain lines of spruce.

A majority of the wholesalers are looking forward to good business during 1923, the consensus of opinion being that the present level of values will hold for some time. The scarcity of dry stocks, particularly of spruce, is the basis for this opinion regarding prices.

Besides that, there is the prospect that activity in building will be continued and in that connection the Montreal Builders' Exchange is endeavoring to persuade architects and others to spread their construction over the year instead of confining it to what is termed the building season. It is argued that much work which is now done during the spring, summer and fall can be carried out during the winter, thus avoiding rush jobs and, from the contractors' point, spreading the overhead charges more evenly over the twelve months.

Lath continues to be softer, and if all the predicted production comes on the market, prices will probably go still lower. Hard-





## For Logging Small Timber Stands at a Profit

*The "Caterpillar's" \* field of usefulness is by no means limited to Logging. There is a "Caterpillar" \* of size and capacity for every power need. On farm or ranch, in the mining and oil industries, for building and maintaining roads, removing snow and doing other civic work—wherever tractive power and endurance are at a premium, the "Caterpillar" \* has no real competitor*

**CATERPILLAR**  
TRADE MARK  
**HOLT**

The Northern "Caterpillar" \* Logger provides the equivalent of a logging railroad. It also gives access to the scattered outlying tracts of timber too small to justify the expense of putting in a railroad. It does its own swamping and hauls over snow roads with the same pronounced success as on ice roads. With "Caterpillars" \*, jobbers and loggers of small stands can profit by the same economies gained by the big lumber and pulpwood manufacturers using large fleets of these dependable, all-purpose tractors.

Extremely powerful, yet compact in build, the Northern "Caterpillar" \* Logger is easy to operate both on and off the road. It turns in its own length and will work continuously in the most

severe winter weather. After a big snowfall, it quickly plows through the drifts and gets logging traffic moving. The three-speed transmission of the "Caterpillar" \* enables it to climb steep grades and to travel at high speeds when hauling on level roads or making return trips.

Whether used for swamping out roads, skidding logs, spotting and fetching out sleighs, or hauling trains, no other method is so practical and so economical as the "Caterpillar" \* method. Our motion pictures, exhibited on request, show the Northern "Caterpillar" \* Logger at work in the woods. We maintain complete stocks of spare parts. Write today for descriptive catalog.

*\*There is but one "Caterpillar" —Holt builds it*

**CANADIAN HOLT COMPANY, Limited**

1109 St. Catherine St., W., Montreal, P. Q.

Telephone Uptown 1504

*Holt branches and service stations all over the world*



woods are in fair demand with prices maintained on every line.

The exports of lumber from the port during the season just closed amounted to 61,544,000 feet, an increase of 22,272,000 feet over 1921. The latter year's total was the second lowest in the history of the port. For several seasons the tendency has been in the direction of smaller exports. Going back as far as 1903 we find the exports reached the large total of 225,468,000 feet, while in 1917 the shipments dropped to 30,303,000 feet, this being due to restricted shipping space. During the early part of the past season exports were on a comparatively large scale but they then fell away, the British market being unfavorable.

The shipments would have been larger but for the fact that one of the firms, who usually send considerable parcels from the port was engaged in exporting heavy stocks from the Maritime Provinces, the stocks being part of the British Government lumber sold for export. A feature of the season was the brisk demand from Ireland. The shipments of pine formed a very important part of the total exports from the port. Reports from the St. Maurice Valley indicate that a large cut of pulpwood is being taken out and that the companies will probably carry out their full programmes. The weather has greatly aided camp operations.

### Skilled Labor and Building Outlook

In a statement reviewing the building situation and outlook, Wilson Compton, secretary-manager of the National Lumber Manufacturers Association, Washington, directs attention to the marked increase in labor costs since last spring. Taking Washington as an example, Mr. Compton says that building costs have increased 30 per cent. and that \$15 a day has become quite customary in Washington for masons, bricklayers and plasterers. In New York as high as \$30 a day has been paid to skilled labor on some building contracts. The statement follows:

"The accumulated housing shortage since 1916 up to the present year was equivalent to approximately two and a half full years of new building on the 1910 to 1915 yearly average. At costs of construction prevailing last spring, between five and six billion dollars expenditure would have caught up this building deficit.

"Building costs have increased considerably since last spring in many communities. The general building costs in Washington, D. C., for instance, are about 30 per cent. higher than they were last fall and early last spring. This is largely due, however, to high labor costs inasmuch as the demand for skilled labor in the building trades has far exceeded the number of men available.

"There is every reason to believe that the fundamental demand for building materials still maintains and that it will continue for several years, with, of course, ups and downs. There will be periods of great building activity alternating with periods of semi-stagnation until the building shortage is substantially caught up. These alternations will be due rather to the building trades labor situation than to building materials. There is little danger that the comparatively small increases in building costs, due to increases in the cost of building materials, will have much to do with discouraging or delaying building as long as the costs of building labor are so excessive and erratic.

"I look for continued strong demand for building materials for a considerable period of years and I believe that lumber will have its full share in the effects of that activity. In fact, the comparatively greater labor costs in installing other materials in buildings than in installing lumber is definitely encouraging the substitution of lumber construction in many large communities, wherever admitted under the ordinances."

### New Regulations in Shipping Cheese Boxes

New arrangements have been announced by the Canadian railways for the shipment of cheese in the ordinary cylindrical cheese boxes, so as to avoid damage to the boxes of their contents in transit. The railways for some time had been complaining that cheese shippers were becoming too lax, factories sending out cheese in wooden boxes without anything to hold the lids down. The result was that frequently when some untoward event took place, the boxes might be tumbled with the result that the lids came off, and the carriers had to pay the damages.

Some time ago the railways notified the produce merchants here that they proposed to demand that these cylindrical wooden cheese boxes must have their covers fastened, with a wire completely encircling the box. This, they claimed, would not only prevent the lids from coming off, thus protecting the cheese from injury, but would also strengthen the boxes themselves.

However, this proposition was objected to by the shippers on the grounds of expense and inconvenience. They claimed that such

a ruling would mean that every cheese factory would have to be equipped with a special machine for wiring the boxes. They also argued that the wiring would not meet the objections of the railways, either with regard to the lids or to strengthening the boxes.

Following this a conference was held between representatives of the cheese shippers and the Railway Freight Association, with the result that the latter has just promulgated the following regulation scheduled to become effective on January 1st next:

"Cheese in wooden cylindrical boxes will not be accepted at the rates named in tariffs, unless the tops (covers) are closely fitted and securely fastened to body hoops by wire cord, metal straps, metal clamps, wire nails (not less than one inch long) or wedges."

This regulation has been forwarded to the various cheese-boards in Quebec and Ontario, and; it was stated recently, by the Railway Freight Association that so far only one objection had been received.

No objections were raised by the produce men here as to the regulations, as it was admitted that under previous provisions advantage had been taken by many factories to ship their cheese without taking any precautions to hold the lids on the boxes, which caused losses to the railways and frequent inconvenience to the consignees. The new rule, it was considered, leaves sufficient leeway as to methods, while making sure that the tops would be properly fastened to cheese boxes.

### Dryden Co., Will Extend Operations

The annual meeting of the Dryden Pulp & Paper Co., of Dryden, Ont., which was held recently in Montreal, showed that the outlook for the coming year is much better. It was stated that the loss for the twelve months ending September 30th last is only \$225,000. as compared with \$321,000. the previous year. The balance sheet revealed a working capital position which should prove adequate to provide for the expansion, as need arises, in the company's business.

F. A. Sabbaton, who is a director of the Laurentide Company and has a wide acquaintance and insight into the industry, has been added to the directorate of the Dryden Company. W. A. Black, president of the company, and J. B. Beveridge, managing-director, stated that conditions had now turned the corner and the shareholders had a better chance of realizing some of the high hopes entertained when the company was taken over. The outlook will be brightened by the installation of a mill for the turning out of more of the finished product, such as casing and wrapping papers, which department of the company's business was said to have been showing consistent profits, the losses having been mainly suffered though the manufacture of kraft pulp.

### Thunder Bay Paper Co., is Expanding

The Thunder Bay Paper Co., is the newest addition to the pulp and paper industries in Port Arthur. The former plant of the Kamistiquia Pulp & Paper Co., was purchased at auction early last spring by the Consolidated Waterpower & Paper Co., of Wisconsin Rapids, Wis. The company organized its Canadian subsidiary and immediately and appropriately named it the Thunder Bay Paper Co.

Many improvements have been carried out to the new concern of which Mr. Frank Youngman is the manager. A new wood room has been completed, 104x60 feet, of solid brick with steel trussed roof. Two wood barking drums, manufactured by the Canadian Barking Drum Co., have been installed. A new addition to the transformer room has also been built. The company is replacing three 450 h.p. motors with three 1,000 h.p. motors and six small transformers are being replaced by three larger ones. The plant, when the new additions are running, will consume between 2,500 and 3,000 h.p. of electric energy developed at Cameron Falls. The company is installing a new hydraulic press.

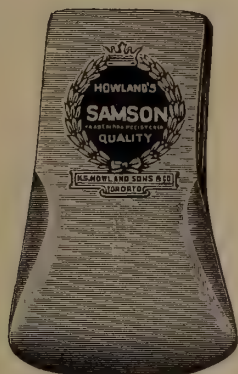
### Drawing to Show Timber Construction Details

In connection with the preparation of a new series of publications for architects, engineers and builders, the National Lumber Manufacturers' Association, Washington, has had some drawings prepared showing the details of timber construction for a one-storey mill building with a timber saw-tooth sky-light construction. An excellent example and good details have been secured and it is felt that this information will be of value to the architect, since this type of construction is difficult to detail.

It is also proposed to develop a number of plates on the use of heavy timber in railroad structure for distribution among the railroads, in the opinion that such information in proper hands, would turn the tide in favor of wood in the construction of shop buildings, blacksmith shops, round houses, etc. The life of heavy wood roof construction in blacksmith shops, or round houses, is five to ten times that of steel trusses.



# SAMSON AXES AND AXE HANDLES



Made to meet the requirements of particular choppers, who want service and satisfaction.

**FULLY GUARANTEED**

We carry a large line of Lumbermen's supplies and camp requirements.

Write us for information.

**H. S. Howland Sons & Co., Limited**  
Wholesale Hardware  
TORONTO

## Special Notice

We have purchased all the

# AXES

of the

**National Farming Machinery Co., Ltd.**  
of Montmagny, Que.

Can quote very low prices

*Write us for lists and catalogues*

**Floyd-Esbin Co., Limited**  
611 Canada Cement Building - Montreal



## CRANE

Cast Iron — Cast Steel — Brass — Ferrosteeel

## Flanged Fittings



for low pressure, standard, extra heavy, hydraulic, superheated steam and extreme hydraulic pressures, ranging in size from 1-inch to sixty-inch, and for working pressures from 50 to 3,000 pounds.

*Manufacturers of Valves, Fittings and Piping Equipment and  
Distributors of Pipe, Plumbing and Heating Supplies.*

Branches and Warehouses:  
HALIFAX, OTTAWA, TORONTO,  
HAMILTON, LONDON, WINNIPEG,  
REGINA, CALGARY, VANCOUVER.

Sales Offices:  
ST. JOHN, N.B., QUEBEC, SHERBROOKE  
EDMONTON, VICTORIA,  
SYDNEY, AUSTRALIA.

**CRANE  
LIMITED**  
HEAD OFFICE & SHOW ROOMS  
386 BEAVER HALL SQUARE  
MONTREAL  
Works  
1280 ST. PATRICK ST.  
MONTREAL

**CRANE-BENNETT  
LIMITED**  
Head Office and Warehouse:  
LONDON, ENGLAND.

Sales Offices:  
BIRMINGHAM, CARDIFF,  
GLASGOW, LEEDS, MANCHESTER,



## The Otis Staples Lumber Co., Ltd. Wycliffe, B. C.

### Western White Pine Larch and Fir

**Pine Shop—Clears and Commons**

**Larch and Fir Dimension, Boards  
and Shiplap**

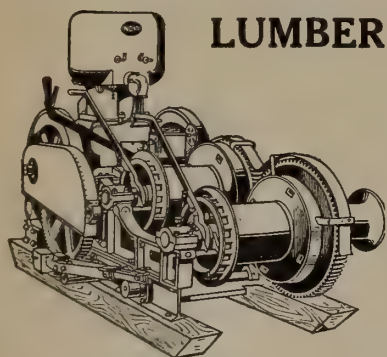
Inquiries handled from our Eastern Office:

**1311 Bank of Hamilton Bldg. TORONTO**

Phones: Main 4708

Hill. 7167 W.

A. G. Wilmot,  
Manager



### LUMBER, TIMBER and LOGS

should be handled with modern machinery to keep down labor costs.

We manufacture Gasoline and Electrical Drive Hoisting Engines in sizes from 3 to 40 H.P. and in designs to meet every requirement of the Lumbering and Logging Industry. Catalogue and prices on request.

**Made in Canada.**

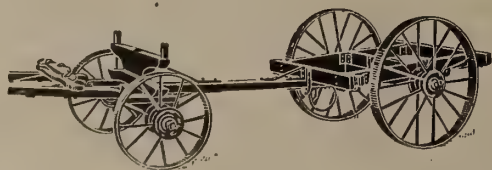
We manufacture Concrete Mixers, Hoists, Air Compressors, Pumps, Brick, Block and Tile Machines, Barrows, Carts, Silo Moulds, Ornamental Moulds and Tools.

**London Concrete Machinery Company, Ltd.**

Dept. T, London, Canada

World's Largest Manufacturers of Concrete Machinery.

**Here it is!**



### The Handiest Lumber Truck Ever Made

Just what you need for the lumber yard—a TUDHOPE-ANDERSON DETACHABLE LUMBER TRUCK.

Note these features: The wide-tired steel wheels cannot come off whether going forward or back. Axles (13 1/4") are high quality square steel. Tires are 4 1/2" wide. If wheel spokes become bent or broken they can be replaced—an exclusive feature of Tudhope-Anderson trucks. Wood parts are best oak, air seasoned and kiln dried, well ironed and strongly braced.

Get our prices.

**Tudhope-Anderson Co., Ltd., Orillia, Ont.**

### Mr. Moncion Forms new Lumber Company

J. B. Moncion, of Cochrane, Ont., has returned from cruising some lots west of that town which will supply the raw material for the Buskagan River Pulp & Lumber Co., Limited, which Mr. Moncion and others are organizing. The company expects to put on the market next summer a large quantity of rossed pulpwood and several hundred thousand feet of spruce lumber. The Buskagan River where their plant will be located, is eight miles west of Cochrane on the Canadian National Railways.

In regard to the activities in the north in the lumber and pulpwood line, Mr. Moncion says he believes production will be larger than last year but far from what was cut two or three years ago. Wages for men west of Cochrane are \$50. to \$70. per month and labor is scarce one week and plentiful the next. Most of the contractors say that it is difficult to find help that will stick to work all winter in the same camp. The men like to change often which causes a big risk for all the large contractors and entails much expense.

Mr. Moncion declares that the demand for lumber and pulpwood is better than it was a couple of months ago as prices went up a little but not enough to increase production to any large extent. Most of the settlers who are cutting pulpwood this year are doing it because they have nothing else to do and are able to make wages at it; that is about all they can get providing they have a short haul for the wood.

Prices around Cochrane for rough pulpwood are \$5. to \$6. per cord and Mr. Moncion adds, that at the prevailing wages it is almost impossible to make a profit on it. The quantity of lumber taken out in and around Cochrane will be about the same as last year and prices range about \$20. to \$22. per M. at the mill.

### New Brunswick Cut Will be Top-notch

Lumber operations being carried on in New Brunswick this year will yield a total cut of not less than four hundred and fifty million feet and it may run as high or more than five hundred million feet, according to the information gathered by the Gleaner, of Fredericton, N. B., from official and semi-official sources.

A comprehensive survey of the situation has shown that generally speaking lumber operations are being carried on upon a scale that is easily twice as great as last year and that it is really impossible to accurately state the full extent which operations may reach this winter, because men are still being sent into the woods where they are obtainable and the amounts which will be cut are thus being accordingly increased.

In addition to the large quantities of long lumber being taken out, as a result of the favorable market conditions, there is an almost unprecedented demand for lath from the United States at prices which are being maintained in spite of the growing output, while pulpwood, which has been piled alongside the railways and highways for as long as two years in some cases, is being rapidly bought up and especially in the northern part of the province large quantities of new pulpwood are now being cut. There is also a large cut of railway ties, fully up to the average, with present prices higher than a year ago.

The largely increased lumber operations have resulted in a demand for labor which has been more than the supply, and improved prices for lumber have made higher wages for woodsmen possible. Since the early operations were commenced wages have been considerably advanced and operators in this province have found it necessary to increase wages to meet the demands for woodsmen from this province from the province of Quebec and the State of Maine. While in some cases expert men are said to be receiving as high as \$65 per month, wages generally are said by lumber operators to range from \$35 to \$45 per month, as compared with \$26 to \$30 last year at this time. Public opinion does not look with favor upon lumber cuts greater than the natural growth, but as a matter of fact there are many millions of feet of lumber in the woods of the province which have been destroyed by the spruce budworm and other nefarious pests and which will be useless for manufacturing purposes unless taken out in the immediate future; estimates by provincial officials place the amount of this year's cut which will be of this infected material as not less than seventy per cent of the entire output.

Officials of the Forest Service of the N. B. Provincial Department of Lands and Mines estimated \$2,000,000 as the approximate distribution of wages to the army of men employed in New Brunswick's lumber woods this winter.

The estimate was made up on a basis of a maximum at present of not less than 10,000 men being employed with average wages, including board, amounting to \$50 per month per man. A census in 1919 showed 7,000 men then employed in lumber operations on the crown lands; a similar survey is now being undertaken.



In these days of keen competition, **QUALITY TELLS**, and so far as Lumber is concerned we believe we can safely say we can furnish **QUALITY** combined with the **BEST OF SERVICE**.

At the present time we have a considerable quantity of

# 1" No. 1 Common Cedar

This is particularly desirable stock, being a **SMALL-KNOTTED** type and will make excellent Boards and Shiplap, also a good cheap Siding or Ceiling. Try a car and we feel sure you will be surprised at its superiority.

We also manufacture **FIR** and **Spruce**. As **DIMENSION**, our **FIR** be can strongly recommended, and **GOLDEN SPRUCE** already has a string of steady users in Eastern Canada.

Our sawmill, with a daily 10-hour cutting capacity of 200,000 feet, is the largest in the interior of British Columbia. We run all orders through the planing mill at time of shipment so that our stock always reaches to you bright, clean and newly milled.

## Columbia River Lumber Co., Ltd., Golden, B. C.

affiliated with and represented jointly by salesmen of

## Canadian Western Lumber Co., Ltd., Fraser Mills, B. C.

Eastern Sales Office—64 King Street East, **TORONTO**  
to whom, please address all enquiries.

Representatives:—

**L. D. BARCLAY**

**E. C. PARSONS**





MONTREAL - Canada

To Every Member of the Lumber Trade, we send the Season's Greetings. Our best wishes will follow you through another year of Business.

### THE EAGLE LUMBER CO. LIMITED

Head Office: 90 St. James Street, Montreal, Que.  
Mills at Mont Laurier, Que.; Hebert, Que.; Ste. Marguerite, Que.;  
and Nottaway, Que. Dressing mill at St. Jerome, Que.

Northern Office:  
MIDLAND, ONT.

Southern Office:  
HATTIESBURG, MISS

## Herman H. Hettler Lumber Co.

2601 Elston Avenue, CHICAGO, ILL.

Manufacturers and Dealer

**White Pine, Red Pine  
and Yellow Pine  
Lumber and Lath**

Excellent Planing Mill Facilities. Prompt Shipments

Crating

Cedar Shingles

## Everything in Spruce

**FLOORING  
SIDING  
ROUGH DIMENSION  
LATH**

## Campbell, MacLaurin Lumber Co.

Limited

MONTREAL  
Board of Trade  
Building

TORONTO: 320 Roncesvalles Ave.  
C. W. McCabe, Ont. Representative  
Phone Junc. 1598W

## CANADIAN ——— HARDWOODS

complete stock of—

## BIRCH

All Thicknesses — All Grades  
Good Stocks — Prompt Shipments — Satisfaction

## C. A. SPENCER, LIMITED

205 St. James St. - - MONTREAL

## EDGINGS

E. F. Conway, 282 St. Paul St., Quebec, is erecting a new lath mill.

Joseph Tremblay, St. Felicite, Que., is contemplating the erection of a sawmill at a cost of \$3,000.

The B. C. Government during the five years ending March 31, 1922, have collected over \$7,000,000 in timber licenses.

The Northern Forest Products, Giscome, B. C., is a new company with a capital of \$25,000.

Jeffrey & Son, harness manufacturers, Port Perry, Ont., are contemplating the building of a factory at Whitby, Ont.

Duro Construction Co., Ltd., Main St., Hamilton, Ont., are preparing plans for a planing mill and sash and door factory.

E. C. Parsons, of the sales staff of the Canadian Western Lumber Co., Toronto, has gone on a business trip to British Columbia.

The Montreal Wholesale Lumber Dealers' Association has opened an office at 32 B Board of Trade Building. The membership is growing with the attendance at the weekly luncheons maintained.

The pulpwood traffic passing through the Lachine Canal this season totalled 139,725 cords, equalling 279,450 tons, compared with 108,950 cords or 217,900 tons in 1921.

E. T. Nesbitt, Limoilou, Que., has started work on a one storey sawmill, 131 ft. x 113 ft., and a factory building, one storey, 71 ft. x 111 ft. The two structures together will cost approximately \$15,000.

Henry Delunty, 19, son of Arthur Delunty, of Montreal, near Antigonish, N.S., was almost instantly killed when he was caught by a belt of a saw mill. He suffered a fractured skull and other injuries.

From Northern Ontario comes word that men are still scarce for the pulpwood camps and that operators are offering higher wages all the while in order to secure sufficient help. As high as \$50 to \$60 a month is being paid in some instances.

C. S. Anglin, of the S. Anglin Lumber Co., Kingston, which is one of the oldest established businesses in Eastern Ontario, has been returned by acclamation as an alderman for Cataraqui Ward, Kingston.

The new railway which has been built by the Abitibi Power & Paper Co., of Iroquois Falls, for the hauling of pulpwood, is now in operation. The line runs from Hughes to the river and quick work was carried out.

Building trade employees at London, Ont., are applying to contractors for an increase in wages running from five to fifteen per cent, in order to readjust them before the contracts are made in January.

R. G. Chesbro, of Toronto, who has been spending some time in British Columbia, has returned East. Mr. Chesbro is greatly improved in health and is now feeling better than he has for many months.

The Port Dover Planing Mills, Port Dover, Ont., was visited recently by fire which caused \$7,000. damage. The fire started in a section which was completely destroyed, but an adjacent building which housed the machinery was saved, although only separated by a twelve-foot alley from the blaze.

The sale of the assets of the Prince Rupert Pulp & Paper Co. to the Prince Rupert Holding Co., was approved by Mr. Justice Morrison in Vancouver last month. The sum paid was \$300,000 and the assets include the mill and plant and a number of very valuable limits.

Quebec Hardwoods Limited, 211 McGill St., Montreal, have recently taken over the interests of J. W. Harding & Co., of that city. C. S. Harding is the president of Quebec Hardwoods, Limited, and J. W. Harding managing-director. Herbert J. Brinsmead, of London, England, is a director of the company.

George M. McKee, president of the Canadian Pulp & Paper Association, who was formerly managing-director of the Donnacona Paper Co., Donnacona, Que., is leaving Canada, having become associated with the new organization which has purchased the Ogdensburg Paper Mills, Ogdensburg, N. Y.

The Montreal Hardwood & Flooring Co., Limited, have been appointed members of the National Hardwood Lumber Association who now maintain five inspectors in Toronto. H. F. Holton is the head of the inspecting staff and his assistants are J. A. Cadenhead, J. E. Banks, J. Jesdahl and Robert J. Schaefer.

It is reported that the Fraser Companies, of Edmundston, will



increase their daily output from 1,000,000 to 1,300,000 laths daily. Their market is largely in the United States. Estimates for the companies' cut of long lumber this winter range to upwards of 150,000,000 feet, and in addition large quantities of pulpwood for their mills at Edmundston and on the Miramichi.

Isaac Hale has been appointed Ontario representative for the Mark de Cew Lumber Co., Winch Building, Vancouver, B. C., and has entered upon his new duties. Mr. Hale has been in the lumber business for thirty years and is well versed in western woods. The Mark de Cew Lumber Co. handles all kinds of Coast products but is paying particular attention to pine.

The total of forest products exports from British Columbia for the first nine months of 1922 amounted to 195,000,000 feet, an increase of 73,000,000 feet as compared with the corresponding period of last year. Business with California and the Atlantic coast was very good, and was largely responsible for the size of the total. The prospect is for further trade with the Orient and Australia, and lumbermen are looking forward with much encouragement.

Sault Ste Marie is negotiating for several new industries, one of which is a large American firm which will use the product of the pulp mill. It is announced that it is a company which is strong financially and that there is a great demand for its products. Power and a site are required for the industry and an assurance has been received that these are available without cost to the citizens or to the city of Sault Ste Marie.

The Buckley interests at Massett, Queen Charlotte Islands, are entering the pulp and paper business and, amalgamating recently with Los Angeles capital, have put freighters on the run between the islands and California taking raw lumber south to be finished at the mills of the company. Pulp is to be made at Massett and shipped to a paper plant the company is to build at Los Angeles, according to the latest reports.

William Hamilton Co., Limited, of Peterboro, recently closed a large contract with the Howard Smith Paper Mills, Montreal, for a complete haul-up and slasher, pulpwood conveyor and transmission equipment for their new cutting-up and barking plant at Gaspé, Que. The company are also supplying other installations of slashers, pumps and Jordan engines for various concerns on the Pacific Coast. Prospects for new equipment in the pulp and paper arena have shown a decided turn for the better of late.

Lumberjacks and experienced loggers are so scarce in the west that the British Columbia camps are said to be offering premiums on the prairies for skilled men. All camps in Lake of Woods and Lake Winnipeg district are crowded, with wages advancing and no idle lumbermen in Winnipeg. There has been no particular market on the prairies this summer for building material, but large quantities of mill products have been shipped over the line. From the quantity of logs the mill owners are taking out they evidently expect a big demand in the spring.

The Canadian Western Lumber Company, Fraser Mills, B. C., reports a marked increase in the volume of lumber manufactured in October at 13,010,400 feet, compared with 7,845,783 in October, 1921. Lumber sold totalled 8,246,438 feet, compared with 6,707,526, and price realized \$216,574, against \$155,540. Aggregate lumber manufactured from January 1 to October 31 totalled 98,591,170 feet, compared with 79,103,988, and lumber sold 100,857,273 feet, against 75,941,562. Sales in this period amounted to \$2,404,869, against \$1,990,601.

The organization of a new company known as the English Lake Lumber Company, Limited, has attracted considerable attention in the Lake Frontier Lumber district in the province of Quebec. The operations planned by the new company are of an extensive nature and it is understood that the limits involved are in the neighborhood of one hundred and ten square miles, including the mills and limits formerly owned by Messrs. Murray and Gregory. The officers of the company are as follows: President, Charles Bienvenu, of Disraeli; vice-president, B. C. Howard, Sherbrooke; manager, Philip Bienvenu, Disraeli; secretary, Charles B. Howard, Sherbrooke; treasurer, J. W. Bienvenu, Disraeli, Que.

In a message published in a recent bulletin of the N. H. L. Association, John W. McClure, of Memphis, Tenn., the president, says that the past year was a most active one and that the Association is in the strongest position both actually and potentially that it has ever occupied. Among other things Mr. McClure says,—"There is every evidence of the confidence and respect which our Association enjoys among all branches of the hardwood industry. We are constantly on the alert to improve our service. A recent meeting of our board of managers was rich in accomplishment and displayed a unified purpose of progressive force which is a guarantee to the soundness of our institution and the principles for which it stands. The new year holds much of promise both as to business prospects and the further progress of the Association."

## The Beck Lumber Company

PENETANG, ONTARIO

Manufacturers & Dealers of

## WHITE PINE—RED PINE HEMLOCK—LATH

Planing Mills in Connection—Our Dressing will  
Save You Freight

TORONTO OFFICE 10 PARLIAMENT STREET

F. H. Horning M 2170

## NEW EQUIPMENT

New Dressing and Resawing Plant with "Woods" Fast  
Feed Planer Matcher with Profiler, and "Yates" Resaw

Situated on C.N.R. at Nelson N.B. Milling in Transit

These additional facilities were made necessary by our  
growing business. With it we will be able to offer even  
greater service and quality to our customers.

## O'BRIEN LIMITED

Established 1869 by John O'Brien

Manufacturers of Lumber

Rail and Deep Water Shipment

South Nelson, N. B.

Miramichi, Can.

## WANTED

for Immediate Shipment

3/8" 1 1/2"—4' No. 1

## SPRUCE LATH

WIGHTMAN LUMBER CO., Limited

263 St. James St. MONTREAL, CANADA.

## "By-Pass" Blower Systems

for green saw dust and wet stringy material

Material that usually clogs the ordinary Blower is handled easily and continuously by our "By-Pass" Blowers. No material passes through or around the fan. That is the big secret of "By-Pass" success. Slow speed and minimum power are other strong features. Write for literature and all details.

We manufacture and install complete systems

## Toronto Blower Company

156 Duke St., Toronto



# GENUINE HOE SAWS

Circular Saws of  
Superior Quality and  
Finish for Every  
Purpose



Backed by Ninety-  
Four Years Manufact-  
uring Experience  
and a Guarantee of  
Absolute Satisfaction

**R. HOE & CO., NEW YORK**  
AMERICA'S OLDEST SAW MANUFACTURERS



## Woods Arctic Eiderdown Sleeping Robe

*"None Better—None Other Quite So Good"*

Cruisers, cullers and all others who travel the bush should have one of these most remarkable sleeping robes

**R**EGARDLESS of the weather you can lie down anywhere with a Wood's Arctic Eiderdown Sleeping Robe and have a good night's rest, warm and comfortable.

Worth many times their weight in gold

Send for reprints of letters from satisfied users

**Woods Manufacturing Co., Ltd.**  
Ottawa - Toronto - Montreal - Winnipeg

**COMFORT  
OUTDOORS**



# Beardmore Extra Quality Waterproof Cement Leather Belting



*For the Wet  
Place*

Tell us your belting troubles  
and we can help you.

**The General Supply Company of Canada, Limited**

OTTAWA MONTREAL TORONTO NORTH BAY MONCTON WINNIPEG VANCOUVER

*Large stocks available for immediate shipment*



## Rubber Goods FOR LUMBERMEN

**Belting** Our long experience in the making of Rubber Belts enables us to specialize on this line. "P. M. S.," "Special Drive" and "Lion" are our leading brands for power transmission.

**Packings** "Redstone" High Pressure Sheet Packing has proved by test that it will outlast any other similar packing on the market. We make Spiral and Ring Packings, etc., that are equally reliable.

**Hose** for Steam, Water, etc., in various grades, made especially to give satisfactory and economical service under different conditions.

**Fire Hose** One or more of our twenty brands of Fire Hose will be found, not only in the best equipped Factories, Mills, etc., but in almost every Fire Department in the Dominion.

**Rubber Footwear** We make a complete line of Lumbermen's boots. For over 25 years, our Maltese Cross Brand has been the leading line in Canada. Make sure you get this old dependable brand.

**Gutta Percha & Rubber, Limited**

TORONTO HALIFAX MONTREAL OTTAWA HAMILTON LONDON FORT WILLIAM WINNIPEG REGINA  
SASKATOON EDMONTON CALGARY LETHBRIDGE VANCOUVER VICTORIA



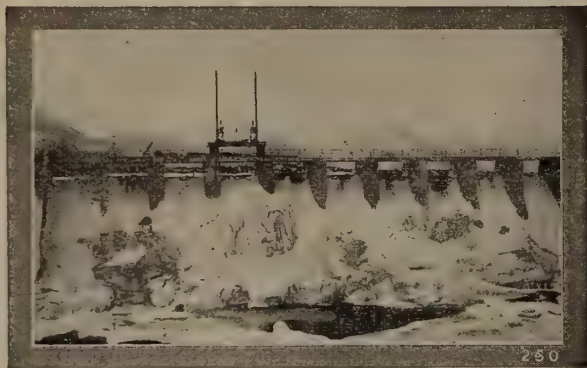
We thank our many  
Customers

For their patronage during the past year  
and Wish one and All  
A Prosperous New Year

**J. J. Turner & Sons Ltd.**  
Peterborough Ontario

## KENNEDY

### Water Power Plant Machinery



#### STOPLOG WINCHES

The unusual ability of Kennedy Stoplog Winches may be gathered from the fact that on one occasion the mass of ice, snow and logs, when lifted by this 27-ton motor driven winch was estimated to weight 90 tons!

**The Wm. Kennedy & Sons**  
OWEN SOUND ONTARIO LIMITED

M. B. SAUNDERS,  
8 Silver Street, Cobalt  
Phone Cobalt 153

District Representatives  
L. A. MITCHELL,  
1091A Bathurst Street,  
Toronto,  
Phone Hillcrest 2014

H. C. KENNEDY,  
232 St. James Street,  
Montreal,  
Phone Main 394

## Wanted at Once

100 to 200 M ft. of 2 x 4 to 2 x 12-10/20 ft. merchantable hemlock—Also the same quantity of good mill run Jack pine. Mill culls out in 2", 3" and 4" thicknesses. State lowest prices and full particulars as to quantity, sizes and if trimmed or not.

**EXCELSIOR LUMBER CO.**

Address 33 Richmond St., Toronto Phone M. 3551

## JOHNSON'S Veterinary Remedies

are the surest, the most economical and the best medicines with which to equip your stables. They have been on the market for thirty years and still retain their superiority over all others.

The quality never varies, it is our first consideration.  
Prices in effect at the present time are as follows:

Johnson's Horse Liniment No. 1	Per Gal.	\$7.00
Johnson's Horse Liniment No. 1	Quarts, Per Doz.	19.00
Johnson's Horse Liniment No. 1	Pints, Per Doz.	10.00
Johnson's Horse Colic Remedy	Per Gal.	12.50
Johnson's Horse Colic Remedy	Quarts (8 Doses each) Doz.	30.00
Johnson's Horse Colic Remedy	Pints (4 Doses each) Doz.	15.00
Johnson's Veterinary Healing Ointment (Gall Cure)		
2 lb Tins	each 2.25 Doz.	\$4.00
1/4 lb. Tins	Per Doz.	4.00
Johnson's Concentrated Condition Powders, 1 lb. Pkgs.	Doz.	6.50
Johnson's Condition Powder, No. 2	Doz.	3.00
Johnson's Horse Worm Powders	Pkgs. Per Doz.	8.00
Johnson's Purging Balls	Per Doz.	4.00
Johnson's Cough & Heave Powders	Per Doz.	4.50
Johnson's Antiseptic Dusting Powder		
(For Drying and Healing Sores, Proud Flesh, etc.)	Per Doz.	8.00
"Kreoline," antiseptic, deodorizing	Per Gal. Tin	1.90

Our Family and Van Remedies are as follows:—

Pine and Tar Cough Syrup	Big 4 Liniment—Mosquito Oil
Purgative Pills	X Ray Liniment
Little Liver Pills	Cholerine Mixture (Diarrhoea)
Porous Plasters	Headache Powders
Stomach Bitters	Sarsaparilla
Laxative Cold Tablets	All Healing White Ointment

All Drugs and Patent Medicines at Market Prices.

Mail orders solicited — Prompt shipments made.

**A. H. JOHNSON** WHOLESALE DRUGGIST  
Collingwood, Ontario

## CLIMAX GEARED LOCOMOTIVES

ARE BUILT FROM 12 TO 90 TONS



Get  
Catalogue  
"K"

CLIMAX MANUFACTURING CO., CORRY, PA.  
CLIMAX LOCOMOTIVE CO., 67 COLUMBIA ST., SEATTLE, WASH.  
VANCOUVER MACHINERY DEPOT, LTD., VANCOUVER, B.C.



We extend to our patrons and friends  
the Season's Greetings and our Best  
Wishes for a Prosperous New Year.

**BEVERIDGE SUPPLY CO. Limited**  
628-630 St. Paul St. West, MONTREAL, P. Q.





**D.K. McLaren's**  
*Genuine British  
 Oak Tanned*  
**LEATHER  
 BELTING**

A Good  
 New  
 Year's  
 Resolve

Let it be  
 Greater  
 Production  
 for  
 1923

Get the best out of your machinery by keeping it tuned up to full pitch—stop the leaks of waste power by having the right belting on your pulleys.

In big output every minute counts. That is why the efficient lumber or planing mill superintendent insists on the transmission being right and will invariably equip his entire mill with D. K. McLaren's Genuine British Oak Tanned Leather Belting, once he has used it.

Let it take care of your transmission. Our service department will gladly assist you in your problems. They are experts and can save you money. Why not use them?

## D. K. McLAREN LIMITED

Head Office and Factory 351 St. James St. Montreal

TORONTO, ONT.  
 194 King St. W.

EDMONTON  
 Gormans Ltd.

CALGARY  
 Gormans Ltd.

VANCOUVER, B.C.  
 Gormans Ltd., 1158 Homer St.

ST. JOHN, N.B.  
 90 Germain St.



# General Produce and Lumbermen's Supplies

Blankets,  
Tents,  
Oil Clothing  
and  
Camp  
Supplies  
of all  
Kinds

We are prepared to handle your supplies in any quantities and have particularly good facilities for shipping carload lots. These include our own railway sidings, and deep water wharfage facilities.

## PUBLIC WAREHOUSING

All classes of general merchandise handled in transit or for storage. Our location enables us to give assurance of excellent service. You will find our charges reasonable.

**A. H. M. HAY, Quebec City** Phone 5311  
Residence 6383

Hay  
Oats  
Peas  
Beans  
Potatoes  
Flour  
Pork,  
Lard,  
etc.

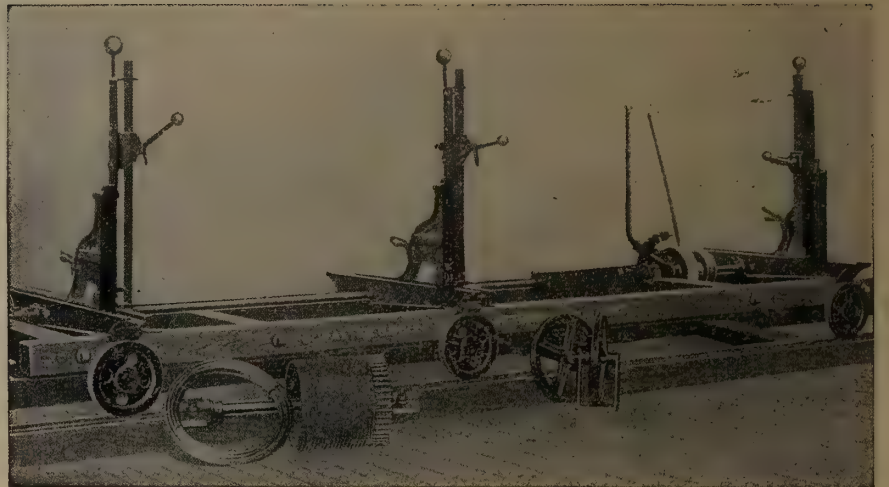
# The Carriage You Are Looking For

## Our No. 1 Size

**CARRIAGE**—Has three head blocks, as shown in cut, usually set 9 and 6 feet apart, will be placed any distance apart to suit purchaser. Knees open 38 in. from saw, and is fitted with Knight or Peel dogs, as desired. Taper movement on each knee. 1 15-16 in. steel set bar with steel pinions and coil spring receder, and friction lever brake for stopping knees where required. Timbers are 5 x 6 in., or heavier if desired, well bolted and braced. Diameter of truck wheel, 12 in. Axles 1 3/4 in. diameter, and extend clear across carriage, are furnished with self-oiling bearings. Front block is fitted with timber rule, placed as desired; 54 feet of V and flat track furnished with each carriage.

**SET WORKS**—As shown in cut, is made up of ratchet wheel 12 in. diameter, 4 in. face, with set lever carrying 7 steel pawls of varying lengths; also, same number of check pawls set in quadrant. Both sets of pawls are disengaged from either side of carriage when required to recede knees. This is a positive set, without lost motion.

**FEED WORKS**—As shown in cut, consists of 16 x 12 in. drum, with spur gear keyed to shaft. Pinion or friction shaft in saw frame engages with this gear. Cable takes two or three turns around drum, and is passed around end sheaves and attached to carriage. We also furnish 26 in. drum with internal gear in place of 16 in. drum when desired.



*For Shingle, Lath and Portable Saw Mill Machinery  
write the well known manufacturers*

# The G. Walter Green Co., Limited

Send for Catalogue

PETERBOROUGH, ONT.

**MU**  
ORGANIZED 1898

## remember

The Best Fire Insurance and Service for Lumbermen

# Rankin-Benedict Underwriting Co.

Kansas City, Mo.

SAVINGS RETURNED TO LUMBERMEN	—————	\$2,864,997.91
LOSSES PAID TO LUMBERMEN	—————	\$7,901,166.06
SURPLUS AND REINSURANCE RESERVE	—————	\$2,314,910.40



# Pink's Lumbering Tools

The Standard Tools in every province of the Dominion, New Zealand, Australia, etc.  
We manufacture all kinds of lumber tools. Light and Durable.

Long Distance Phone, No. 87

Send for Catalogue and Price List.

Sold throughout the Dominion by all Wholesale and Retail Hardware Merchants.

## The Thomas Pink Company, Limited

*Manufacturers of Lumber Tools*

PEMBROKE

ONTARIO

It's a Pink any-  
way you take  
it and it's the  
best Peavey  
made.



MADE IN  
CANADA



*Not altogether what we say,  
but what users say*

"We have used the Alligator or Warping Tug manufactured by you for the last 7 or 8 years, and consider them indispensable to lumbermen on waters of French River or similar streams."

Will move a bag containing 60,000 logs,  
in calm weather, 30,000 in a head wind.

**West, Peachey & Sons Simcoe, Ont.**

## FIRE WALLS ARCHES BRIDGE WALLS

Would you use bricks, half bricks and fire clay for repairs when one solid brick would do the work? PLIBRICO comes in plastic form and when baked out is a brick of the required size without joints. Skilled labor not necessary in installing.

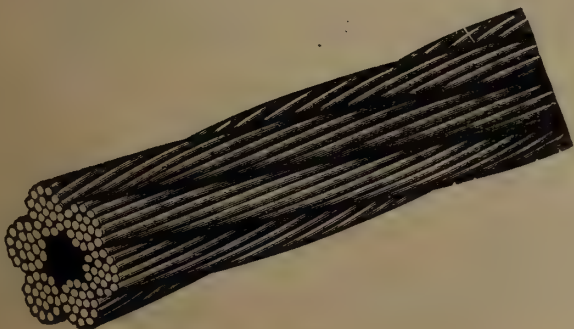
Write us for estimates and for copy of book on "MODERN FURNACE BUILDING."

Manufacturers of "BOICO" feed water treatment and  
**SHELL-BAR GRATES**

and  
Dealers in Tip It Welding Compound, Nox-Aer-Leek, Ever-jet Paint, Gaskets and Packing and every ENGINE ROOM NECESSITY.

## SHELL-BAR, BOICO SUPPLY, LIMITED

Phone Parkdale 2470 — 1-15 Saunders Avenue  
TORONTO



The Results Obtained From

## "Dominion" Wire Rope

Are ENDURING WEAR and INSURANCE AGAINST  
SUDDEN ROPE FAILURE

*Have you used our BLUE STRAND?*

## The Dominion Wire Rope Co. Limited

Head Office: MONTREAL

Stocks also Carried at: TORONTO AND WINNIPEG



# ALPHABETICAL INDEX TO ADVERTISERS

Abrams Sons Ltd., John	25	Davies Co., Wm.	79	Johnson, A. H.	72	Robertson & Hackett Sawmills, Limited	30
Adams River Lumber Co.	12	D'Auteuil Lumber Co.	8	Julien, Roch	16	Rolland Lumber Co.	19
Anderson Lumber Co., C. G.	27	Dadson, A. T.	8	Keewatin Lumber Co.	8	Rose-McLaurin Ltd.	14
Anderson, Shreiner & Mawson	22	Department of Lands (Ontario)		Kennedy & Sons, Wm.	72	Royal Typewriter	59
Apex Lumber Co.	4	Disston & Sons, Henry	78	Kinnon Lumber Co.	19	Russell Harris Lumber Co.	8
Associated Mills Ltd.	25	Dominion Belting Co.	18	Knox Brothers	3	Ryther & Pringle	83
Atlantic Lumber Co.	77	Dominion Timber Products	75	Laidlaw Bale Tie Co.	13	Santerre & Pineau	34
Atlantic Pacific Lumber Co.	17	Dominion Wire Rope Co.	28	Lamontague Limited	81	Savage & Bartlett	13
Atkins & Co., E. C.	33	Dudley, Arthur N.	68	Langlois & Paradis	88	Schroeder Mills & Timber Co.	23
Austin & Nicolson Ltd.	30	Eagle Lumber Co.	17	Larkin Co., C. A.	31	Scott, Draper & Co.	20
Bailey, A. A.	69	Eastman Lumber Co.	11	Larkin Lumber Co.	17	Sewall, Jas. W.	13
Bartram, J. C.	12	Eaton & Sons, J. R.	42	Lay & Haight	11	Shannon Lumber Co., R. P.	34
Bainbridge Lumber Co. Ltd.	30	Eddy Co., E. B.	32	Leigh Lumber Co.	19	Sharples, Ltd., W. & J.	75
Beck Lumber Co.	78	Edwards & Co. Ltd., W. C.	82	Linton Lumber Co.	33	Shell-Bar Boico Supply Ltd.	6
Bell, Geo. W.	35	Elk Fire Brick Co.	72	Loggie, W. S.	14	Shervin-Clarke Co.	1
Bennett Lumber Co. Ltd.	72	Elmira Machinery & Transmission Company		Lloyd, W. Y.	13	Shimer Cutter Head Co.	18
Bernard Industrial Co.	28	Engineering & Machine Works		London Concrete Machinery Co.	66	Shull Lumber & Shingle Co.	79
Beveridge Supply Co. Ltd.	21	Excelsior Lumber Co.	12	Long Bell Lumber Co.	33	Shurly Dietrich Co.	83
Big Bear Lumber Co.	11	Farnworth & Jardine	3	Long Lumber Co.	86	Shurly Co. Ltd., T. F.	36
Black Rock Lumber Co.	65	Fassett Lumber Co.	11	Long Manufacturing Co., E.	28	Simonds Canada Saw Co.	1
Brady Machinery Co.	20	Fesserton Timber Co.	3	McCormack Lumber Co.	20	Smart Turner Machine Co.	81
British Columbia Lumber Commissioner	88	Fletcher Corporation	65	McClung, McLellan & Berry	19	Smart, Jas.	78
Brennen, F. W.	31	Floyd-Esbin Co. Ltd.	13	McCuaig & Co., Jas. C.	16	Smith Foundry Co.	12
Burchill & Sons, Geo.	8	Foley Lumber Co.	19	McDonagh Lumber Co.	27	Smith Lumber Co., Ltd.	20
Burns Underwriting Co.	28	Fraser Bryson Lumber Co. Ltd.	15	McElroy Lumber Co.	1	Smith, N.	24
Bury & Co., Robert	23	Fraser Companies Ltd.	83	McFadden & Malloy	17	Stalker, Douglas A.	68
Cameron Lumber Co.	68	Gartshore, John J.	71	McKinnon-Columbus Chain Co. Limited	34	Spanish River Lumber Co.	14
Campbell, MacLaurin Lumber Company	13	General Supply-Co. of Canada	83	McLennan Lumber Co.	73	Spencer, C. A.	66
Canada Foundries & Forgings	1	Gerlach Co., Peter	13	McLaren, Limited, D. K.	10	Stack Lumber Co.	66
Canadian General Lumber Co., Ltd.	34	Gidley Boat Co. Ltd.	11	MacLean Building Reports	8	Staples Lumber Co., Otis	12
Canadian Link-Belt Co.	3	Gillespie, Jas.	34	Main Belting Co., of Canada	34	Story Lumber Co.	35
Canadian Western Lumber Co., Ltd.	67	Gillies Bros Ltd.	24	Manufacturers' Lumber Co.	8	Summers, James R.	12
Canada Wire & Iron Goods	14	Goodhue & Co. Ltd., J. L.	11	Mason & Co., Geo.	32	Sutherland Lumber Company Limited, A. A.	35
Canfield, P. J.	12	Goodday & Co., H. R.	22	Maus, Chas. O.	21	Swift Canadian Co.	81
Cant & Kemp	35	Gordon, A. E.	31	Mason, Gordon & Co.	31	Sylvester Mfg. Co. Ltd.	76
Carew Lumber Co., John	63	Gordon & Co., Ltd., Geo.	74	Mershon, Wm. B.	87	Terry & Gordon	9
Canadian Holt Co.	5	Gloucester Lumber & Trading	33	Miller Co., W. H.	82	Thompson & Heyland Co.	28
Canadian Milk Products	27	Grant-Holden-Graham Ltd.	31	Montreal Locomotive Works	12	Thurston-Flavelle Ltd.	30
Canadian Puget Sound Lumber & Timber Co.	17	Gravel Lumber Co. Ltd.	70	Montreal Lumber Co.	32	Timberland Lumber Co.	25
Canadian Tie & Lumber Co.	21	Gregertson Brothers Co.	26	Muir & Kirkpatrick	10	Timms, Phillips & Co.	18
Chaleurs Bay Mills	36	Green Co., G. Walter	20	Murphy Lumber Co., Wm. J.	85	Toronto Blower Co.	69
Chesbro, R. G.	6	Greig-Morris Co.	71	Mussens, Limited	31	Tudhope Anderson Co., Ltd.	66
Chew, Manley	35	Grier & Sons, G. A.	35	Musgrave & Co. Ltd.	10	Turner & Sons, J. J.	72
Clark Bros.	20	Greening Wire Co., B.	3	Nevison & Brooks	35	U. G. G. Sawmills Ltd.	38
Clarke & Sons, Edward	1	Gutta Percha & Rubber Ltd.	3	New Ontario Colonization Co.	18	Underhill Lumber Co.	18
Cleveland-Sarnia Sawmills Co.	11	Hall Bros.	2	Northern Pacific Logging Co.	69	Union Lumber Co.	7
Climax Manufacturing Co.	74	Hamilton Co., Ltd., Wm.	20	O'Brien Limited	34	Vanatter & Ham	89
Coburn Lumber Co.	63	Hansen, A. K.	1	Oliver Lumber Co.	66	Vancouver Lumber Co. Ltd.	18-29
Coleman Lamp Co.	12	Hardy & Co., E. D.	11	Otis Staples Lumber Co. Ltd.	10	Victoria Harbor Lumber Co. Ltd.	17
Coltart, & Co., Robt.	65	Harris Tie & Lumber Co.	74	Pannill Door Co.	16	Waterous Engine Works Co., Limited	87
Crane, Limited	19	Hay, A. H. M.	68	Parry Sound Lumber Co.	16	Watson & Todd	16
	28	Hettler Lumber Co., Herman H.	4	Payette Co., P.	1	Westminster Mill Co.	18
		Hocken Lumber Co. Ltd.	70	Pedwell Hardwood Lumber Co.	16	West Peachey & Sons	75
		Hoe & Co., R.	65	Petrie Ltd., W. H.	1	Warton Lumber Co.	10
		Horton Steel Works		Phillips, Thos. N.	75	Wightman Lumber Co.	69
		Hotel Tuller		Pink Co. Ltd., Thomas	31	Williams, D.	20
		Howland, H. S.		Power Lumber Co.	74	Wilson Bros.	31
		Hunter Lumber Co.		Rankin-Benedict Co.	14	Wistar, Underhill & Nixon	70
		Imrie Lumber Co., R.	19	Rat Portage Lumber Co.	16	Woods Mfg. Co. Ltd.	
		International Land & Lumber Company	28	Rideau Lumber Co.		Yates Machine Co., P. B.	
				Reed & Co. Ltd., Geo. W.		York Belting Co.	12

## Sylvester Hand Car Engines Will Change Your Hand Cars into Motor Cars



A Logging Camp is not complete without one or more. Backed by years of successful Railway Service.

JUST THE THING FOR TRANSPORTING MEN AND DOING LIGHT HAULING  
The old hand car is slow, expensive to operate and entirely out of date. Sylvester equipped cars will pay for themselves in a short time. Use them to transport your men and do your light hauling. You will be surprised at the amount of work they will do.

### WE MANUFACTURE

Hand Car Engines.  
Section Hand Cars.  
Gasoline and Oil Pumping Engines.

Motor Cars built for Engine Drive.  
Push Cars or Trailers.

Write for our Prices and Catalogue.

**Sylvester Manufacturing Company, Limited**  
LINDSAY ONTARIO



# ATKINS

## STERLING QUALITY SAWS

**As Demand Con-  
tinues to Increase**

**It will not benefit you--**

unless your mill is equipped with  
the right kind of Saws, Saw Tools  
and Machine Knives.

Now, there is only one best brand  
to buy; it bears the name

**ATKINS**

Specify your Saws, Saw Tools and  
Machine Knives by name. Say  
"ATKINS." Costs no more in the  
beginning and saves you money in  
the long run.

Leading manufacturers of Saws, Saw Tools  
and Machine Knives, also Atkins-Coleman  
Feed Rollers. Use Acrolite and Ferro-  
lite Wheels for your saw gumming and  
knife grinding. Increase your belt effi-  
ciency by using Cantol Belt Wax.

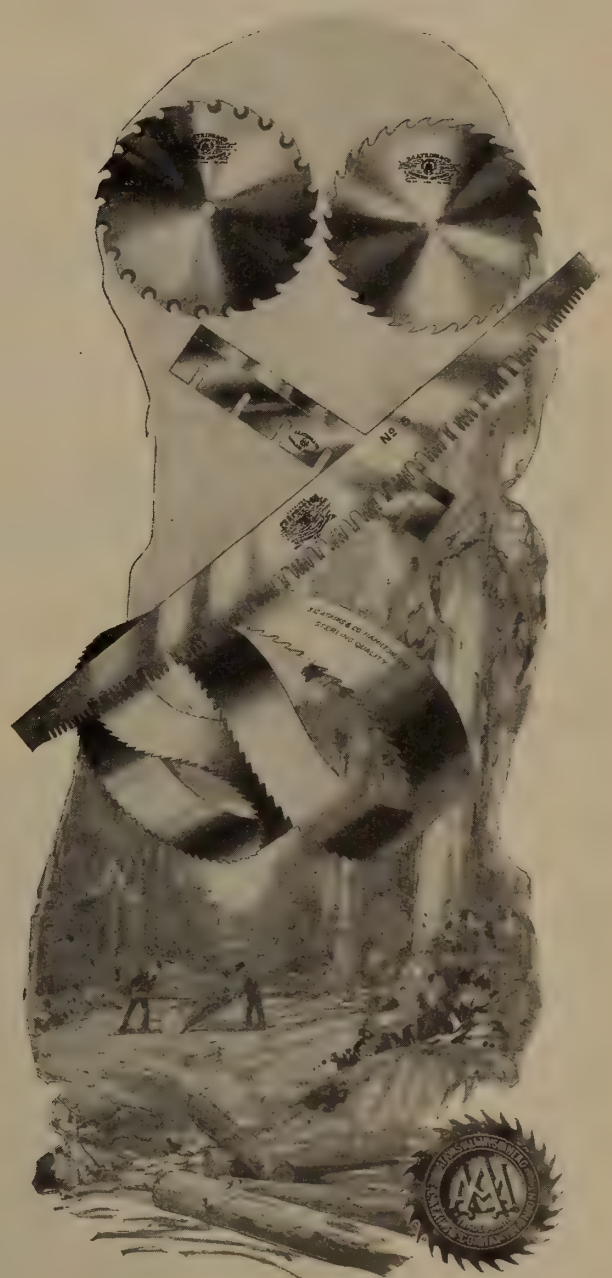
**E. C. ATKINS & CO.**

Established 1857

The Sterling Quality Saw People

Canadian Factory, HAMILTON, Ontario

Branch carrying complete stock, VANCOUVER, B. C.



**MADE IN CANADA**





## Bernard's WOOD SPLIT Pulleys

The  
Standard  
of  
Service

**T**HESE famous pulleys are designed and constructed to give the most efficient service throughout their long life. They combine many special features with unusual care in manufacture. Stock used is all thoroughly seasoned and dried, rigid inspection preventing faulty materials from being used. The result is a pulley which will stand up under the severest working conditions.

*Our line of clutches and locking collars is equally famous. Let us send you full information on your requirements.*

**The A. Bernard Industrial Co.**  
Fortierville, Que.

*Sole Manufacturers of the Celebrated*

## "MAPLE LEAF" BRAND Stitched Cotton Duck Belting

Strong Durable Economical True Running

*Specially adapted for use in Lumber Mills*



We have a good stock of well seasoned belting on hand, and would be pleased to receive your orders. Ask your Superintendent what he requires. The best is the cheapest.

## MAPLE LEAF BELT DRESSING

The Best for all Kinds of Belts

WRITE FOR SAMPLES AND PRICES

Quebec Branch: 51 Duluth Building, MONTREAL

**DOMINION BELTING CO.**

HAMILTON LIMITED ONTARIO CANADA

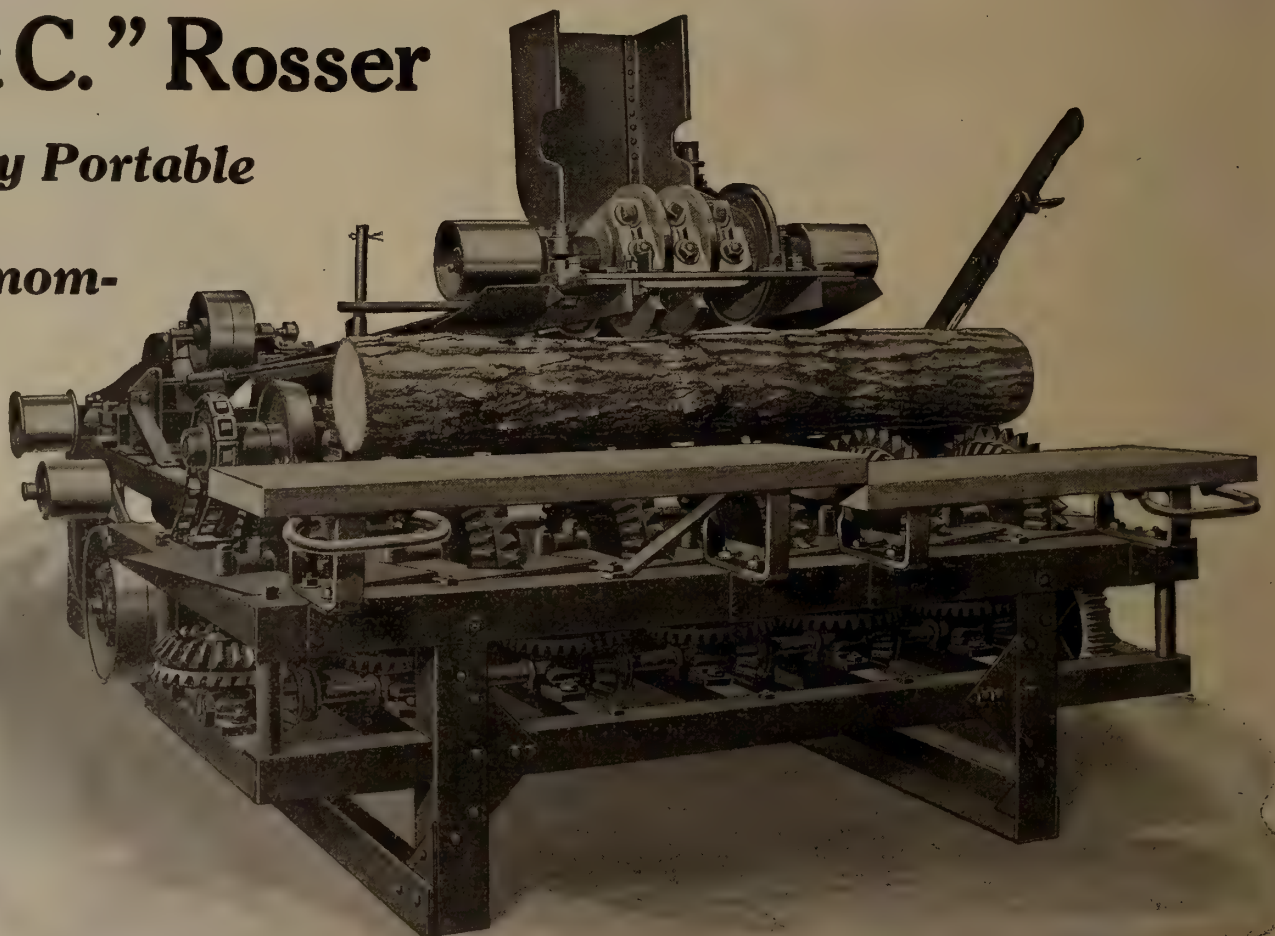
## The "J. & C." Rosser

"The only *Really Portable* Rosser made."

"The most *Economical* Rosser made."

"The *Best* Rosser made."

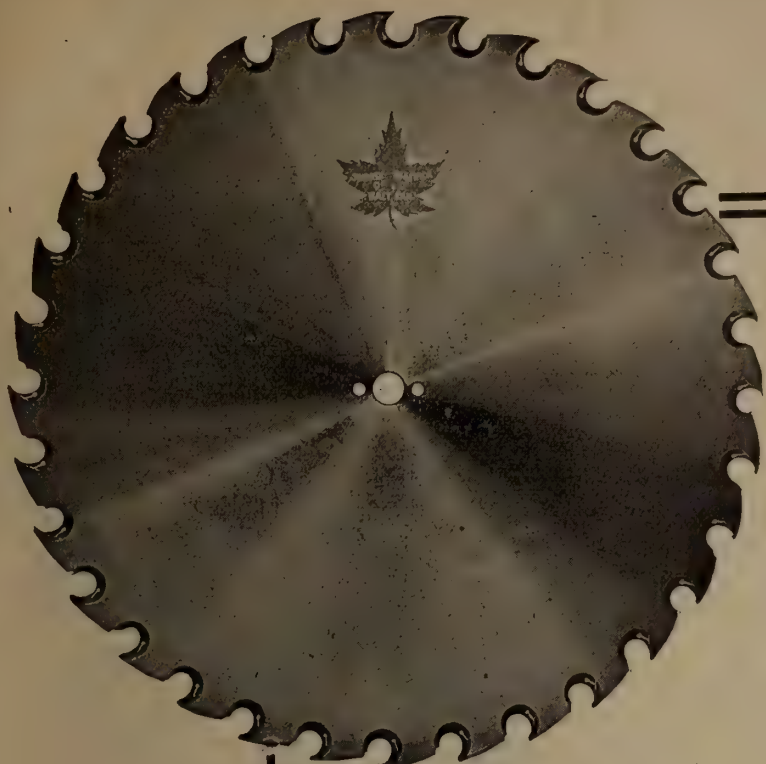
*Users* make all these statements, and we can supply you with the users' *Names*.



The Smith Foundry Company, Limited

Fredericton, N. B.





## Maple Leaf SAWS

The extra-refined Razor Steel, of which Maple Leaf Saws are made, is tempered by our own secret process. A keener edge is thus attained and the life of the saw greatly lengthened. Maple Leaf Saws will increase the output of your men.

**Shurley-Dietrich Co. Ltd., Galt, Can.**

Branch at Vancouver

Agencies throughout the world

# Better Food—Better Work

It is generally acknowledged that a well fed man makes a better worker. Certainly, he is a contented man, and no one will deny that morale is a big factor in production.

When you use our camp provision service, you can count on reliability both in the quality of our goods and in the service we give. The reasons are: Many years of experience, a reputation for quality, unequalled facilities, and an organization second to none for efficiency.

*Why not let us feed your men?*

**THE WILLIAM DAVIES COMPANY LIMITED**

Head Office TORONTO

BRANCHES AT  
MONTREAL SYDNEY HAMILTON

Long Clear Bacon  
Sausage  
Mincemeat  
Fresh Meat  
Pure Lard  
Barrelled Pork  
Eggs  
"Peerless" Pickles  
and Catsup  
"Peerless"  
Shortening



# CANADA LUMBERMAN BUYERS' DIRECTORY

The following regulations apply to all advertisers:—Eighth page, every issue, three headings; quarter page, six headings; half page, twelve headings; full page, twenty-four headings

## ALLIGATORS

Payette Company, P.  
West, Peachy & Sons

## BABBITT METAL

General Supply Co., of Canada, Ltd.

## BALE TIES

Laidlaw Bale Tie Company

## BAND MILLS

Hamilton Company, William  
Waterous Engine Works Company  
Yates Machine Company, P. B.

## BAND SAW BLADES

Simonds Mfg., Co.

## BAND RESAWS

Mershon & Company, W. B.  
Yates Machine Co., P.B.

## BARKERS

Bertrand, F. X., La Compagnie  
Manufacturiere.

Horton Steel Works

Smith Foundry & Machine Co.

## BEARING METAL

Beveridge Supply Co., Ltd.

## BEDSTEADS (STEEL)

Simmons Limited

## BELT DRESSING

Dominion Belting Co.  
General Supply of Canada, Ltd.  
McLaren, D. K. Ltd.

## BELT FASTENERS

McLaren, D. K. Ltd.

## BELTING

Canadian Consolidated Rubber Co.  
Dominion Belting Co.  
General Supply Company  
Goodhue & Co., J. L.  
Gutta Percha & Rubber Company  
D. K. McLaren, Limited  
York Belting Co.

## BLOWERS

Reed & Co., Geo. W.  
Sturtevant, B. F. & Co.  
Toronto Blower Company

## BOILERS

Engineering & Machine Works of  
Canada  
Hamilton Company, William  
Waterous Engine Works Company

## BOILER PRESERVATIVE

Beveridge Supply Company  
Shell-Bar, Boico Supply Co., Ltd.

## BOX MACHINERY

Yates Machine Company, P. B.  
BRAKING DEVICE  
Ryther & Pringle Co.

## CABLE CONVEYORS

Engineering & Machine Works of  
Canada  
Hamilton Company, William  
Waterous Engine Works Company

## CAMP SUPPLIES

Davies, The Wm. Co., Ltd.  
Dominion Molasses Co., Ltd.  
Dr. Bell Veterinary Wonder Co.  
Hudson Hebert & Cie  
Johnson, A. H.  
Swift Canadian Co., Ltd.  
Turner & Sons, J. J.  
Woods Manufacturing Co., Ltd.

## CANT HOOKS

General Supply Co., of Canada, Ltd.  
Pink & Company, Thomas

## CARS

Mussens, Ltd.

## CEDAR

Adams River Lumber Co.  
Bury & Co., Robt.  
Cameron Lumber Co.  
Canadian Western Lumber Co.  
Chesbro, R. G.  
Fesserton Timber Company  
McElroy Lumber Co., Ltd.  
Muir & Kirkpatrick  
Rose, McLaurin, Limited  
Terry & Gordon  
Thurston-Flavelle Lumber Co.  
Vancouver Lumber Company.  
Victoria Lumber & Mfg. Co.

## CHAINS

Canadian Link-Belt Company, Ltd.  
General Supply Co., of Canada, Ltd.  
Engineering & Machine Works of  
Canada  
Hamilton Company, William  
Pink & Company, Thomas  
Waterous Engine Works Company

## CLOTHING

Grant-Holden-Graham  
Woods Mfg. Company

## CONCRETE MIXERS

Mussens, Ltd.

## CONVEYOR MACHINERY

Canadian Link-Belt Company, Ltd.  
General Supply Co., of Canada, Ltd.  
Hamilton Company, William  
Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.  
Waterous Engine Works Company

## CORDWOOD

McClung, McLellan & Berry

## COUPLING (Shaft)

Engineering & Machine Works of  
Canada

## CRANES

Hopkins & Co., Ltd., F. H.  
International Land & Lumber Co.  
Canadian Link-Belt Company, Ltd.

## CUTTER HEADS

Shimer Cutter Head Company  
Yates Machine Co., P.B.

## CYPRESS

Maus Lumber Co., Chas. O.  
Wistar, Underhill & Nixon

## DERRICKS AND DERRICK FITTINGS

Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.

## DOORS

Canadian Western Lumber Co.  
Mason, Gordon & Co.  
Terry & Gordon

## DOORS, FIREPROOF

Mussens, Ltd.

## DRAG SAWS

Gerlach Company, Peter  
Hamilton Company, William

## DRYERS

Coe Manufacturing Company

## DRY KILNS

Sturtevant, B. F. & Co.

## DUST COLLECTORS

Reed & Co., Geo. W.  
Toronto Blower Company

## EDGERS

Hamilton Company, Ltd., William  
Green Company, G. Walter  
Long Mfg. Company, E.  
Payette Company, P.  
Waterous Engine Works Company  
Yates Machine Co., P.B.

## ELEVATING AND CONVEYING MACHINERY

Canadian Link-Belt Company, Ltd.  
Engineering & Machine Works of  
Canada  
Hamilton Company, William  
Mussens, Ltd.  
Waterous Engine Works Company

## ENGINES

Engineering & Machine Works of  
Canada  
Hamilton Company, William  
Payette Company, P.  
Sylvester Manufacturing Co.  
Waterous Engine Works Company

## EXCELSIOR MACHINERY

Elmira Machinery & Transmission  
Company

## EXHAUST FANS

Sturtevant, B. F. & Co.  
Toronto Blower Company

## EXHAUST SYSTEMS

Reed & Co., Geo. W.  
Toronto Blower Company

## FIBRE BOARD

Manley Chew

## FILES

Disston & Sons, Henry  
Simonds Canada Saw Company

## FIR

Adams River Lumber Co.  
Apex Lumber Co.  
Associated Mills, Limited  
Bainbridge Lumber Company  
Cameron Lumber Co.  
Canadian Western Lumber Co.  
Canfield, P. L.  
Chesbro, R. G.  
Fesserton Timber Co.  
Grier & Sons, Ltd., G. A.  
Heeney, Percy E.  
Knox Brothers  
Mason, Gordon & Co.  
McElroy Lumber Co., Ltd.  
Robertson & Hackett Sawmills  
Rose, McLaurin, Limited  
Terry & Gordon  
Timberland Lumber Company  
Timms, Phillips & Co.  
Underhill Lumber Co.  
Vancouver Lumber Company  
Vanderhoof Lumber Company  
Victoria Lumber & Mfg. Company

## FIRE BRICK

Beveridge Supply Co., Limited  
Elk Fire Brick Company of Canada  
Sheli-Bar, Boico Supply Co., Ltd.

## FIRE FIGHTING APPARATUS

Waterous Engine Works Company

## FITTINGS

Crane Limited

## FLOORING

Cameron Lumber Co.  
Chesbro, R. G.  
Long-Bell Lumber Company

## GEARS (Cut)

Smart-Turner Machine Company

## GUARDS (Machinery and Window)

Canada Wire & Iron Goods Co.

## HARDWOODS

Anderson Lumber Company, C. G.  
Anderson, Shreiner & Mawson  
Atlantic Lumber Company  
Black Rock Lumber Co.  
Bury & Co., Robt.  
Cameron & Company  
Clark, Edward & Sons  
Edwards & Co., W. C.  
Fassett Lumber Company, Limited  
Fesserton Timber Co.  
Gillespie, James  
Gloucester Lumber & Trading Co.  
Grier & Sons, Ltd., G. A.  
Hart, Hamilton & Jackson  
Heeney, Percy E.  
Knox Brothers  
Kinnon Lumber Co.  
Mason & Company, Geo.  
Maus Lumber Co., Chas. O.  
McDonagh Lumber Company  
McLennan Lumber Company  
McLung, McLellan & Berry  
Murphy Lumber Co., Wm. J.  
Pedwell Hardwood Lumber Co.  
W. & J. Sharples  
Spencer, Limited, C. A.  
Summers, James R.

## HARDWOOD FLOORING

Grier & Sons, Ltd., G. A.

## HARNESS

Lamontague, Ltd.

## HEMLOCK

Anderson Lumber Company, C. G.  
Anderson, Shreiner & Mawson  
Bartram & Ball  
Beck Lumber Company  
Big Bear Lumber Co.  
Bourgouin, H.  
Canadian General Lumber Company  
Edwards & Co., W. C.  
Fesserton Timber Co.  
Grier & Sons, Ltd., G. A.  
Hocken Lumber Company  
Mason, Gordon & Company  
McCormack Lumber Company  
McDonagh Lumber Company  
McElroy Lumber Co., Ltd.  
Robertson & Hackett Sawmills  
Snowball & Co., J. B.  
Spencer, Limited, C. A.  
Stalker, Douglas A.  
Sutherland Lumber Co., A. A.  
Terry & Gordon  
Vancouver Lumber Company  
Vanderhoof Lumber Company

## HOISTING AND HAULING ENGINES

General Supply Co., of Canada, Ltd.





SILVER LEAF BRAND PURE LARD  
JEWEL BRAND SHORTENING  
BARRELLED BEEF AND PORK  
FRESH AND FROZEN MEATS  
COOKED AND SMOKED MEATS  
SAUSAGE, SOAP, CANNED GOODS

## Let Him Be the Judge

*and Swift's Products will be his choice*

Old-timers in the lumber camps are keen critics of the food served and many a time have slipped away to another camp because the grub was better. Their preference for Swift's products is thus high tribute to the quality.

But the camp operator must consider other things. Supplies ordered must reach him promptly, in good condition, and without substitution. To ensure him this service, branches have been established from coast to coast, each carrying a very large stock ready for immediate shipment.

Why not take advantage of the perfect facilities offered you by the most up-to-date Packing House in Canada? One order will convince you of the superiority of Swift products and service.

## Swift Canadian Co. Limited

**PLANTS:**—Toronto, Winnipeg, Edmonton, New Westminster

**BRANCHES:**—Ottawa, Montreal, Quebec, Hamilton, St. Catharines, Fort William

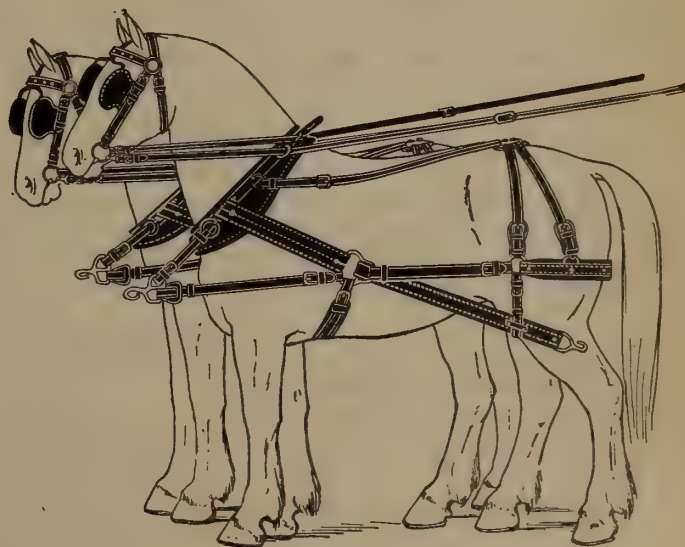
## What about your Harness Requirements?

When you think of HARNESS  
think of LAMONTAGNE LIMITED.



### Alligator Brand Harness

The only harness that will stand up to  
the exacting demands of the lumber-  
ing industry.



HORSE BLANKETS FOR THE LUMBER TRADE A SPECIALTY.

*Lamontagne Limited.*

52 Crown Street,  
QUEBEC.

Headquarters: 338 Notre Dame St. W., MONTREAL

110 Princess Street,  
WINNIPEG



Hopkins & Co., Ltd., F. H.  
London Concrete Machinery Co.  
Mussens, Ltd.

#### HOSE

General Supply Co., of Canada, Ltd.  
Gutta Percha & Rubber Company  
Mussens, Ltd.

#### INSURANCE

Burns Underwriting Company  
Hardy & Company, E. D.  
Rankin Benedict Underwriting Co.

#### INTERIOR FINISH

Cameron Lumber Company  
Canadian Western Lumber Co.  
Canfield, P. L.  
Eagle Lumber Company  
Mason, Gordon & Co.  
Rose, McLaurin, Limited  
Terry & Gordon

#### KILN DRIED LUMBER

Bury & Co., Robt.

#### KNIVES

Disston & Sons, Henry  
Simonds Canada Saw Company  
Waterous Engine Works Company

#### LAMPS AND LANTERNS

Coleman Lamp Co.  
Mussens, Ltd.

#### LARCH

Otis Staples Lumber Company

#### LATH

Adams River Lumber Co.  
Anderson, Shreiner & Mawson  
Apex Lumber Company  
Austin & Nicholson  
Beck Lumber Company  
Brennen & Sons  
Cameron Lumber Company  
Canadian General Lumber Company  
Carew Lumber Company, John  
Chaleurs Bay Mills

Dadson, A. T.  
Eagle Lumber Company  
Fassett Lumber Company, Limited  
Foley Lumber Company  
Fraser Bryson Lumber Co., Ltd.

Gloucester Lumber & Trading Co.  
Grier & Sons, Ltd., G. A.  
Harris Tie & Timber Company, Ltd.  
Larkin Company, C. A.  
Mason & Company, Geo.  
McLennan Lumber Company  
Miller, W. H. Company  
New Ontario Colonization Company  
Otis Staples Lumber Company  
Power Lumber Company  
Shevlin-Clarke Company  
Snowball & Co., J. B.  
Terry & Gordon  
U. G. G. Sawmills, Limited  
Union Lumber Company  
Victoria Harbor Lumber Company

#### LATH BOLTERS

General Supply Co. of Canada, Ltd.  
Hamilton Company, William  
Payette & Company, P.

#### LOCOMOTIVES

Engineering & Machine Works of  
Canada  
General Supply Co. of Canada, Ltd.  
Hopkins & Co., Ltd., F. H.  
Climax Manufacturing Company  
Montreal Locomotive Works  
Mussens, Ltd.

#### LINK-BELT

Canadian Link-Belt Company  
Hamilton Company, William

#### LOCOMOTIVE CRANES

Canadian Link-Belt Company  
Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.

#### LOGGING ENGINES

Engineering & Machine Works of  
Canada

Hopkins & Co., Ltd., F. H.  
Mussens Limited

#### LOG HAULER

Engineering & Machine Works of  
Canada  
Green Company, G. Walter  
Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.  
Payette & Company, P.

#### LOGGING MACHINERY AND EQUIPMENT

General Supply Co. of Canada, Ltd.  
Hamilton Company, William  
Hopkins & Co., Ltd., F. H.  
Payette & Company, P.  
Smith Foundry Co.  
Sylvester Manufacturing Co.  
Waterous Engine Works Company  
West, Peachey & Sons  
Mussens Limited

#### LUMBER DRY KILNS

Sturtevant, B. F. & Co.

#### LUMBER EXPORTS

Fletcher Corporation

#### LUMBER TRUCKS

Hamilton Company, William  
Mussens, Ltd.  
Waterous Engine Works Company

#### LUMBERMEN'S BOATS

Adams Engine Company  
Gidley Boat Company  
West, Peachey & Sons

#### MATTRESSES

Simmons Limited

#### MOTORS

Sturtevant, B. F. & Co.

#### NAILING MACHINES

Yates Machine Co., P.B.

#### OAK

Long-Bell Lumber Company  
Maus Lumber Co., Chas. O.

#### PACKING

Beveridge Supply Company  
Gutta Percha & Rubber Company

#### PANELS

Bury & Company, Robt.

#### PAPER

Beveridge Supply Company

#### PINE

Adams River Lumber Co.  
Anderson Lumber Company, C. G.  
Anderson, Shreiner & Mawson  
Atlantic Lumber Company  
Austin & Nicholson  
Beck Lumber Company  
Big Bear Lumber Co.  
Black Rock Lumber Co.  
Cameron Lumber Company  
Canadian General Lumber Company  
Canadian Western Lumber Co.  
Canfield, P. L.  
Chesbro, R. G.  
Cleveland-Sarnia Sawmills Company  
Cox, Long & Company  
Dadson, A. T.  
Dudley, Arthur N.  
Eagle Lumber Company  
Edwards & Co., W. C.  
Excelsior Lumber Company  
Fesserton Timber Co.  
Fraser Bryson Lumber Co., Ltd.  
Gillies Bros, Limited  
Gloucester Lumber & Trading Co.  
Gordon & Company, George  
Goodday & Company, H. R.  
Grier & Sons, Ltd., G. A.  
Harris Tie & Timber Company, Ltd.  
Hettler Lumber Co., Herman H.  
Hocken Lumber Company  
Julien, Roch  
Lay & Haight  
Lloyd, W. Y.  
Loggie Company, W. S.  
Long-Bell Lumber Company  
Mason, Gordon & Co.  
Mason & Company, Geo.

# FIRE BRICK AND CLAY

We make several brands of fire brick by every known process of manufacture from a selection of various high grade Pennsylvania clays. This enables us to furnish the best for your boilers, dutch ovens, refuse burners, kilns, etc. We specialize in fire brick for power plants and if you will advise us whether your boilers are hand fired or stoker fired and kind of fuel used we can then give you the proper brick for your work.

We carry a large stock of our different brands in various sizes and shapes in our Hamilton warehouse which enables us to ship at once.

We manufacture the following well-known brands:

**"Elkco Special," "Elk Steel,"**

**"St. Marys," "Keystone" and "M.D. Elk"**

Write for copy of our catalogue,

**Elk Fire Brick Co. of Canada, Ltd.**

HIGH GRADE FIRE BRICK and CLAY

**Sun Life Bldg., Hamilton, Canada**

Representatives for Maritime Provinces:

**RHODES, CURRY COMPANY, Ltd., Head Office, AMHERST, N.S.**

Branches at Sydney and New Glasgow, N. S.



## Put your problem up to us

We are specialists in building locomotives. We build all types and sizes, also all kinds of repair parts for locomotives and tenders.

Our experience puts us in a position to give you expert advice as to what particular type and size of locomotive is best suited to your needs.

**Put Your Locomotive Problem  
up to us.**

## Montreal Locomotive Works

Limited

**Dominion Express Building, : Montreal, Canada**



# Cut the Cost of Logging

## A BARIENGER BRAKING DEVICE

will eliminate the cost of building and operating long winding roads because larger loads can be taken down steeper grades, swiftly and safely. It also saves the cost of sand and straw hilling in upland logging operations.

Investigate **NOW**

**RYTHER & PRINGLE COMPANY**

**CARTHAGE, N.Y.**



## Gerlach Modern Machinery Produces Cheaper and Better

Tight and Slack Cooperage. Stock for Barrels, Kegs and Tubs, ready to set up into non-leaking packages of 5 to 120 gallons liquid capacity, or for semi-liquid and dry materials up to 800 lbs. weight. We manufacture machinery for sawing, jointing, planing and crozing staves; for sawing, jointing, dowl-ling, planing and circling heading.

### MODERNIZE YOUR PLANT

Scrap Machinery invented before the Civil War and install a Gerlach Outfit that will make Tight Barrels that are tight, from any strong non-porous timber.

### BUILD

Barrels with perfect joints that will not leak; a product that is infinitely superior to the tin and iron near barrels now being experimented with. Wood is tasteless, stainless and rustless and being a poor conductor of heat or moisture, keeps its contents in their original condition.

### CYLINDER SAWS RESTEELED

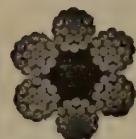
### MODERN BOXBOARD MACHINERY

## The Peter Gerlach Co.

Columbus, Winter and Leonard Sts.  
CLEVELAND, OHIO



## WIRE ROPE



**"We have the Right Rope for every purpose"**

The contributing factors in making good Wire Rope are: 1. Men who know how. 2. The best grade of materials. 3. The most modern machinery. We have all three and are producing the goods. Give us a trial.

**We solicit your enquiries. Write for our catalogue.**

Stock carried in Montreal by J. H. HANSON CO. LTD., Agent

**Canada Wire & Iron Goods Co., Hamilton**

Stock carried in Edmonton and Calgary  
N. F. Judah, McLeod Building, Edmonton, Agent

## FOR SALE

- 1—24 ton Forney type Locomotive standard gauge.
- 1—50 ton Shay Geared Locomotive, standard gauge.
- 24—Russel Log Cars, 10 ft. bunks.
- 1—Barnhart Log Loader.
- 12 miles 52 and 56 lb. Relaying Rail.
- 5 miles 30 lb. Relaying Rail.
- 3 miles 16 lb. Relaying Rail.

## JOHN J. GARTSHORE

58 Front St. West

TORONTO

## There's Real Economy in Arrow Head Saws

MADE  
IN  
CANADA



The use of Arrow Head Saws represents real economy because their quality and manufacture ensure perfect satisfaction at all times.

Arrow Head Saws are made of the highest grade Vanadium Steel, carefully treated to facilitate cutting and lengthen their life. We also make a full line of wood-cutting saws.

Prices and full information upon request.

**T. F. Shurly Co., Limited**      **St. Catharines, Ont.**



McCormack Lumber Company  
McFadden & Malloy  
McLennan Lumber Company  
Montreal Lumber Company  
Muir & Kirkpatrick  
Northern Lumber Mills  
Otis Staples Lumber Company  
Parry Sound Lumber Company  
P. Q. Lumber Co.  
Rolland Lumber Company  
W. & J. Sharples  
Shevlin-Clarke Company  
Snowball & Co., J. B.  
Spencer, Limited, C. A.  
Stalker, Douglas A.  
Summers, James R.  
Terry & Gordon  
Union Lumber Company  
Victoria Harbor Lumber Company  
Watson & Todd, Limited

**PLANING MILL EXHAUSTERS**  
Toronto Blower Company  
Sturtevant, B. F. & Co.

**PLANING MILL FANS (Reversible)**  
Mussens, Ltd.

**PLANING MILL MACHINERY**  
Mershon & Company, W. B.  
Toronto Blower Company  
Yates Machine Company, P. B.

#### POPLAR

Keewatin Lumber Co.

**PORTABLE SAWMILLS**  
Brady Machinery Co.

**POST GRINDERS**  
Smith Foundry Company

**POSTS AND POLES**  
Anderson, Shreiner & Mawson  
Canadian Tie & Lumber Co.  
Eagle Lumber Company  
Harris Tie & Timber Company, Ltd.  
Long-Bell Lumber Company  
Mason, Gordon & Co.  
McLennan Lumber Company  
Terry & Gordon

#### PULLEYS AND SHAFTING

Bernard Industrial Co., The A.  
Canadian Link-Belt Company  
General Supply Co. of Canada, Ltd.  
Green Company, G. Walter  
Engineering & Machine Works of Canada  
Hamilton Company, William  
McLaren, D. K. Ltd.  
Williams Machinery Co., A. R.

#### PULP MILL MACHINERY

Canadian Link-Belt Company  
Engineering & Machine Works of Canada  
Hamilton Company, William  
Payette & Company, P.  
Waterous Engine Works Company  
Williams Machinery Co., A. R.

#### PULPWOOD

British & Foreign Agencies  
D'Auteuil Lumber Company  
Price Bros. & Company  
Scott, Draper & Company

#### PUMPS

Engineering & Machine Works of Canada  
General Supply Co. of Canada, Ltd.  
Hamilton Company, William  
Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.  
Smart-Turner Machine Company  
Waterous Engine Works Company

**PLANING MILL EXHAUSTERS**  
(Steel Plate)  
Sturtevant, B. F. & Co.

#### RAILS

Gartshore, John J.  
Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.

#### ROOFINGS

(Rubber, Plastic and Liquid)  
Beveridge Supply Company  
Reed & Co., Geo. W.

#### RUBBER GOODS

Dunlop Tire & Rubber Goods Co.  
Gutta Percha & Rubber Company

#### SAWS

Atkins & Company, E. C.

Disston & Sons, Henry  
General Supply Co. of Canada, Ltd.  
Gerlach Company, Peter  
Green Company, G. Walter  
Hoe & Company, R.  
Radcliff Saw Mfg. Company  
Shurly Company, Ltd., T. F.  
Shurly-Dietrich Company  
Simonds Canada Saw Company

#### SAW GRINDERS

Smith Foundry Company

#### SAW MILL LINK-BELT

Canadian Link-Belt Company

#### SAW MILL MACHINERY

Brady Machinery Co.  
Canadian Link-Belt Company  
Clark Bros. Co.  
General Supply Co. of Canada, Ltd.  
G. Walter Green Company, Ltd.  
Hamilton Company, William  
La Compagnie Manufacture, F. X. Bertrand  
Long Mfg. Company, E.  
Mershon & Company, W. B.  
Parry Sound Lumber Company  
Payette & Company, P.  
Waterous Engine Works Company  
Yates Machine Company, P. B.

#### SAW SHARPENERS

Hamilton Company, William  
Waterous Engine Works Company

#### SAW SLASHERS

Hamilton Company, William  
Payette & Company, P.  
Waterous Engine Works Company

#### SHINGLES

Apex Lumber Company  
Associated Mills, Limited  
Cameron Lumber Company  
Campbell-MacLaurin Lumber Co.  
Canadian Western Lumber Co.  
Carew Lumber Company, John  
Chaleurs Bay Mills  
Chesbro, R. G.  
D'Auteuil Lumber Company  
Eagle Lumber Company  
Fraser, Companies Limited  
Gillespie, James  
Gloucester Lumber & Trading Co.  
Grier & Sons, Ltd., G. A.  
Harris Tie & Timber Co., Ltd.  
Mason, Gordon & Co.  
McLennan Lumber Company  
Miller Company, Ltd., W. H.  
Rose, McLaurin, Limited  
Snowball & Co., J. B.  
Stalker, Douglas A.  
Terry & Gordon  
Timms, Phillips & Company  
Vancouver Lumber Company  
Vanderhoof Lumber Company

#### SHINGLE & LATH MACHINERY

Green Company, C. Walter  
Hamilton Company, William  
Long Manufacturing Company, E.  
Payette & Company, P.  
Smith Foundry Company

#### SILENT CHAIN DRIVES

Canadian Link-Belt Company

#### SLEEPING EQUIPMENT

Simmons Limited

#### SLEEPING ROBES

Woods Mfg. Company, Ltd.

#### SMOKESTACKS

Hamilton Company, William  
Horton Steel Works  
Reed & Co., Geo. W.  
Waterous Engine Works Company

#### SNOW PLOWS

Pink & Company, Thomas

#### SPARK ARRESTORS

Reed & Company, Geo. W.  
Waterous Engine Works Company

#### SPRUCE

Adams River Lumber Co.  
Anderson, Shreiner & Mawson  
Big Bear Lumber Co.  
Cameron Lumber Company

Campbell, McLaurin Lumber Co.  
Canadian Western Lumber Co.  
Chesbro, R. G.  
Coburn Lumber Co.  
Cox, Long & Company  
Dadson, A. T.  
Dudley Arthur N.  
Fassett Lumber Company, Ltd.  
Fraser, Companies Limited  
Fraser Bryson Lumber Co., Ltd.  
Gillies Brothers  
Gloucester Lumber & Trading Co.  
Goodday & Company, H. R.  
Gravel Lumber Co.  
Grier & Sons, Ltd G. A.  
Harris Lumber Co., Frank H.  
Hocken Lumber Company  
International Land & Lumber Co.  
Julien, Roch  
Larkin Co., C. A.  
Lay & Haight.  
Lloyd, W. Y.  
Loggie Co., W. S.  
Mason, Gordon & Co.  
McCormack Lumber Co.  
McDonagh Lumber Co.  
McElroy Lumber Co., Ltd.  
McLennan Lumber Company  
Muir & Kirkpatrick  
New Ontario Colonization Co.  
Northern Lumber Mills  
Power Lumber Co.  
P. Q. Lumber Co.  
Rolland Lumber Co.  
Rose, McLaurin, Limited  
W. & J. Sharples.  
Snowball & Co., J. B.  
Spencer, Limited, C. A.  
Sutherland Lumber Co., A. A.  
Terry & Gordon  
U. G. G. Sawmills, Limited  
Vanderhoof Lumber Company

#### STEAM ENGINES

Lamontague, Ltd.

#### STEAM SHOVELS

Hopkins & Co., Ltd., F. H.

#### STEEL CHAIN

Canadian Link-Belt Company  
Hopkins & Co., Ltd., F. H.  
Waterous Engine Works Company

#### STEAM PLANT ACCESSORIES

Waterous Engine Works Company

#### STEEL BARRELS

Smart-Turner Machine Company

#### STEEL DRUMS

Smart-Turner Machine Company

#### TARPAULINS

Turner & Sons, J. J.  
Woods Manufacturing Company Ltd.

#### TANKS

Hopkins & Co., Ltd., F. H.  
Horton Steel Works

#### TENTS

Turner & Sons, J. J.  
Woods Mfg. Company

#### TIES

Austin & Nicholson  
Carew Lumber Co., John  
Canadian Tie & Lumber Co.  
Chaleurs Bay Mills  
D'Auteuil Lumber Co.  
Gloucester Lumber & Trading Co.  
Harris Tie & Timber Company Ltd.  
International Land & Lumber Co.  
McLennan Lumber Company  
Miller, W. H. Co.  
Scott, Draper & Co.  
Terry & Gordon

#### TIMBER BROKERS

Bradley, R. R.  
Cant & Kemp  
Farnworth & Jardine  
Wright, Graham & Co.

#### TIMBER CRUISERS AND ESTIMATORS

Savage & Bartlett.  
Sewell, James W.

#### TIMBER LANDS

Department of Lands & Forests, Ont.

#### TOWING MACHINES

Payette & Company, P.  
West, Peachey & Sons

#### TRACTORS

Holt Manufacturing Company  
Hopkins & Co., Ltd., F. H.  
Mussens Limited

#### TRAILERS

Dominion Truck Equipment Co.  
Mussens, Ltd.  
Sylvester Manufacturing Co.

#### TRANSMISSION MACHINERY

Canadian Link-Belt Company  
Engineering & Machine Works of Canada  
General Supply Co. of Canada, Ltd.  
Grand Rapids Vapor Kiln  
Hamilton Company, William  
Kennedy, Wm. & Sons  
Waterous Engine Works Co.

#### TRUCKS

Tudhope Anderson Co.

#### TRUCK UNITS

Dominion Truck Equipment Co.

#### TURBINES

Engineering & Machine Works of Canada  
Hamilton Company, William

#### TURBO UNDERGRATE BLOWERS

Sturtevant, B. F. & Co.

#### VALVES

Crane, Limited

#### VAPOR KILNS

Grand Rapids Vapor Kiln

#### VENEERS

Bury & Co. Robt.

#### VENEER DRYERS

Coe Manufacturing Company

#### VENEER MACHINERY

Coe Manufacturing Company

#### VETERINARY REMEDIES

Dr. Bell Veterinary Wonder Co.  
Johnson, A. H.

#### WARPING TUGS

West, Peachey & Sons

#### WATER WHEELS

Engineering & Machine Works of Canada  
Hamilton Company, William

#### WIRE

Canada Metal Co.  
Laidlaw Bale Tie Company  
Canada Wire & Iron Goods Co.

#### WIRE CLOTH

Canada Wire & Iron Goods Co.

#### WIRE ROPE

Canada Wire & Iron Goods Co.  
Hopkins & Co., Ltd., F. H.  
Dominion Wire Rope Co.  
Greening Wire Co., B.  
Mussens, Ltd.

#### WOODWORKING MACHINERY

General Supply Co., of Canada, Ltd.  
Long Manufacturing Company, E.  
Mershon & Company, W. B.  
Waterous Engine Works Co.  
Yates Machine Company, P. B.

#### WOOD PRESERVATIVES

Beveridge Supply Company  
Austin & Nicholson  
New Ontario Colonization Company  
Power Lumber Co.

#### WOOD PULP

Austin & Nicholson  
New Ontario Colonization Co.  
Power Lumber Co.





The Linn Logging Tractor Hauling 63½ cords of Pulpwood

# THE LINN LOGGING TRACTOR

The Canadian Logger has evidenced his appreciation of the value of the Linn Logging Tractor for log haulage.

This winter the Linn Logging Tractors will be found operating as far East as Newfoundland and as far West as the Port Arthur District, and as far North as Cobalt.

It is our hope that every Canadian Logger will this winter avail himself of the opportunity to see Linn Logging Tractors in operation during the haul.

As Linn Logging Tractors will be in operation this winter within easy reach of every locality in Ontario, Quebec and Newfoundland, any operator will be able to see a Linn Logging Tractor operation without loss of much time from his own operation.

We will gladly supply any interested operators with the name of his nearest neighbor who is using Linn Equipment.

—Logging Department—

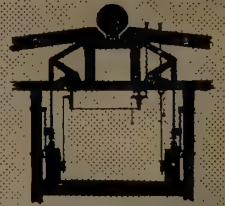
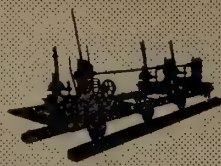
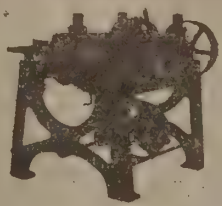
## MUSSENS LIMITED

Dubrue Building

Philips Place

Montreal



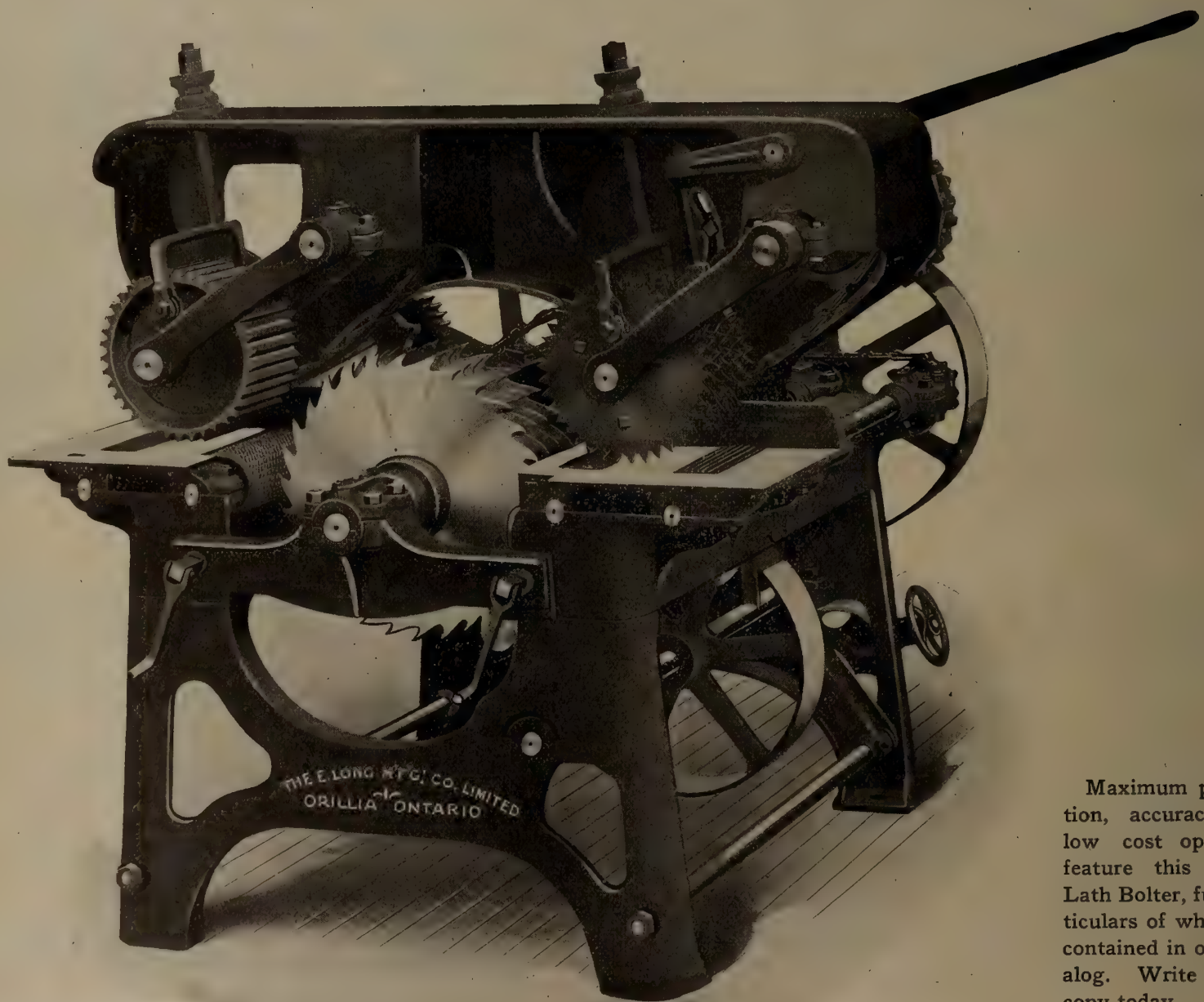


LUMBERMEN'S



EQUIPMENT

# **SPEED? You can get it with this No. 3 Lath Bolter**



Maximum production, accuracy, and low cost operation feature this No. 3 Lath Bolter, full particulars of which are contained in our catalog. Write for a copy today.

## **The E. Long Manufacturing Co., Limited** **Orillia** **Canada**

A. R. Williams Machinery Co.  
of Canada Ltd. Vancouver  
Gormans, Ltd. Calgary and Edmonton



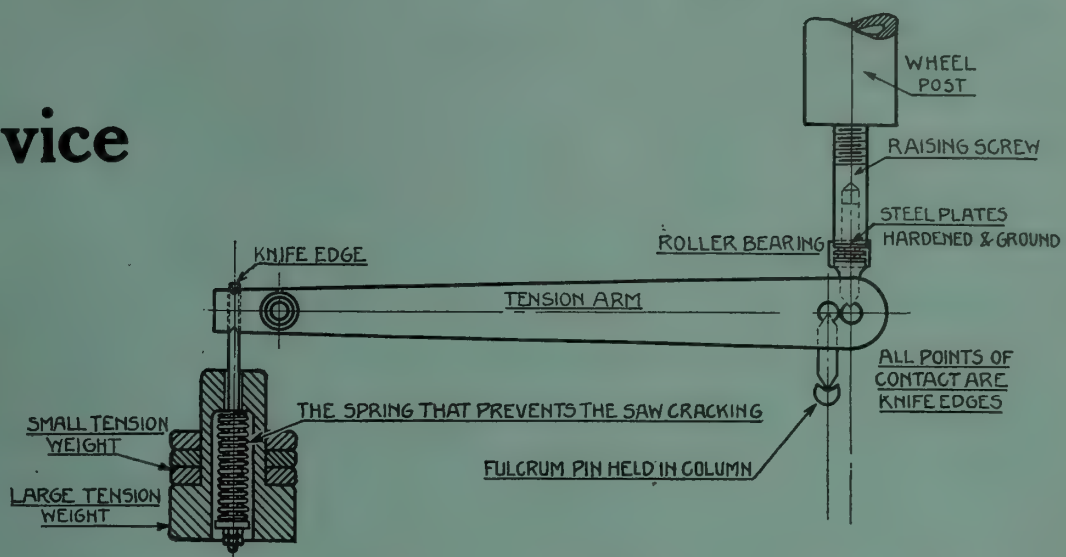
A. R. Williams Machinery Co.,  
of Canada, Ltd., Winnipeg  
Williams & Wilson, Ltd., Montreal



# Why 255 Waterous Band Mills Have Been Purchased

## No. 6 Tension Device

We would like particularly to draw your attention to the tensioning device supplied on this mill, and for that reason attach the diagram shown.



From it you can see why the "New Model" Mill has earned a reputation for being easy on saws and why we make our tensioning device a strong talking point in all our references to the mill. First of all, its construction is such that the device as a whole will act independently of the position of the upper wheel. You will notice that the fulcrum points throughout are knife edges and that the tension weight is not solid but is a hollow casting supported on an internal spring. By using the knife edged fulcrums we obtain extreme sensitiveness and the spring within the tension weights increases this. When a sudden vibration or jar is thrown on the mill the extra tension is not transferred momentarily to the saw as is the case with rigidly connected weights where the weights themselves have to move for every jar or vibration—but the shock is smoothly taken up and balanced by the springs.

That this tensioning device is successful in prolonging the life of saws used on the mill, this extract from a letter from one of our customers will indicate. He writes:—

"We have sawed over 20,000,000 feet this past season, our logs run about forty to the thousand, and have not broken or cracked a saw."

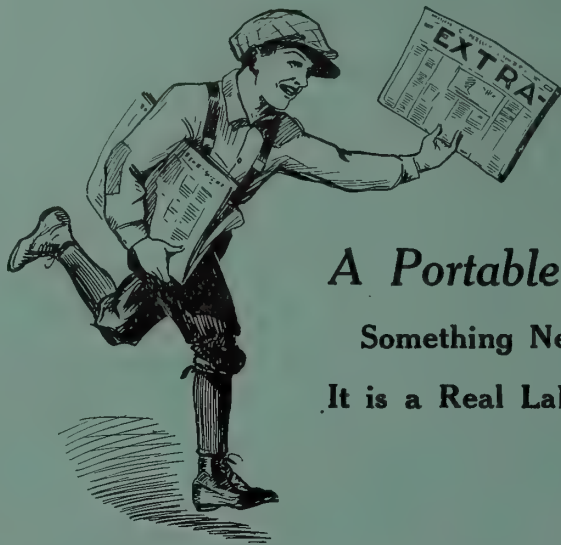
Molson's Bank Building, Vancouver

Winnipeg, Man.

# Waterous

BRANTFORD, ONTARIO, CANADA





ANNOUNCING

*Cadillac*  
404  
PATENTED

**A Portable Sawmill—**

Something New and Greatly Improved

It is a Real Labor-Saver and Produces the  
Goods

**Y**ES, it is a Portable Sawmill designed especially to handle short logs, veneer cores, etc., working the same up into good marketable stock, railroad ties, box lumber, dimension stock, cooperage stock, etc.

To insure reasonable deliveries we are putting forth maximum efforts towards increased production.

**BRADY MACHINERY COMPANY**

Traverse City, Mich.

*Cadillac*  
404

Cadillac, Mich.

Manufacturers of  
**Portable Sawmill Machinery**

General Offices:  
Traverse City, Mich.  
U. S. A.

Machine Shops and Foundries  
Cadillac, Mich.  
U. S. A.



# Canada Lumberman

founded 1880

Old things are behind  
and  
we are facing the new  
—With Confidence—  
We are optimistic for the  
future—are you?

**J. J. Turner & Sons Ltd.**

Manufacturers Tents—Taraulins—Horse Blankets  
Lumbermen's Supplies, Etc.

Peterborough

Ontario

## IT'S SERVICE THAT COUNTS

For complete Service and absolute Security—At  
a Saving in cost call on

**E. D. HARDY & CO.**

INSURANCE for LUMBERMEN

Specialists in LUMBER and WOODWORKING Risks

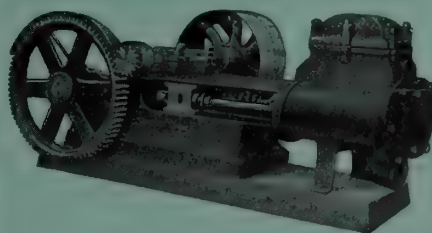
BOOTH BLDG:

OTTAWA, ONT

**Burns Underwriting Company**

New **RAILS** Relaying  
12 to 80 pounds per yard  
**LOGGING CARS**

**Jno. J. Gartshore**  
58 Front St. West, Toronto



For Long Service  
and  
Minimum Repair Bills

**Try Smart-Turner Pumps**  
**The Smart-Turner Machine Company, Limited**  
Hamilton, Canada

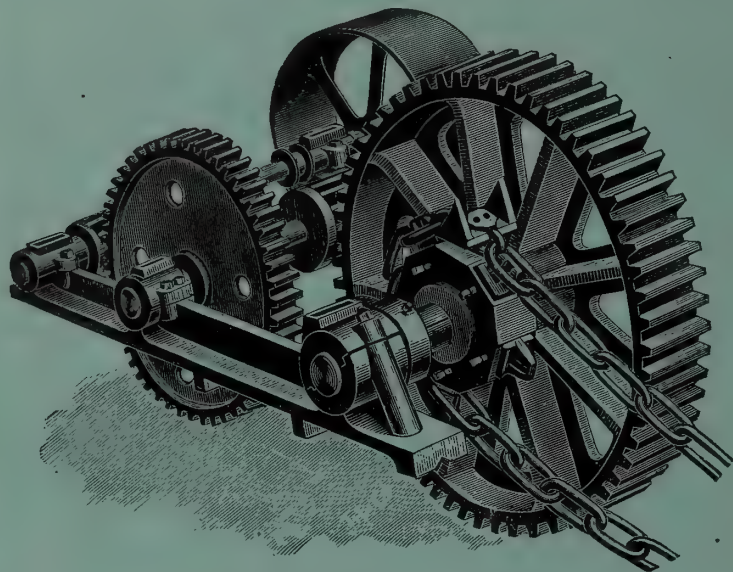
**EDDY'S**  
**matches**

Sound, Sturdy, Safe,  
No Afterglow. Non-poisonous.  
The Most of the Best at no greater  
cost. And—CANADIAN CLEAN  
THROUGH.  
Always, everywhere in Canada ask  
for Eddy's Matches.

**The E. B. Eddy Co. Limited**  
HULL, CANADA



# "HAMILTON" PRODUCTS



No. 2 Jack Works

"Hamilton" Machinery is built in a plant that has been specializing in High Grade Dependable Saw Mill, Pulp Mill and Hydraulic Turbine Equipment for over sixty years. We guarantee our products in material, design and workmanship to be the equal of any on the market, and to give perfect satisfaction wherever used.

## "Quality First" Our Motto

### SAW MILL

Boom Chains  
Warping Anchors  
Capstans for Warping  
Log Jacks  
Log Deck Equipment  
Band Mills  
Log Carriages  
Set Works (steam & hand)  
Edgers  
Husk Frames  
Live Rolls and Drives  
Slashers  
Trimmers  
Cut-off Saws  
Lath Mill Machinery  
Shingle Mill Machinery  
Filing Room Machinery  
Resaws (circular)  
Hogs  
Drag Saws  
Gang Circulars  
Twin Circulars  
Steam Feeds  
Friction Feeds  
Transmission Machinery  
Haul-up and Transfer Chains  
Refuse Burners  
Conveyors

### SAW MILL—Cont'd.

Engines (slide and piston valve)  
Boilers  
Feed Water Heaters

### PULP MILL

Log Haul-Ups  
Pulp Wood Slashers  
Pulp Wood Conveyors  
Barking Drums  
Centrifugal Pulp Screens (horizontal and vertical)  
Pulp Grinders  
Centrifugal Stuff Pumps Simplex, Duplex and Triplex)  
Stuff Pumps  
Jordan Engines  
Beating Engines  
Slusher Tanks  
Chippers  
Chip Crushers  
Chip Screens (rotary and flat)  
Digester Fittings  
Push Fans  
Agitator Drives  
Refuse Burners  
Transmission machinery

### HYDRAULIC POWER PLANT

Water Wheels  
Water Wheel Governors  
Head Gate Hoists  
Stop Log Winches  
Trash Racks  
Butterfly Valves  
Power Transmission  
Hand Power Travelling Cranes  
Steel Feeder Pipes  
Surge Tanks

### GENERAL

Gray Iron Castings  
Brass Castings  
Special Machines built to order  
Patterns  
Structural Steel Work  
Transmission Machinery  
Steel Plate Work  
Tanks  
Standpipes  
Smoke Stacks  
Boiler Breechings  
Steel Pipe  
Steel Bins and Hoppers

Horizontal Twin Turbine  
in Open Flume

# William Hamilton Co., Limited

Agents: J. L. Neilson & Co. Winnipeg, Man.

Peterboro, Ontario



# **Knox Brothers, Limited**

Head Office:  
**512-513 Drummond Building, Montreal, Que.**



This photograph shows our last steamer for 1922 discharging timbers at our dock. This vessel carried five million feet, the greatest load of timbers of any kind that ever came up the St. Lawrence River.

***We are Specialists in British Columbia Forest Products***

**We Handle  
The Best in the West**

If you are interested in Western stock send us your inquiries. We can make quick shipments from our Montreal stock.



for your buyers of

# WHITE PINE

As specialists in White Pine, we are able to offer unusually attractive prices and service for this lumber. There is no finer pine to be found than that which our La Cloch Hills limits yield and the care taken in its manufacture ensures lumber of the highest grade. It is remarkably free from defects and is certain to please the most critical of your buyers. One order usually makes a steady customer.

Before ordering your requirements in lumber, ask us to submit quotations. Orders and enquiries receive our prompt and careful attention.

**HOCKEN LUMBER CO., LTD.**  
630 Confederation Life Bldg. TORONTO Main 3153

## SOUTHERN HARDWOODS Dry Stock at Buffalo for Quick Shipment

WHITE ASH					CYPRESS					TENNESSEE SCENTED CEDAR					QUARTERED RED OAK				
1 & 2	Strips	Com.	No. 1	Com. No. 2	1 & 2	Select	No. 1 Shop	No. 2 Shop	1 in.—29,000	1 1/4 in.—2,500	1 & 2	Clear	No. 1	Com. No. 2					
3/4 in.	2,000	1,417	2,800	3/4 in.	500	1,100	1,500	200	1 in.	2,500	1 & 2	Strips	No. 1	Com. No. 2					
1 in.	155,300	12,000	35,000	1 in.	64,200	121,000	82,800	3,700	1 1/4 in.	80,100	16,300	5,000	1 1/4 in.	1,700	5,700	500			
1 1/4 in.	62,500	5,000	87,500	1 1/4 in.	127,300	41,500	12,400	1,200	1 1/2 in.	88,000	42,000	4,400	1 1/2 in.	6,200	2,500	1,400			
1 1/2 in.	56,000	11,500	87,000	1 1/2 in.	88,000	42,000	4,400	.....	2 in.	14,000	10,900	4,700	2 in.	5,900	900	.....			
2 in.	86,000	600	128,000	2 in.	14,000	10,900	4,700	.....	2 1/2 in.	29,700	31,800	21,000	2 1/2 in.	.....	7,400	.....			
2 1/2 in.	56,500	.....	23,000	2 1/2 in.	29,700	31,800	21,000	800	3 in.	8,200	9,000	4,000	3 in.	.....	.....	.....			
3 in.	63,500	.....	47,500	3 in.	8,200	9,000	4,000	200	4 in.	.....	.....	.....	4 in.	.....	.....	.....			
4 in.	76,900	.....	16,000	4 in.	.....	.....	.....	.....	PLAIN RED OAK					POPLAR					
CHERRY					PLAIN RED GUM					PLAIN WHITE OAK					POPLAR				
1 & 2	Strips	Com.	No. 1	Com. No. 2	1 & 2	No. 1	No. 2	No. 3	1 & 2	No. 1	No. 2	No. 3	1 & 2	Clear	No. 1	Com. No. 2			
1 in.	32,500	8,200	181,900	213,000	1 in.	50,000	31,900	600	1 & 2 <td>No. 1<td>No. 2<td>No. 3<td>1 &amp; 2<td>Strips<td>No. 1<td>Com. No. 2</td></td></td></td></td></td></td>	No. 1 <td>No. 2<td>No. 3<td>1 &amp; 2<td>Strips<td>No. 1<td>Com. No. 2</td></td></td></td></td></td>	No. 2 <td>No. 3<td>1 &amp; 2<td>Strips<td>No. 1<td>Com. No. 2</td></td></td></td></td>	No. 3 <td>1 &amp; 2<td>Strips<td>No. 1<td>Com. No. 2</td></td></td></td>	1 & 2 <td>Strips<td>No. 1<td>Com. No. 2</td></td></td>	Strips <td>No. 1<td>Com. No. 2</td></td>	No. 1 <td>Com. No. 2</td>	Com. No. 2			
1 1/4 in.	23,500	200	23,600	17,500	1 1/4 in.	23,000	11,325	400	1 1/4 in.	125,800	271,000	86,000	1 1/4 in.	1,500	24,000	1,900			
1 1/2 in.	8,200	.....	33,700	88,300	1 1/2 in.	27,000	61,300	15,500	1 1/2 in.	61,300	33,000	16,200	1 1/2 in.	1,800	52,000	4,800			
2 in.	7,000	.....	28,200	68,900	2 in.	4,000	300	.....	1 3/4 in.	26,700	1,000	.....	1 3/4 in.	3,200	33,300	1,700			
2 1/2 in.	5,500	.....	4,300	2,200	2 1/2 in.	.....	.....	.....	2 in.	29,300	33,000	.....	2 in.	6,800	14,100	22,400			
3 in.	22,700	.....	6,500	5,300	3 in.	.....	.....	.....	2 1/4 in.	16,000	60,000	7,000	2 1/4 in.	8,000	6,700	18,300			
4 in.	4,900	.....	900	400	4 in.	.....	.....	.....	2 1/2 in.	118,800	47,500	2,000	2 1/2 in.	4,000	18,300	13,150			
CHESTNUT					FIGURED RED GUM					PLAIN WHITE OAK					POPLAR				
1 & 2	Clear	No. 1	No. 2	Com.	1 & 2	No. 1	No. 2	No. 3	1 & 2	No. 1	No. 2	No. 3	1 & 2	Strips	No. 1	Com. No. 2			
3/4 in.	1,500	.....	2,000	.....	1 in.	50,000	31,900	600	1 & 2 <td>No. 1<td>No. 2<td>No. 3<td>1 &amp; 2<td>Strips<td>No. 1<td>Com. No. 2</td></td></td></td></td></td></td>	No. 1 <td>No. 2<td>No. 3<td>1 &amp; 2<td>Strips<td>No. 1<td>Com. No. 2</td></td></td></td></td></td>	No. 2 <td>No. 3<td>1 &amp; 2<td>Strips<td>No. 1<td>Com. No. 2</td></td></td></td></td>	No. 3 <td>1 &amp; 2<td>Strips<td>No. 1<td>Com. No. 2</td></td></td></td>	1 & 2 <td>Strips<td>No. 1<td>Com. No. 2</td></td></td>	Strips <td>No. 1<td>Com. No. 2</td></td>	No. 1 <td>Com. No. 2</td>	Com. No. 2			
1 in.	69,000	4,500	105,000	6,000	1 1/4 in.	23,000	11,325	400	1 1/4 in.	125,800	271,000	86,000	1 1/4 in.	1,500	24,000	1,900			
1 1/4 in.	7,800	100	17,200	33,200	1 1/2 in.	27,000	61,300	15,500	1 1/2 in.	61,300	33,000	16,200	1 1/2 in.	1,800	52,000	4,800			
1 1/2 in.	14,500	1,600	75,000	62,300	2 in.	4,000	300	.....	1 3/4 in.	26,700	1,000	.....	1 3/4 in.	3,200	33,300	1,700			
2 in.	14,200	.....	22,300	29,200	2 1/2 in.	.....	.....	.....	2 in.	29,300	33,000	.....	2 in.	6,800	14,100	22,400			
2 1/2 in.	2,000	.....	400	.....	3 in.	.....	.....	.....	2 1/4 in.	16,000	60,000	7,000	2 1/4 in.	8,000	6,700	18,300			
3 in.	1,300	.....	300	500	4 in.	.....	.....	.....	2 1/2 in.	118,800	47,500	2,000	2 1/2 in.	4,000	18,300	13,150			
4 in.	1,500	.....	300	.....	4 1/4 in.	.....	.....	.....	3 in.	18,800	42,800	2,400	3 in.	7,200	19,000	10,200			
HICKORY					SAP GUM					QUARTERED WHITE OAK					POPLAR				
1 & 2	Clear	No. 1	No. 2	Com.	1 & 2	No. 1	No. 2	No. 3	1 & 2	Clear	No. 1	No. 2	1 & 2	Strips	No. 1	Com. No. 2			
1 in.	1,100	6,000	1,000	2,500	1 in.	400	.....	.....	1 & 2 <td>Strips<th>No. 1</th><th>No. 2</th><td>1 &amp; 2<td>Strips<th>No. 1</th><th>Com. No. 2</th></td></td></td>	Strips <th>No. 1</th> <th>No. 2</th> <td>1 &amp; 2<td>Strips<th>No. 1</th><th>Com. No. 2</th></td></td>	No. 1	No. 2	1 & 2 <td>Strips<th>No. 1</th><th>Com. No. 2</th></td>	Strips <th>No. 1</th> <th>Com. No. 2</th>	No. 1	Com. No. 2			
1 1/4 in.	500	1,500	2,050	300	1 1/4 in.	1,400	15,200	2,000	1 1/4 in.	6,100	.....	.....	1 1/4 in.	4,000	10,300	1,800			
1 1/2 in.	9,600	23,900	9,000	2,600	1 1/2 in.	.....	1,800	13,500	1 1/2 in.	3,900	.....	5,600	1 1/2 in.	19,000	84,900	7,800			
2 in.	4,200	12,200	17,200	3,300	2 in.	5,100	2,400	.....	1 3/4 in.	2,800	.....	700	1 3/4 in.	6,000	30,700	5,000			
2 1/2 in.	3,000	13,000	5,700	600	2 1/2 in.	.....	.....	.....	2 in.	35,000	300	2,400	2 in.	15,700	19,000	22,500			
3 in.	8,580	7,200	1,700	.....	3 in.	.....	.....	.....	2 1/4 in.	8,000	500	3,500	2 1/4 in.	20,422	9,400	7,500			
4 in.	400	375	.....	.....	4 in.	.....	.....	.....	2 1/2 in.	2,000	.....	24,100	2 1/2 in.	4,700	15,800	600			
QUARTERED RED GUM					QUARTERED WHITE OAK					BLACK WALNUT					POPLAR				
1 & 2	No. 1	No. 2	No. 3	Com.	1 & 2	No. 1	No. 2	No. 3	1 & 2	Clear	No. 1	No. 2	1 & 2	Strips	No. 1	Com. No. 2			
1 in.	1,100	6,000	1,000	2,500	1 in.	400	.....	.....	1 in.	6,100	.....	.....	1 in.	4,900	4,900	13,300			
1 1/4 in.	500	1,500	2,050	300	1 1/4 in.	1,400	15,200	2,000	1 1/4 in.	3,900	.....	5,600	1 1/4 in.	200	1,300	2,200			
1 1/2 in.	9,600	23,900	9,000	2,600	1 1/2 in.	.....	1,800	13,500	1 1/2 in.	2,800	.....	700	1 1/2 in.	500	400	300			
2 in.	4,200	12,200	17,200	3,300	2 in.	5,100	2,400	.....	2 in.	35,000	300	2,400	2 in.	1,900	11,000	4,000			
2 1/2 in.	3,000	13,000	5,700	600	2 1/2 in.	.....	.....	.....	2 1/4 in.	8,000	500	3,500	2 1/2 in.	200	200	200			
3 in.	8,580	7,200	1,700	.....	3 in.	.....	.....	.....	2 1/2 in.	2,000	.....	24,100	3 in.	110	50	250			
4 in.	400	375	.....	.....	4 in.	.....	.....	.....	3 in.	1,000	.....	400	4 in.	25	500	1,200			
4 1/4 in.	.....	.....	.....	.....	4 1/4 in.	.....	.....	.....	4 in.	1,800	.....	700	.....	.....	.....	.....			
4 1/2 in.	.....	.....	.....	.....	4 1/2 in.	.....	.....	.....	.....	2,500	.....	1,700	.....	.....	.....	.....			

Also large stock of Brown Ash, Basswood, Beech, Birch, Elm and Maple.

**THE ATLANTIC LUMBER CO. Inc.** 310 MANNING CHAMBERS  
TORONTO

MANUFACTURERS SOUTHERN HARDWOOD LUMBER

Head Office: BOSTON, MASS.

Yards: BUFFALO, N.Y.

Mill: KNOXVILLE, TENN., FONDE, KENTUCKY



# Geo. Gordon & Co.

Limited

CACHE BAY - ONTARIO

*Manufacturers of*

## WHITE & NORWAY PINE

Lumber, Dimension Timber  
Lath, Shade Roller Pickets

*Planing Mill in Connection*



WE conduct an extensive trade in Spruce Lath Cedar Ties and New Brunswick Cedar Shingles to the South American and British markets. Docking facilities are unexcelled.

Correspondence invited

32

## CHALEURS BAY MILLS

Main Office and Mills at  
Restigouche, Que.

Portland Office  
31½ Exchange St.

Cable Address: Chalbaw, Portland, & Restigouche, Que.



# EDWARD CLARK & SONS LIMITED

807 Bank of Hamilton Building - Toronto

## Hardwood Lumber

SPECIALTY



BIRCH

The fame of Edward Clark's super-quality Birch extends to the leading lumber dealers, furniture factories and wood-working plants of Canada and the United States.

*Correspondence  
Invited*

An organization as old as this, with the best of connections and the most complete facilities can give you something unique in the way of service. Try us.

### EFFICIENCY, COURTESY AND SERVICE

## LATH and LUMBER

WHITE PINE  
NORWAY PINE

Shevlin - Clarke  Company Limited

FORT FRANCES, ONT.

Manufacturers  
and Wholesalers

Prompt Shipment.  
Attractive Prices.



F  
E  
S  
S  
E  
R  
T  
O  
NF  
E  
S  
S  
E  
R  
T  
O  
N

**PINE HEMLOCK SPRUCE  
SHINGLES LATH  
AND B.C. FOREST PRODUCTS**

We carry large stocks of the highest grade lumber on hand at all times and can make immediate shipment. Let us quote on your requirements. You will find our prices most attractive.

**The FESSERTON TIMBER CO., Limited**  
 15 Toronto St.      Main 795-6      Toronto  
 Western Office: Winch Building, Vancouver, B.C.

# ONTARIO

## *Canada's Banner Province*



Ontario's timber production last year valued at \$26,774,937 or 40% of Canada's total output.

Pine production,	905,442,000 ft. B.M
Pulpwood,	246,282 cords.
Railway Ties,	5,704,459.

Ontario's woodworking industries, using 34 different kinds of wood, provide a ready market for the lumberman. Eighty-two per cent. of lumber used in Ontario's industries purchased within the Province.

Ontario's vast resources offer unsurpassed opportunities to the lumberman.  
 For maps and full information regarding Ontario, apply to

**HON. BENIAH BOWMAN,**

*Minister of Lands and Forests*



# GEORGE MASON & COMPANY

(Successors to Manley Chew)

MANUFACTURERS OF

**Pine—Maple—Beech—Basswood  
Lumber—Lath**

WE INVITE YOUR ENQUIRIES

Mills at Midland, Ont., Thunder Bay, Ont.

Head Office :— Midland, Ont.

## P I N E RED AND WHITE

Also Box and Crating stock, Lath and Shooks—manufactured in our own mills and factories from timber taken from our own limits. If you want something extra good at real prices, this is your chance.

**KEEWATIN LUMBER COMPANY, LTD.**  
KENORA                      ONTARIO

**F. W. Brennen & Sons**  
474 Main St. East                      Hamilton, Ont.

Wholesale  
**LUMBER  
LATH--SHINGLES**

We have what you want:      Write us for quotations

## A. T. DADSON

Wholesale Lumber Broker

350 CONFEDERATION  
LIFE BLDG.

**TORONTO**

Telephone  
Main 1892

Would be glad to hear from manufacturers and wholesalers with particulars of stock of Lumber and Lath.

We are  
Exclusive handlers of the Celebrated  
"VELVET BRAND"  
SHORT LEAF YELLOW PINE

— The softest that grows —

Steam Dried or  
Smoke Dried

Inquiries invited  
Prompt Shipments

**Russell Harris Lumber Company**  
34 Victoria Street, Toronto.      Telephone Main 4700

## The D'AUTEUIL LUMBER CO., Limited

81 St. Peter Street,  
QUEBEC

**Pulpwood, Lumber,  
Spoolwood,  
Ties and Shingles**





## Mr. Millman

We are ready to buy

**Spruce**

**Hemlock**

**Jack Pine**

in block for Prompt Shipment

## Mr. Dealer

We have for sale a full line of

**White Pine—Midland**

**Spruce—Ont. and Que.**

**Hemlock**

**Jack Pine**

**B.C. Mountain Fir and Larch**

**Western Soft Pine**

**Coast Stock**

**Shingles**

*Do not hesitate to buy now*

**TERRY AND GORDON**  
LIMITED  
**CANADIAN FOREST PRODUCTS**

BRANCH  
**MONTREAL**

HEAD OFFICE  
**TORONTO**

BRANCH  
**VANCOUVER**

Ontario Representatives for  
**THE BRITISH COLUMBIA MILLS TIMBER AND TRADING CO., VANCOUVER, B. C.**



Phone Adel. 7718

302 Brass Bldg.

**Cedar Shingles****Western Fir, Spruce and Pine**

All Dimensions All Grades

Old Growth Soft Yellow Fir in Rough Clears

**Southern Yellow Pine**

Canadian Representatives of

Cantrell Lumber Co., New York

Handling the product of several leading Southern Pine Mills. Send us your inquiries for B and Better finish and Rough or sized dimension.

**J. L. Nevison & C. J. Brooks, Toronto, Ont.****Watson & Todd Limited**  
**OTTAWA****WHITE PINE**  
**RED PINE**  
**SPRUCE**

Registered



Trade Mark

**Rideau Club Building**  
Cor. Wellington and  
Metcalf Sts.

Registered



Trade Mar

**We are always in the market to buy Soft Elm, Maple, Birch and other Hardwoods. Also Spruce, Pine, Poplar or Balm for crating.**

**Established Twenty Years**

**Liberal Prices      Fair Inspection**  
**Prompt Payment**

*We have a good Stationary Saw Mill complete with power for sale, capacity 15 to 20 M. per day. Write us for particulars.*

**The Manufacturers' Lumber**  
Company Limited

**Stratford      -      Ont.****BARGAINS IN**  
**Standing Timber**

**A**LL our remaining timber lands and town property situated in the town of Parry Sound are offered for sale by us. The special prices at which these are being sold makes early enquiries advisable.

Good bargains are still obtainable in the Townships of Christie, Allen, Secord, Falconbridge and Street. May we send you full particulars?

**The Parry Sound Lumber Co.****26 Ernest Avenue**

LIMITED

**Toronto, Ont.****Milling in Transit****A Well Equipped Mill****C.P., G.T., & C.N. Railway Connections****Special Mill Work      Prompt Service****J. R. Eaton & Sons, Limited****ORILLIA, ONT.****WIRE PHONE OR WRITE**

For your supply of

**WANAY BIRCH TIMBER**  
**ROUND BIRCH VENEER LOGS**  
**HARDWOOD and SOFTWOOD SAWN LUMBER**

**THE WILLIAM J. MURPHY LUMBER CO.**

55 St. Francois-Xavier St.,

**MONTREAL**

P.O. Box 2043

Phone Main 8268



**The Harris Tie & Timber Co., Ltd.**  
**The C. E. Fleming Tie & Lumber Co., Ltd.**  
**The Poupore Lumber Co.**

Railway Ties, Cedar Poles and Posts, Lumber, Lath, Shingles, Pulpwood

197 SPARKS STREET

OTTAWA, CANADA

**H. R. Goodday**

AND COMPANY

EXPORTERS OF

**SPRUCE AND  
PINE**

New Brunswick Agent

**F. E. NEALE,**

Chatham, N.B.

Head Office: **QUEBEC, P.Q.**



For Prompt Delivery of  
**Hemlock, Spruce, Lath  
 Pulpwood and Hardwoods**

**Dressed and Ripped to Order**

We specialize in Hemlock and Spruce  
 Timbers and have excellent facilities  
 for quick shipment—rail or water  
 delivery.

*Tell us your requirements*

**Fassett Lumber Co., Limited**  
 Fassett, Quebec

**Power Lumber Company Limited**

Successors to River Ouelle Pulp & Lumber Co.

*Manufacturers of*

**SPRUCE**

**Lumber Lath Pulpwood**

*Head Office and Mills at:*

**St. Pacome, Que., Canada**

On Can. Nat. Ry. 75 Miles East  
 of Quebec City

*Also Mills at:*

**Lapointe, Riv. Manie, Powerville  
 and Ste. Apolline**

On Edmunston Div.—Can. Nat. Rys.



THE  
**Montreal Lumber Co.**  
Limited  
**WHOLESALE  
LUMBER**

759 Notre Dame St. W., Montreal

W. K. GRAFFTEY,  
President and Managing Director.

**DR. BELL'S**

**Veterinary Wonder Remedies**

50,000 one dollar (\$1.00) bottles Free  
to horsemen who give the Wonder a fair  
trial. Guaranteed for Colic, Inflamma-  
tion of the Lungs, Bowels, Kidneys,  
Fevers, Distemper, etc. Send 25c for  
Mailing Package, etc. Agents wanted.  
Write your address plainly. DR. BELL,  
V S Kingston, Ont.



**Know  
Your  
Market**

Atimely knowledge of Cana-  
dian construction activities gives  
the lumberman a point of van-  
tage from which to conduct his  
sales.

The Contract Record will keep  
you posted on construction un-  
dertakings large and small.

The subscription price is \$3.00.

Send to

**Contract  
Record**

and Engineering Review  
347  
Adelaide Street West,  
Toronto, Ont.

# LUMBER

## Wanted

Mill-cuts in

**W. Pine  
Hemlock  
Birch  
Elm  
Maple**

**C. G. Anderson Lumber  
Company, Limited**

Manufacturers and Strictly Wholesale  
Dealers in Lumber

SALES OFFICE

**705 Excelsior Life Building  
Toronto**

**BELTING**

All kinds of new and used Belting  
Shipped subject to approval, at  
Lowest Prices in Canada

**YORK BELTING CO.**  
115 York St. Toronto, Ont.

**JACK PINE**

**HEMLOCK**

**SPRUCE**

**JAMES R. SUMMERS**

Wholesale Lumber

95 King St. East TORONTO, Ont.  
Main 7329

**HICKORY AXE HANDLES**

Made From the Best Canadian  
**HICKORY**

Quality, Shape and Finish Unexcelled  
St. Marys Wood Specialty Co. Ltd,  
St. Mary's, Ontario, Canada

High Grade Wood Specialties Ball Bats  
Handles, and Hardwood Lumber."

**BELTING FOR SALE**

We have a large quantity of Second-  
Hand Rubber and Leather Belting in  
all sizes and plys up to 24 inches in  
width, which we can sell at interesting  
prices. Send us your requirements.

**N. SMITH**  
138 York St. - Toronto, Ont.

**Robt. Coltart & Co.**

Royal Liver Building -

**Liverpool England**

Agents for the sale of  
Pine, Spruce and Hard-  
woods. Correspondence  
invited.

Cables—"COLTART" Liverpool

**Cant & Kemp**

52 St. Enoch Square  
**GLASGOW**

**Timber Brokers**

Cable Address, "Tectona," Glasgow  
A1 and ABC Codes used


**FARNWORTH  
& JARDINE**

Cable Address: Farnworth, Liverpool

**WOOD BROKERS  
and MEASURERS**

2 Dale Street, Liverpool, and  
Seaforth Road, Seaforth, Liverpool,  
England





# Quick Action




## You Can Have It

Try the Canada Lumberman Wanted and For Sale Department. Have you anything you wish to buy or sell in the Lumber Industry? You will find this department inexpensive, and a very effective business getter.

Our Classified Advertisers do not repeat the ad, often. They don't have to. They report immediate results. Use these columns to your own advantage.

**CANADA  
LUMBERMAN  
and WOODWORKER**  
347 Adelaide St. W.  
TORONTO



***"Well Bought is Half Sold!"***

## "Sartin," Sure Some Snappy SPRUCE

3 cars	2 x 4"	—	8/16'
5 "	2 x 6"	—	10/16'
3 "	2 x 8"	—	"
2 "	2 x 8 & 10"	—	10/16'
2 "	2 x 12"	—	"
2 "	1 x 12"	—	"

**Good percentage 16 feet.  
Mostly Ontario Stock.  
Want Quick Action.**

**Canadian General Lumber Co.**  
Limited

# FOREST PRODUCTS

TORONTO OFFICE:— 712-20 Bank of Hamilton Building

Montreal Office:— 514 Canada Cement Company Bldg.

Mills: Byng Inlet, Ont.

### TRANSIT CARS

We have at all times inch and two inch B.C. Stock in transit. Particulars on application. We are in the market for medium size blocks of Spruce and Hemlock, inch and two inch, Merchantable grade, and No. 1 White Pine mill culls from 6 to 12'. In writing quote your lowest prices.  
THE FOLEY LUMBER COMPANY,  
18 Toronto Street,  
Main 2746 Toronto. Hill 6939

Manufacturers of

**WIRE** For TYING, BUNDLING  
and many other purposes  
NAILS  
**LAIDLAW BALE TIE CO., Ltd**  
HAMILTON, ONT.

### SAVAGE & BARTLETT

FOREST ENGINEERS  
Timber Estimates, Maps, Topographic  
and Boundary Surveys  
15 State St., BANGOR, MAINE

### W. Y. LLOYD

350 Confederation Life Building,  
TORONTO, Ont.

Dealers in Eastern and Western  
**Canadian Softwoods**

Pine, Spruce, Fir, Hemlock  
Lath and Shingles.

Soliciting enquiries.

### Money Saved, Money Earned

By applying correct cutting  
methods.

Our ESTIMATES help you

**James W. Sewall**

Forest Engineer

Old Town, Davidson Bldg.,  
Maine. Washington, D.C.

Largest Cruising House in America.

### SPECIALTIES

Sawed Hemlock  
Red Cedar Shingles  
White Pine Lath  
Bass and Poplar Siding

**James Gillespie**

Pine and Hardwood

# Lumber

Lath and Shingles

North Tonawanda, N. Y.



**P. L. CANFIELD****Wholesale Lumber****Woodstock****Ontario**

B.C. Fir, Larch, Cedar, Hemlock and Spruce

B.C. Western Soft Pine

B.C. Western White Pine

above grades In Shop or Common

**B.C. PRODUCTS ALWAYS IN TRANSIT****ROSE-McLAURIN**

LIMITED

1226 Bank of Hamilton Building

TORONTO

Phone Main 6752

*We Specialize in***British Columbia Lumber and  
Timber and Red Cedar Shingles***Let us quote you. Our prices are right*

We also handle the well known

**"TEN-TEST" SOLID FIBRE BOARD****A Permanent Lumber  
Service**

**A**FTER several years of inactivity we are now cutting on our modern fully equipped mills at Manistique and Little Lake, Upper Michigan. The timber behind these mills was purchased many years ago by the Stack interests from the then "unlimited" supply. Its quality, particularly the maple and birch, is the envy of northern mill men among whom this tract is famous.

This timber will run the mills to full capacity for fifteen to twenty years. The 40,000,000 feet annual cut will run:

15,000,000 ft. maple annually  
6,000,000 ft. birch annually  
2,500,000 ft. beech annually  
2,500,000 ft. elm annually  
900,000 ft. basswood annually  
200,000 ft. ash annually  
6,000,000 ft. hemlock annually  
3,000,000 ft. white pine annually

the balance in Spruce and Tamarack.

Our exceptional service, grades, and manufacture will be maintained.

"Low freight rate shipments by water to Toronto, Montreal, Owen Sound, Port Arthur, and other Great Lakes and St. Lawrence River Ports. Conveniently located also for rail shipments to inland points by C.P.R. or Soo line."

We will be pleased to hear from old friends and from new ones who can understand and appreciate what permanent connection with such a source of supply would mean.

**STACK LUMBER CO.**

ESCANABA

MICHIGAN

**W.S. LOGGIE****and Company, Limited***Manufacturers  
of Lumber  
including***SPRUCE, PINE  
and LATHS****Head Office****Chatham, N.B.****Mill****Inkerman, N.B.****The Rat Portage Lumber Co., Limited, Vancouver**

MANUFACTURERS OF

**DOUGLAS FIR, SPRUCE AND HEMLOCK**FLOORING, CEILING, SIDING, INTERIOR AND EXTERIOR  
FINISH OF ALL KINDS INCLUDING MOULDINGS**Rough Kiln Dried and Green Clear Fir in All Sizes**

Boards, Shiplap, and Dimension

**ROUGH TIMBERS UP TO 90 FEET LONG**

WE SPECIALIZE IN 1/4  
SCANT SIZED DIMEN-  
SION, ALSO DIMENSION  
AND BOARDS IN THE  
ROUGH



# FRASER COMPANIES, Limited

Bleached Sulphite Pulp Mill. Saw Mills (all Band Saw Mills). Shingle Mill  
HERE THEY ARE ON THE MAP



## Mills and Railway Connections

Saw and Shingle Mills	Railway Connections
Cabano, Que. ....	Temiscouata Ry.
Notre Dame du Lac, Que. ....	Temiscouata Ry.
Glendyne, Que. ....	C. N. Ry.
Estcourt, Que. ....	C. N. Ry.
Sully, N. B. ....	C. N. Ry.
Edmundston, N. B. ....	C.P.R., C.N.R. and Temiscouata Ry.
Magaguadavic, N.B. ....	C. P. R.

Saw and Shingle Mills	Railway Connections
Baker Brook, N. B. ....	C.N.Ry., Temiscouata Ry.
Plaster Rock, N.B. ....	C. P. R.
Summit, N. B. ....	C. N. R.
Fredericton, N. B. ....	C.P.Ry and C.N.Ry.
Nelson, N. B. ....	C. N. Ry.
Campbellton, N. B. ....	C. N. Ry.

Bleached Sulphite Mill, Edmundston, N. B. .... Railway Connection, C.P.R., C.N.R. and Temiscouata Ry.  
Sulphite Mill, Chatham, N. B. .... Railway Connection, C. N. R.

Bleached Sulphite.

Rough and Dressed Spruce.

White Cedar Shingles.

Railway Ties

Piano Sounding Board Stock a Specialty.

Selling and Purchasing Offices :-- EDMUNDSTON, N. B.



# Dry Hardwood for Immediate Shipment



5 Cars 8/4" Soft Elm No. 1 & B.  
 2 " 6/4" Soft Elm, No. 1 & B, 10% No. 2.  
 5 " 4/4" Soft Elm, No. 1 & B, 20% No. 2.  
 5 " 4/4" Soft Elm, No. 3 Common.  
 4 " 4/4" Basswood, No. 1 & B.  
 1 " 4/4" Basswood, No. 2 & 3 C. 15% No. 3.  
 1 " 8/4" Basswood, No. 1 & B, 15% No. 2.  
 5 " 6/4" Beech, No. 1 & B, 20% No. 2.  
 1 " 6/4" Beech, No. 1 & B, 10% No. 2.

3 Cars 5/4" S. Maple, Mill Run.  
 3 " 16/4" H. Maple No. 1 & B.  
 5 " 12/4" H. Maple, No. 1 & B, 10% No. 2.  
 1 " 6/4" H. Maple, No. 2 & 3 Common.  
 15 " 4/4" H. Maple, No. 3 Common.  
 5 " 4/4" Birch, No. 1 & B.  
 5 M. Ft. 6/4" Hickory, Mill Run.  
 5 M. Ft. 4/4" Butternut No. 1 & B.  
 1 Car 5 x 5 Box Hearts.

The

**PEDWELL HARDWOOD LUMBER CO.**

Ft. Spadina Ave., TORONTO

## The Stamp of Approval

has already been placed on the new suite of rooms, tastefully done in Douglas Fir, Western Hemlock, Red Cedar, Western White Pine, Cottonwood and Larch

at 51 Yonge Street,

Architects and home builders are delighted with effects produced with exclusively Canadian woods.

It is an exhibit which should be seen by every progressive lumberman.

**British Columbia Lumber Commissioner**

51 Yonge St.

Toronto

## The Smile of Satisfaction

Know what real satisfaction means by giving McDonagh Lumber a trial. Wholesale Hardwoods (Native and Foreign), Crating Spruce, Pine and Hemlock, Canadian Birch, Basswood and Maple.



Every Shipment Guaranteed

**The McDonagh Lumber Co.**

226 Confederation Life Building, TORONTO

## Planing Mill Stock

**CYPRESS**

Soft, Dry Stock, Finest Grades—

All Thicknesses— 4/4, 5/4, 6/4, 8/4, 10/4, 12/4

**Yellow Pine Finish**

Kiln Dried, Soft, Short Leaf Kind

Stock Widths  $\frac{4}{4}$  by 4", 6", 8", 10", 12"

Also OAK, ASH, POPLAR, GUM

**WISTAR, UNDERHILL & NIXON**

Real Estate Trust Bldg., Philadelphia, Pa.

## Pine, Spruce, Birch, etc.

Always on hand a large quantity Specialty Birch for Export.

Send your enquiry

**ROCH JULIEN**

MORIN BUILDING,

QUEBEC CITY

2,700 Acres of FREEHOLD land for sale

**THOS. N. PHILLIPS**

**Lumber - BRITISH COLUMBIA - Shingles**

*Dealing through me you can depend on:—*

Quick action on your inquiries. Shipment as promised. Grades that please.

Prices that are right.

**Royal Bank Building**

**Toronto, Ont.**



# DRESSED SPRUCE

Spruce **Lath** Jack Pine

## LARKIN LUMBER COMPANY

236 Confederation Life Bldg., Toronto

### AUSTIN & NICHOLSON LIMITED

CHAPLEAU, ONTARIO

Lumber, Lath, Ties, Pulpwood.

Quick Dressing and Matching in Car Lots  
a Specialty.

Mills at DALTON, NICHOLSON, DEVON

### In Transit Now

G.T. Car No. 19498 Dec. 2nd.

14089' 1 x 4" B.B. Steam Dried Yellow Pine.

C. & N.W. Car No. 79574—Nov. 22/22.

1 x 6/12" 8/16' B.B. Steam Dried Yellow Pine.

C. & A. Car No. 17976—Nov. 23/22.

1 x 8, 10, 12" Clear Redwood 5039'.

1 x 24" wide Clear Redwood 1024'.

4 x 4, 5 x 5, 6 x 6" Clear Squares 1061'.

6/4" No. 1 Shop 4152'.

8/4" No. 1 Shop 6241'.

G.T. Car No. 32322 Nov. 29/22.

6/4" No. 1 Shop Redwood 9405'.

8/4" No. 1 Shop Redwood 9002'.

**THE EASTMAN LUMBER COMPANY, LIMITED**  
33 Sun Life Building, Hamilton, Ontario. Phone Regent 162

## TRANSIT

FLOORING, CASING, BASE,  
CEILING, ROUGH CLEARS,  
BOARDS, SHIPLAP,  
DIMENSION,  
SHINGLES,  
TIMBERS.

**R. G. CHESBRO** Bank of Hamilton Bldg.  
TORONTO

## Everything in Lumber

The  
**McLennan Lumber Co., Ltd.**  
Office and Yard: 21 Dorchester Street W., Montreal  
P.O. BOX 1854 PHONE PLATEAU 1300

F. N. Waldie, President.

R. S. Waldie, Vice-President

W. E. Harper, Secretary.

## The Victoria Harbor Lumber Co., Ltd.

Manufacturers of

# Lumber and Lath

Mills at Victoria Harbor, Ont.

HEAD OFFICE,  
12-14 Wellington Street East, TORONTO, ONT.



# BUY BRITISH COLUMBIA Red Cedar Shingles



The life of a British Columbia Red Cedar Shingle Roof can almost be gauged by the life of the nail with which the shingle is nailed in place. Judging from available data, the average life of the ordinary steel wire nail, which has been in such common use, is only from seven to twelve years. Some wire nails will last longer, depending upon the condition of exposure, climate and similar features, but considering our climate as a whole, at the end of from seven to twelve years a large percentage of wire nails will have rusted either completely through or so extensively that the first strong wind will complete the work. The shingles that have been held in position by such nails are then free to work down, permitting rains or melting snows to leak through and damage the interior of the structure. Examination will disclose that the fibre of the shingle itself is still in perfect condition, and a leaky roof, in the majority of occasions is due entirely to the use of faulty nails, but the average home owner, placed at such inconvenience, will not stop to reason this out and the poor wooden shingle comes in for more unjust abuse.

There are several kinds of nails which experience has proven will give lasting satisfaction, and the wise dealer will advise his customers of these satisfactory nails. A pure zinc shingle nail meets all the demands of durability required. Its principal drawback is its high cost and a slight tendency to bend under careless driving. Galvanized wire nails theoretically are rust proof, and if the galvanized coating is properly applied, and of sufficient thickness, such a nail will last as long as the shingle it holds in place. The life of this shingle roof, properly applied with these nails then is from 40 to 50 years. Pure iron nails, or the old cut or wrought nails are ideal but difficult to secure. Copper nails also constitute a perfect shingle nail.

**Timms Phillips & Co., Ltd.**  
Yorkshire Bldg., Vancouver  
Manufacturers and Wholesalers  
**Red Cedar Shingles**  
3x-5x- Perfections, Royals, Imperials  
**Red Cedar Bevel Siding**

**Vancouver Lumber Co., Ltd.**  
Manufacturers  
**XXX-XXXXX CEDAR SHINGLES**  
(B. C. Inspected)  
Head Office, Vancouver, B.C. Eastern Sales Office, Toronto, Ont.

**Westminster Mill Co.**  
LIMITED  
New Westminster, B.C.  
**Red Cedar Shingles**  
**Cedar Bevel Siding**

**Dominion Timber Products Ltd.**  
Vancouver Block  
Vancouver  
Largest Manufacturers of  
**Perfection Shingles**  
in Canada

**Underhill Lumber Co., Ltd.**  
Dominion Bldg., Vancouver  
**RED CEDAR SHINGLES**  
3x-5x- Perfection and Eureka  
**CEDAR BEVEL SIDING**  
**CEDAR BUNGALOW SIDING**

**Shull Lumber & Shingle Co. Limited**  
New Westminster B. C.  
Trade Mark  
**RED BAND SHINGLES**  
XXX XXXXX Stars Clears  
From Mill to You

If you want a market  
for B. C. Red Cedar  
Shingles put an advertisement on this page.

**Northern Pacific Logging Co. Ltd.**  
Port Moody, B.C.  
Manufacturers of  
**High Grade  
Red Cedar Shingles**





## Hardwoods Wanted

Send us in your list of  
lumber and let us get  
together.

**The Kinnon Lumber Company Ltd.**  
454 King Street, West      TORONTO

## JAMES C. McCUAIG & CO.

Lumber, Logs, Telephone,  
Telegraph Poles  
Railway Ties, Pulpwood

Room 302, Jackson Building  
**OTTAWA      ONTARIO**

CABLE ADDRESS:  
"LUMBEROLL"

Codes:  
A B C 5th EDITION  
ZEBRA CODE 3rd EDITION

*The*  
***Rolland***  
***Lumber Co.***  
LIMITED

WHITE PINE AND SPRUCE

Export and Domestic

62 St. James St. Montreal, Canada

## FRASER BRYSON LUMBER CO., Limited

Office : Fraser Building,  
53 Queen Street - OTTAWA, Can.

*Wholesale Lumber Dealers  
and Selling Agents for*

***FRASER & CO.***  
Manufacturers

**White Pine, Red Pine,  
Spruce, Hardwood  
Lumber and Lath**

## R. Imrie Lumber Company

18 Toronto Street, Toronto

Phone Adelaide 580

***Here's What You Want!!!!***

2 x 4—9/10/16 5th & Btr., Spruce and Jack Pine.  
2 x 5 & up—9/10/16—5th & Btr., Spruce and Jack Pine.  
2 x 4—9/10/16—Sound Wormy Spruce and Jack Pine.  
2 x 5 & up—9/10/16—Sound Wormy Spruce and Jack Pine.  
1 x 4 & up 5th & Btr., Spruce and Jack Pine.  
Mill Run White Pine in 2" and 1".  
Mill Run Red Pine in 8 x 8, 3 x 8 and 2" and 1".  
Jack Pine Mills sawing early in December—Can cut to order.

PRICES ON COAST AND MOUNTAIN STOCKS ON REQUEST

## Gregertsen Brothers Co.

McCormick Building  
**Chicago, Ill.**

Yards and Planing Mill at Cairo, Ill. where we  
carry four million feet of high grade Cypress for  
quick shipment.

***We are the Cypress Specialists***



# SCOTT, DRAPER & COMPANY

11 SAULT AU MATELOT STREET, QUEBEC.

## PULPWOOD, LUMBER AND TIES

LET US KNOW YOUR REQUIREMENTS

WRITE, WIRE, OR PHONE

### WILSON BROS.

Wholesale Lumber

WOODSTOCK - ONTARIO

All kinds of Sawn Lumber  
Your enquiries solicited.

We are open to consider offers on cuts of Jack Pine, Spruce, Hemlock and White Pine. Also standing Rock Elm.

### Thompson Heyland Lumber Co.

123 Bay Street - - - - - Toronto

For Sale

Everything in Dry Hemlock Lumber.  
500 M. 1 x 4 x 5 x 6 in choice Merchantable Spruce.

Wanted to buy

2 million feet Spruce, Jack Pine and Hemlock for spring delivery.

10,000 cords of Spruce and Balsam, peeled pulpwood.

10,000 cords peeled poplar.

50 M. Ties in Cedar, Hemlock and Jack Pine.

Will make the necessary advances.



GILLIES BROS., LTD.

BRAESIDE

ONTARIO

WHITE PINE

RED PINE  
SPRUCE

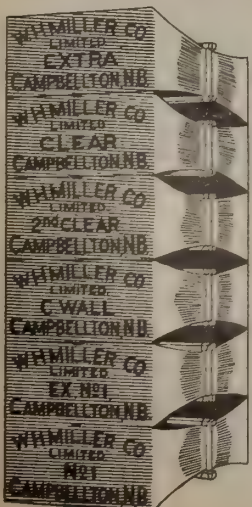
Dry Stock  
Well Sawn  
Prompt Shipment

Mills now sawing  
Spruce and Jack Pine  
also Lath

*Let us have your enquiries.*

Greig - Morris Limited

411 Manning Chambers, Toronto



### Get the Habit

of always keeping a stock of these New Brunswick White Cedar Shingles in your yard. Their quick turnover and generous profit make them a very desirable product for you to handle.

Quick delivery by rail or water. Get our quotations also on Spruce and Pine Lumber, Lath, Cedar Ties, Etc.

W. H. MILLER CO., LTD. Campbellton, N.B.



## MEMBER MILLS

Alberta Lumber Co., Ltd.  
 Dominion Creosoting & Lumber Co., Ltd.  
 Eburne Sawmills Ltd.



## MEMBER MILLS

Ladner Lumber Limited  
 Robertson & Hackett Sawmills, Ltd.  
 Timberland Lumber Co., Ltd.

# Douglas Fir

# Western Hemlock

The combined resources of our Six Mills enable us to give prompt shipment of straight cars, Shed Stock, Mixed Cars, Uppers and Commons, Straight Cars Dimension, Timbers.

## Associated Mills Limited

Vancouver, B. C.

Eastern Representatives: J. T. Todd, E. D. Warner

1305 Bank of Hamilton Bldg., Toronto, Ont.

### ENGELMANN



### WHITE

Daily Capacity  
100,000 Feet

Uniform Grades Guaranteed  
**SPRUCE**

Superior  
Manufacture

LUMBER

(Air Dried)

LATH

Stock 10,000,000 Feet

Mountain Lumber  
Manufacturers

Stock 2,000,000 pieces

We manufacture both Eastern  
and Western Standard up  
to 12 inches wide and  
20 feet long.

or  
Western Pine Grades

Specialties

Shelving, Drop Siding,  
Flooring and Ceiling  
Resawn Boards

*"The Spruce Supply"*

# U. G. G. SAWMILLS LTD.

QUALITY

HUTTON, B.C.

SERVICE



# Thurston-Flavelle, Limited

MANUFACTURERS OF

## British Columbia Red Cedar Exclusively Cedar Bevel Siding, Finish, V-Joint and Mouldings

Our Shingles are all Packed by the 'Thousand'

Straight or mixed cars with XXX and XXXXX Shingles.

Stocks carried at Lindsay, Ont., for quick shipment

Ontario Agents:

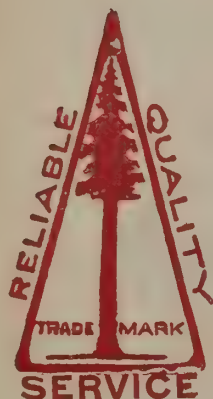
Gull River Lumber Co., Ltd., Lindsay, Ont.

Quebec and Maritime Provinces Agents:

Rose-McLaurin Limited, 2 Toronto St., Toronto.

Full particulars from our Eastern Agents.

**Head Office and Mills, Port Moody, B. C.**



## Our Service Measures up With the Best of 'em

Time and again we have demonstrated to buyers our ability to surpass in quality, in value and in quicker shipments. Ours is a personal service. We try to learn the buyer's **Individual** requirements so as to give him better satisfaction in

## British Columbia Lumber

Long experience has taught us a great deal about the requirements of buyers of Lumber and we will appreciate an opportunity to demonstrate the advantage of this experience to you in dollars and cents.

# APEX LUMBER COMPANY, LTD.

Ontario Representative : J. D. Robinson, 225 Hall Avenue,  
Windsor, Ont.

**Vancouver, B.C.**

# Gloucester Lumber & Trading Co.

Manufacturers of

**Quality**

Well Graded  
and  
Manufactured

## SPRUCE AND PINE LUMBER, LATH SHINGLES AND RAILWAY TIES

**Service**

Prompt  
and  
Reliable

Mills at Bathurst, N.B., Burnsville, N.B.

Head Office:—Bathurst, N.B.



# WHITE PINE

All

Grades and Sizes

30

Million Feet

In Stock

For Immediate Shipment

Stocks at  
Pakesley  
and  
Victoria Harbour

*Write for Quotations*

**SCHROEDER  
MILLS AND TIMBER CO.**

Frank J. Archibald, Sales Representative  
Room 305 Stair Bldg. 123 Bay St., Toronto, Ont.

ESTABLISHED 1898

INCORPORATED 1916

**ROBERT BURY  
& COMPANY**  
(CANADA), LIMITED  
1 Spadina Avenue Toronto

Our Dry Kilns have a capacity for drying 200,000 feet per month. We will dry your transit cars.

All Canadian and American  
Hardwoods  
MAHOGANY  
WALNUT  
VENEERS AND PANELS  
of every description

## *THIS WEEK'S SPECIALS*

100 M' 2", 3" and 4", Clear B.C. Spruce.  
200 M' Mahogany all thicknesses and grades.

## VENEERS

MAHOGANY, OAK, WALNUT, GUM,  
BIRCH, BASSWOOD, ASH, MAPLE, and ELM  
Log run or cut to dimension

## PANELS

BIRCH, BASSWOOD, ASH, MAPLE, ELM, FIR,  
MAHOGANY, WALNUT, OAK and COTTONWOOD

**We Specialize in Mixed Ship-  
ments of Dry Hardwoods,  
Veneers and Panels**

*This is a good time to conserve your cap-  
ital by making purchases in  
this manner*



**With Ontario** White Lumber and Lath  
Red Pine Lumber

**Quebec** Spruce Lumber and Lath

**British Columbia** Fir Timber

Dressed and Rough Clears  
and Common Lumber and Red  
Cedar Shingles

*We are at your service*

## The A. E. GORDON LUMBER CO.

705-6 CONFEDERATION LIFE BUILDING

Phone Adelaide 4281

Toronto, Ont.



**The Spanish River Lumber Co. Limited**  
LUMBER MANUFACTURERS CUTLER, ONTARIO

WHITE PINE,  
NORWAY PINE,  
HEMLOCK

Shipments  
by Rail  
or Water



# British Columbia Lumber

*"Manufactured in Modern Mills"*

Quality Lumber in all Grades and Sizes

Specialites:—

Fir Cross Arms

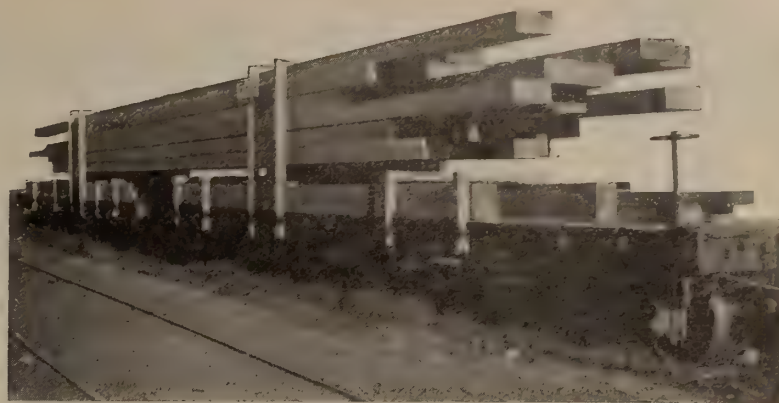
Spruce Box Shooks

Klin Dried Finish & Flooring

Rail Shipments to all parts of Canada  
and United States

## Cameron Lumber Co., Ltd.

Office & Mills - VICTORIA, B. C.



## Let us Serve You!

Long Timbers  
Deep and Heavy Joists  
Special Industrial Items

Rough—any size up to 110' long,  
S4S up to 16x20 x 100'

## Timberland Lumber Co., Limited

New Westminster, B. C.

Mills: South Westminster—Logging Camps: Ladysmith, Vancouver Island.  
Shipments over all railways.



## British Columbia Forest Products

**Fir Western Hemlock Spruce**

With modern equipment and shipping facilities we are in a position to handle your orders in a satisfactory manner. Our stock undergoes careful supervision to ensure **QUALITY LUMBER.**

*Daily Capacity 150,000 ft.*

Eastern Representative: D. M. Allan, 22 Blake St., Stratford, Ont.

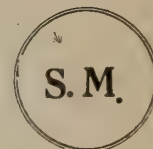
**Canadian Puget Sound Lumber & Timber Co.**  
VICTORIA—B.C.

## Sidney Mills Ltd.

SIDNEY, BRITISH COLUMBIA

Manufacturers of Fir, Hemlock, Cedar  
and Spruce Lumber.

Rail and Cargo Shipments.



TRADE MARK

Selling Agents :

## McElroy Lumber Co., Limited

(G. H. Walton J. Lightbody D. A. Matthew)

Exporters and Shippers  
of

Mixed and Straight Cars of  
all B. C. Forest Products  
VICTORIA, B.C.

Ontario Representatives:

HARRY TURNBULL,  
North Brock St.  
Sarnia, Ont.  
L. D. Phone 205

J. L. NEVISON & C. J. BROOKS,  
7 Adelaide St. W.,  
Toronto, Ont.  
Phone Adel. 7718





# MIXED CARS

We operate our own remanufacturing plant which enables us to offer a *Better Service* on your orders for *British Columbia Lumber* and *Red Cedar Shingles*.

*Underhill*  
LUMBER CO. LTD.

Vancouver, B. C.

Fir Flooring	Hemlock Bevel
Fir Ceiling	Siding and Finish
Rough Clear Fir (Kiln Dried)	Red Cedar
Casing and Base	Bevel Siding and Shingles.
Finish S. 4 S.	



# GARAGE DOORS

*Special*

Made of that good old Canadian Spruce

Wide stiles making heavy, strong frame.  
1 3/4" thick for opening 8'-0" x 8'-0".  
6 lights top of each door—insert sash.  
7/8" beaded spruce ceiling panel.

**\$17.50 Per Pair**

F.O.B. TORONTO

Shipment same day order is received. Our full carload prices will interest you.

**PANNILL DOOR COMPANY LTD.**

Main 623

131 FRONT STREET EAST, - TORONTO



# Anderson, Shreiner & Mawson

ALL KINDS OF HARDWOOD AND SOFTWOOD  
LUMBER

*Specialties*  
BIRCH AND MAPLE  
All Thicknesses

MILLS AT  
KING LAKE and EAGLE LAKE, ONT.

ROOM 411, COLONIAL BLDG.  
13 KING ST. WEST, TORONTO

Write or Wire Us, or Phone Adelaide 8085

## *Canadian Tie and Lumber Co.*

LIMITED

511 Temple Building,  
Toronto, - Ontario

Phone Main 1151.

Cutting Capacity 300,000 Ft. per Day

# McFADDEN & MALLOY

Red & White Pine **LUMBER** In Any Quantities

The above is supplied by us in all standard grades and dimensions. All lumber is of guaranteed quality and grade as ordered. Our location and facilities enable us to give our

patrons the utmost in service and prompt shipments. Let us quote on your requirements. You will find our prices right, and our product satisfactory.

Mills at : - SPRAGGE, ONT. & BLIND RIVER, ONT.



**International Land & Lumber  
Company Limited**  
**LUMBER**  
AND  
**RAILWAY TIES**

Limits and Mills: ST. FELICIEN, LAKE ST. JOHN DISTRICT, QUEBEC

**"Yes, I have it.**

No. 1 Hemlock—Longford Stock.

M. R. Hemlock—No. 1 Spruce at Kearney, Ontario.

Also, nice assorted stock of Pine.

**MILLMEN:—**

We are always in the market to buy cuts of Hemlock, Spruce and Pine."

**ARTHUR N. DUDLEY**

Manufacturer and Wholesaler

108-109 Stair Building,

TORONTO, ONT.

TELEPHONE MAIN 6368



**Fletcher Corporation Limited**  
Sherbrooke, Que.

*Manufacturers, Wholesalers and Exporters  
of the*

**Finest Grades of Hard  
and Softwood Lumber.**

Mills and Timberlands Lowelltown, Me.

*Sole Agents for Europe:*

**W. N. Hillas & Co, Ltd.**  
HULL - - ENGLAND

**TO CANADIAN EXPORTERS:**

Our agents are in daily touch with all the buyers in the United Kingdom. Send us your lists with full particulars. Our agents assume the delecudere risk on buyers.

**Good Will**

—a mighty valuable asset to your business and something that cannot be built up in a few days. It is the result of painstaking efforts to give the customer just a little more than he expects—keeping the quality of your products standard—and backing up every word of your advertisements. In short, it's Service—Real Service—that builds Good Will.

**Dry Hemlock, Spruce and Pine**  
In all dimensions

1920-1921-1922 cut

Ontario and Quebec stock

**TIES AND PILINGS**

Also PINE, SPRUCE and HEMLOCK LATH

*All for immediate shipment.*

**Big Bear Lumber Company**

Telephones Main 651-1218-1219.

Suite 208 Excelsior Life Building, Toronto, Ont.



**TIMBER**Send us your enquiries on

OAK

WANNEY PINE

ELM

BIRCH

**DEALS**

WHITE PINE

BIRCH

RED PINE

SPRUCE

**W. & J. SHARPLES, LIMITED***Established 1818*

Head Office: Union Bank Building, Quebec

Branch: Transportation Building, Montreal

**Spruce Dimensions**Sawn to Order up to 30 ft. Length,  
12 in. Width**Coburn Lumber Co., Ltd.**Hard and Soft Woods—Rough and Finished  
**RIPPLES, N. B.****A. A. BAILEY***Manufacturer of***Spruce, Pine and Hemlock Lumber**Spruce dimensions sawn to order  
up to 12' in width. Any length  
desired.**Ripples, N. B.****LUMBER OF ALL KINDS****SANTERRE**

AND

**PINEAU****Rimouski, Quebec**Manufacturers and Wholesalers of Lumber

Quality Service, and Delivery Guaranteed

**MILLING IN TRANSIT A SPECIALTY****BOOKS FOR SALE***at Special Prices*

Baughman's "Buyer &amp; Seller." The handiest labor-saving book for lumbermen ever devised. Desk size, 300 pages, \$3.50. Pocket edition, 188 pages, \$1.50.

"Climax" tally book, bound in sheep, with hand strips. Size 4¼ x 8½, 110 pages. Price \$2.00.

"Lumber—Its Manufacture and Distribution," by Ralph Clement Bryant. Just published by John Wiley &amp; Sons, 539 pages, 156 figures, Price \$4.50.

"Scribner's Lumber and Log Book," 1921 edition, price 75c.

"Seasoning of Wood," a Treatise of the Natural and Artificial Processes Employed in the preparation of Lumber for Manufacture, with Detailed Explanation of its Uses, Characteristics and Properties, by Joseph Wagner. Published by D. Van Nostrand Company, in 1917, 274 pages, illustrated. Price \$8.00.

"The Kiln Drying of Lumber," a Practical and Theoretical Treatise, by Harry Donald Tiemann, M.E., M.F. Published by J. B. Lippincott Co. 316 pages, illustrated. Price \$5.50.

**Canada Lumberman**347 Adelaide Street West  
**TORONTO****JOHN ABRAMS' SONS, LTD.****Founders - Machinists - Blacksmiths  
SAWDUST BLOWERS LATH MACHINES**

For small Stationary and Portable Saw Mills we manufacture a 32" Sawdust Blower which has given excellent satisfaction to several hundred mill owners.

*Can ship promptly. Write for prices***MONCTON,****N. B.**



## Manufacturers and Wholesalers of Canadian Hardwood and Softwood Lumber

Specializing in Rock Elm, and Oak Ship Timber. Hard Maple, Birch, Soft Elm and Basswood Lumber. We also handle B.C. Fir and Pine in all thicknesses and grades.

To mill men:

We will buy your full cut of Lumber.

Heavy Portable Sawmill with Power and Camp Equipment for sale. Terms arranged.

**HALL BROS., LIMITED** - 300 Crown Office Bldg.  
TORONTO

Write

Phone Main 2806  
Phone

or Wire



"Lumber at first cost"

## A. A. Sutherland Lumber Co. LIMITED Oxford, N.S.

*Specialty made of dimension lumber any length up to 30 ft.*

**SPRUCE HEMLOCK  
HARDWOODS**

**BEECH, MAPLE and BIRCH**

*High quality lumber, liberal grading, conscientious service  
and prompt shipment*

LET US QUOTE ON YOUR LUMBER REQUIREMENTS

## Story Lumber Co., Ltd. Wholesale Lumber Dealers

Pine Spruce Hemlock Hardwood

Head Office: 701-703 Hope Chambers,  
Ottawa, Canada

Branch Office: 30 St. John Street, Montreal, Que.

Cable Address  
'BENLUMCO'

Codes used  
ABC 5th Western Union  
Universal

## Bennett Lumber Co., Limited Manufacturers and Exporters

**Spruce, Pine and Hardwood  
Lumber**

**American Hardwoods & Mahogany**

11 St. Sacramento St. MONTREAL, P.Q.

**EVERYTHING IN  
Lumber, Lath, Shingles, Ties,  
Posts, Sash, Frames, Doors,  
Mouldings, etc.**

*Dressing and matching in Transit*

**The John Carew Lumber Co. Ltd.**  
Lindsay, Ont.

## New Ontario Colonization Co., Ltd.

MANUFACTURERS

**SPRUCE AND JACK PINE**

**Tamarack  
Poplar**

**Rossed Pulpwood  
Lath**

**Sales Office: BUFFALO, N. Y.**  
503 Niagara Life Bldg.

**Mills: JACKSONBORO, ONT.**  
Transcont. Div. Can. Nat. Rys.



# DRY LUMBER

## For Immediate Shipment

*Special outs of good White Pine Sidings*

18,000' — 1x4/6"

15,000' — 1"x7" & up—12/16'

19,000' — 1 1/4"x7" & up—12/16'

28,000' — 1 1/2"x7" & up—12/16'

24,000' — 2"x7" & up—12/16'

*Send us your inquiries.*

For personal service, close prices, and prompt shipment,

WRITE

# J. C. BARTRAM

JACKSON BLDG.,

OTTAWA

President:  
Sir William Price

Established  
1882

Vice-Pres. and Gen'l Manager  
Alfred S. Gravel

# SPRUCE

and

# Hardwood

If its good **Quebec Spruce** you want we have it ready for prompt shipment.

Mail us your inquiries.

We also specialize in **Hardwood Flooring**.

## The Gravel Lumber Co., Ltd.

MANUFACTURERS and WHOLESALERS

Mills and Head Office

Etchemin Bridge,  
Quebec

Selling Office:

Room 501 Drummond Bldg.,  
Montreal



## We Want to Buy

# WINTER CUT

## HEMLOCK

## Jack Pine

## Spruce

## LINTON LUMBER COMPANY

306 Kent Building - Toronto

Phone: Adelaide 3607

## Dry White Pine

At Ottawa, 1921 Cut

175,000 ft. 1 x 4 Mill Run White Pine.

35,000 " 1 x 5 " " " "

90,000 " 1 x 6 " " " "

30,000 " 1 x 8 " " " "

15,000 " 1 x 10 " " " "

15,000 " 1 x 12 " " " "

200,000 " 1 x 8/up No. 1 White Pine Culls.

At Gogama, 1922 Cut

50,000 ft. 2 x 6 Mill Run White Pine.

200,000 " 2 x 8 " " " "

250,000 " 2 x 10 " " " "

250,000 " 2 x 12 " " " "

## The Long Lumber Company

TORONTO OFFICE: - - - HEAD OFFICE:  
25 Toronto Street - - - Hamilton, Ont.



# Mason, Gordon & Co., Limited

80 St. Francois Xavier St.

(Wholesale Only)

Montreal, Que.

British Columbia Products

White Pine and Quebec Spruce, Fir Doors

(Carload Lots)

Vancouver Office:

Pacific Building

Hubert C. Gordon

Representative

Exclusive Representatives

Quebec and Maritime Provinces

B.C. Mills, Timber & Trading Co.

Vancouver, B. C.

**MK**

**LUMBER**

**MK**

**L  
A  
T  
H**

**MUIR & KIRKPATRICK**

1325-6-7-8 BANK OF HAMILTON BLDG.

TORONTO, CANADA

MANUFACTURERS AND WHOLESALERS

**L  
A  
T  
H**

**MK**

**LUMBER**

**MK**

**BALED SHAVINGS**

CAR LOTS

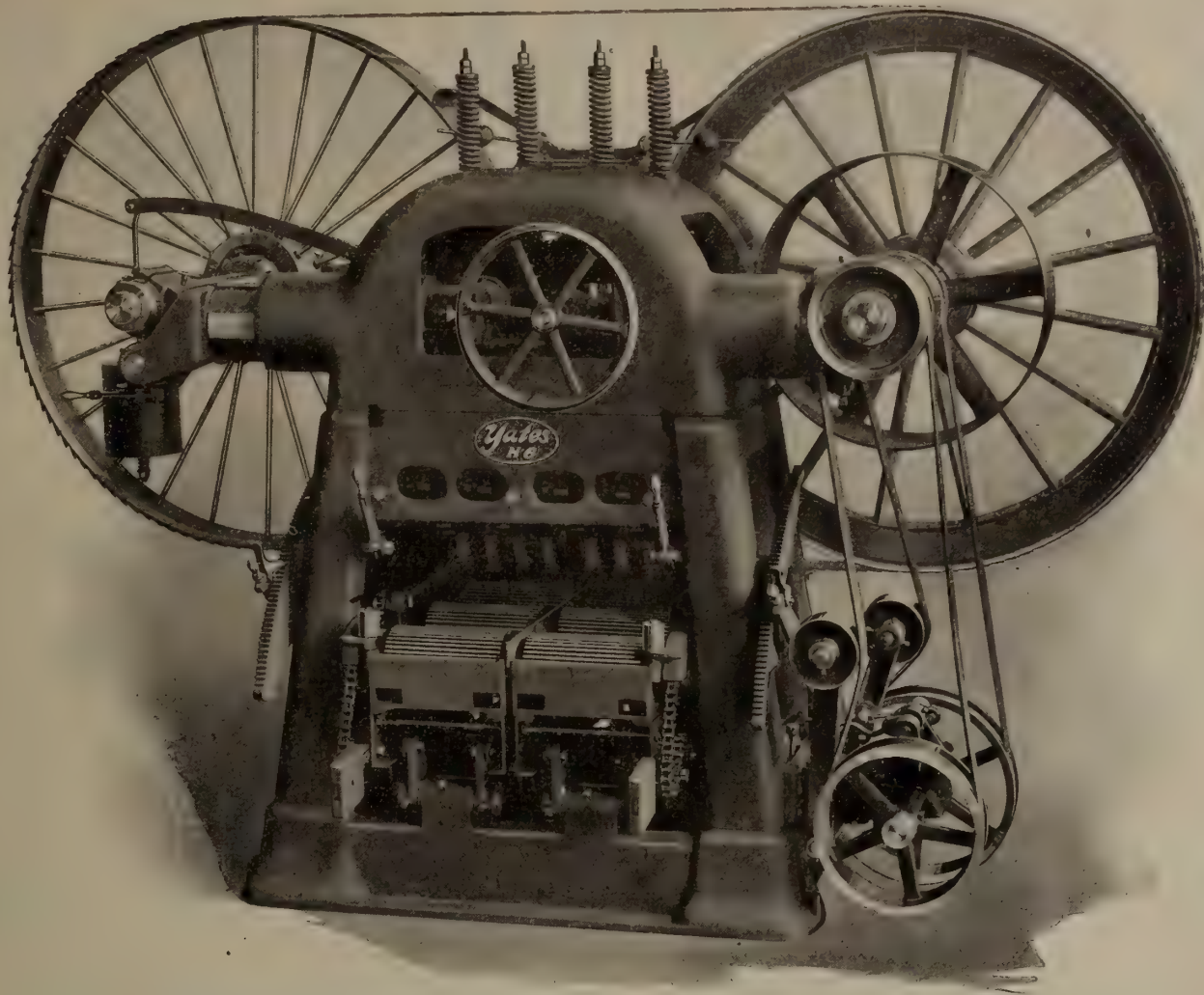
**W. C. EDWARDS & Co., Limited**

OTTAWA

:-

CANADA





# A Heavy Capacity Resaw

Yates Type H6 Horizontal Resaw is the world's finest machine for resawing slabs and flitches at high feed rates. It is well fitted for resawing small split logs into fine accurately cut lumber.

Construction of the Yates H6 is most rigid, and includes every feature which aids in permitting the machine to produce such exceptionally fine work at lowest costs. It is the most simple operating resaw on the market.

A complete illustrated description of this machine will be sent you upon request.

***P. B. Yates Machine Co. Ltd.***

Hamilton - Ontario

Eastern Sales Office  
263 St. James St. Montreal, Que.

WORLD'S LARGEST MANUFACTURERS OF WOODWORKING MACHINERY

# YATES



# SIMONDS

## MANUFACTURING COMPANY'S PLANER KNIVES



ESTABLISHED  
1832

Will cut two or three times as long on hardwood or hard work. The Simonds Welded High Speed Steel Knife is a new knife. Made by a new process and successful in every respect. It has a cutting edge of High Speed Steel Welded to a soft backing. When we say "Welded" we mean just that—not brazed as has heretofore been the method in making Carbon Steel Knives. This knife promises to be a big money and time saver for knife users. There is no change in machines required to run this knife. Simonds High Speed Steel Knife will last from three to five times longer than the ordinary Carbon Steel Thick Knife.

*Investigate this knife. Write today*

### Simonds Canada Saw Co., Ltd.

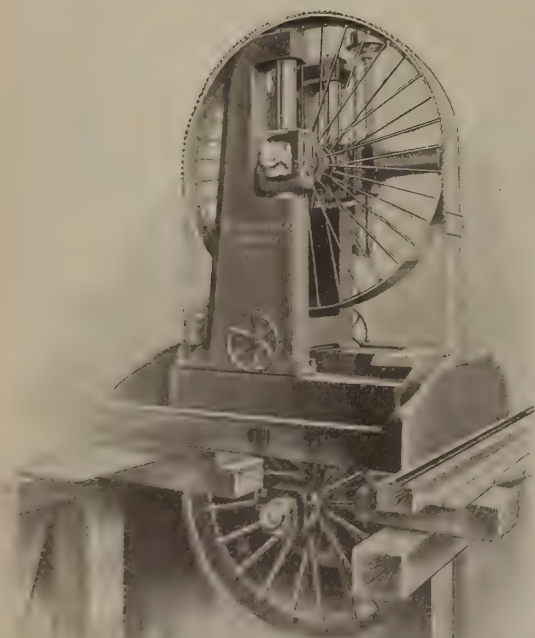
St. John, N.B.

MONTREAL, QUE.

Vancouver, B.C.

# The Clark-Pacific Type Band Mill

## Let this Picture tell the Story!



To the progressive Saw Mill operator this picture of the Clark Heavy Duty Pacific Type Band Mill speaks volumes for productive efficiency. The massive design, the obvious power convenience, and many exclusive features are strikingly apart. NOTE the great depth of Base, the quick opening lower guide buried in Husk, the stability of the columns; non-overhanging base, safety upper guide, wheels tilt from front or rear, tension the most sensitive and best chain or collar oiling water jacketed interchangeable boxes. No vibration, simplicity and accessibility, extra large hubs. The heaviest Band Mill built, holds all cutting records. Built in sizes of 6 to 11 ft. Once you know a "Clark" Band Mill you won't be satisfied until you own one. Catalogue will be mailed on request.

## CLARK BROS. CO.

Complete Sawmill Engineers and Builders

OLEAN, NEW YORK



Pioneer and Leader  
in the Industry

## Canada Lumberman

founded 1880

Recognized Authority  
for Forty Years

Vol. 43

Toronto, January 15, 1923

No. 2

## The Effect of Growth Rate on Strength of Softwoods

By

J. D. Hale and M. J. Brophy

Dominion Forestry Branch

Forest Products Laboratories of Canada,  
Montreal

Everyone, who has used an axe, knows the layered structure of wood. From the beginning of its life as a seedling until its vital activity ceases, a tree increases the girth of its trunk, branches and roots every year by covering its previously-formed wood with a new layer. In the wood of Canadian trees, the successive layers are distinctly visible on a transversely-cut log as a series of concentric rings. As each ring represents the amount of wood added during a year's growth the layers are commonly termed "annual rings." (See Fig. 1).

Wood is composed of cells which are chiefly fibres. The fibres vary in length from about one millimetre to six or even eight millimetres. This length may be from twenty-five to one hundred and fifty times the diameter of the fibres. Wood-fibres are hollow tube-like structures with ends which are closed and more or less blunt. Packed close together with their long axes parallel to the axis of the trunk or branch whose wood they compose, the fibres and other wood-cells, by the combination of their own properties, determine the properties of wood.

If wood-cells were all of uniform dimension, wood-structure would appear homogeneous and the different annual layers would not be distinguished from each other. The seasonal changes in northern latitudes, however, exert a marked effect upon the cell growth, an effect manifested by a decrease in size of those wood-cells which are formed near the latter half of the growing season.

In the Springtime growth is fast and the fibres which are formed at this time have a large diameter, but, as has been noted, the fibres formed later in the season (during the summer) are of small-



Fig. 1—Cross-section of balsam fir log

er diameter and have thicker walls. The wood formed in summer being composed of thick-walled fibres with comparatively small cavities, is denser and harder than the wood formed at the beginning of the growth period. As during the winter the tree is dormant and no additional growth takes place the successive annual layers are sharply defined by the contrast in texture and color of hard summerwood of a previous ring which abuts the softer springwood of the subsequent year's growth.

### Rate of Growth Shown By Width of Annual Rings

Only softwoods will be discussed in this paper. Softwoods form the bulk of Canadian forests and include all the needle-leaved trees, usually spoken of as "evergreens" or conifers. Their structure is simpler than that of hardwoods and for this reason they are best discussed separately. The annual rings of this group are often more strikingly divided into springwood and summerwood than is the case with hardwoods and, therefore, the softwoods offer more favorable material for studies in growth-rate.

It is obvious that a tree, which continually forms wide annual rings, will increase its volume more rapidly than one which adds only narrow layers. Wood with wide rings is therefore spoken of as fast-growth material and that with narrow rings is said to be slow growing. Fig. 2 shows samples taken from Douglas fir timbers having different rates of growth. The end section of the 1½ inch board, which was taken from the centre of a tree, shows fast growth while the section of a 3 inch by 3 inch tie shows narrower annual rings denoting much slower growth. The summerwood shows clearly in both as dark bands defining each annual layer. The scale, which reads in inches, gives some idea of the actual proportions.

It is commonly believed that slow-growth softwoods are strongest and for certain purposes specifications require that there shall be not less than six rings per inch. The illustration (Fig. 2,) will serve to show that there is not only a greater number of bands of summerwood per inch in the slow growth specimen but also that the total amount of summerwood (usually expressed as per cent. of total wood) is greater in the slowly grown than in the fast grown wood.

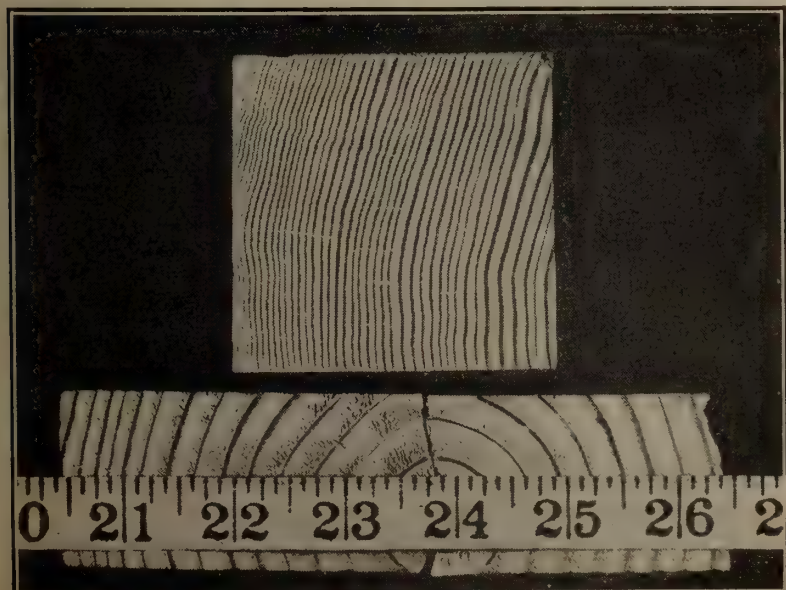


Fig. 2—Douglas fir with different rates of growth



Fig. 3 shows photographs at a magnification of 25 diameters of thin transverse sections of Douglas fir with various growth-rates. The section with wide rings shows a relatively smaller amount of summerwood than the section with rings of medium width. The wood of medium growth, as well as possessing more numerous bands

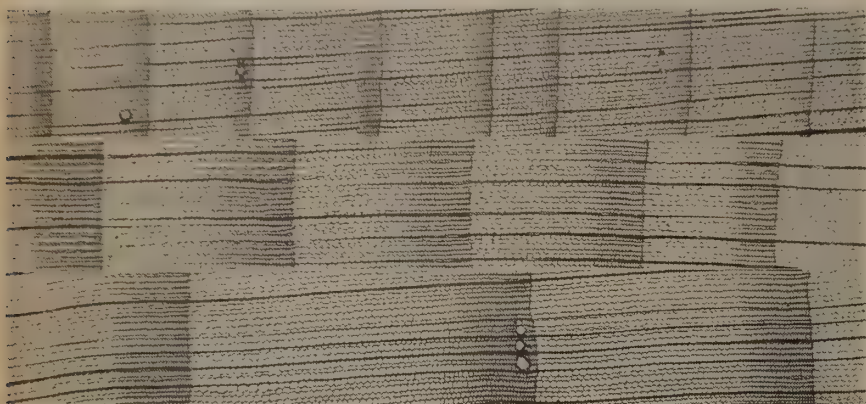


Fig. 3—Transverse sections of Douglas fir (magnified) slow, medium and fast growth

of summerwood, has a greater per cent. of its area occupied by summerwood than the fast-growth section. The section with narrowest rings however, although its summerwood bands are the most numerous of the three, has the least total area of summerwood.

It is a general rule for those softwoods which possess heavy summerwood that fast-growth timber has only a small per cent. of summerwood, medium-growth timber the maximum amount and very slow growing timber an amount which is less than the maximum achieved by medium growth.

#### Summerwood Gives Strength to Timber

The importance of summerwood in softwoods may be better appreciated if it is realised that the bands of thick-walled fibres add much more weight and strength to the timber than the relatively thin-walled fibres of the springwood. Fig. 4 demonstrates the effect of summerwood-content upon the weight of the timber. The specific gravity of a shipment of representative Douglas fir (*Pseudotsuga*

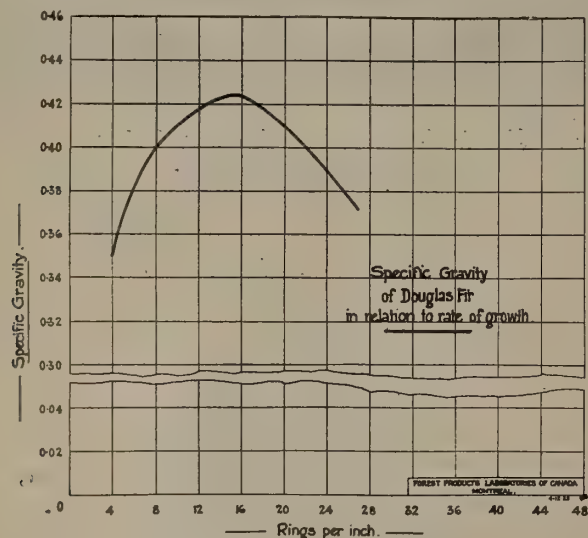


Fig. 4—Relation of specific gravity to rate of growth in Douglas fir

mucronata) from the Pacific Coast is plotted graphically against the growth-rate (rings per inch).

The curve shows what the photographs demonstrated, namely, that Douglas fir of medium growth-rate, with the greatest proportion of summerwood, is heaviest; and that extremely fast or slow-growth timber, having less summerwood, is consequently lighter. The tests whose results are embodied in these curves, were made by the Division of Timber Tests at the Forest Products Laboratories of Canada, Montreal, in the course of their work of testing Canadian timbers.

It has long been recognized that the strength of wood is approximately proportional to its weight. Fig. 5 shows another curve for Douglas fir with "maximum crushing strength" substituted for "specific gravity." The strength curve for Douglas fir here follows the same proportional variations as the specific gravity curve. Both curves have their maximum at the same rate of growth.

Besides the curve for Douglas fir there are others for red pine and spruce respectively. These curves are from the results of tests on eastern species, red or Norway pine, white spruce, red spruce and black spruce. The specific gravity curves for pine and spruce have been omitted, but they correspond to the curve for strength just

as in the case of Douglas fir. The figures of maximum crushing strength are for compression parallel to the grain and read in pounds per square inch.

#### Anatomy of Spruce and Fir

In connection with these curves it will be well to consider the anatomy of spruce in comparison with that of Douglas fir. Fig. 6 shows transverse ends of spruce and Douglas fir timbers. The general appearance of the two woods shows clearly that the summerwood of spruce is much less strongly marked than is the case in

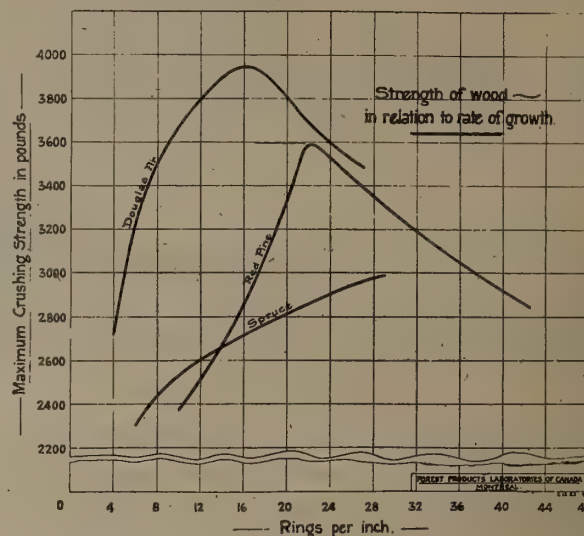


Fig. 5—Relation of the strength of wood to rate of growth

Douglas fir whose broad bands of summerwood sharply accentuate the annual rings.

In Fig. 7 are represented three transverse sections of spruce magnified 25 diameters, demonstrating fast, medium and slow-growth. The fast-growth section has least summerwood, the medium-growth specimen has more and the slow-growth piece has most of all. The condition is in keeping with the strength-curve for spruce which increases somewhat with decreasing growth-rate as far as the curve has been plotted.

The general rule can be stated that softwoods with broad bands of summerwood, whose transition from springwood is abrupt, have an optimum growth-rate for the production of strong timber which is faster than the optimum rate for softwoods whose summerwood is inconspicuous. The point on the curve for spruce at which the maximum crushing strength would decline, has not been reached. Red pine however, a species whose summerwood content is intermediate between spruce and Douglas fir, has its greatest maximum

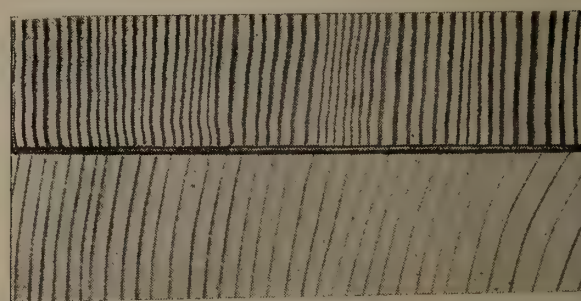


Fig. 6—End grain of spruce (upper) and Douglas fir (lower)

crushing strength at a rate of growth intermediate between the optimum for Douglas fir and the optimum rate for spruce just as would be expected in accordance with the general rule.

#### Summary of Interesting Investigation

The results of investigating the structure and mechanical properties of wood at the Forest Products Laboratories of Canada indicate that the growth-rate has a very great effect on the physical properties of timber. It is probable that differences in weight of wood from various parts of the tree are due chiefly to differences in growth-rate. From the discussion of rate of growth in softwoods we may draw the following conclusions:—

- (1) The strength of timber is approximately proportional to its density.
- (2) The density of timber (and therefore its strength) depends, to a great extent, upon the rate of growth of the tree which produces it.
- (3) There is an optimum growth-rate for the production of the best quality.

(Continued on page 52)



# Montreal is Ready for Canadian Lumbermen

*Big Gathering on January 24th and 25th Will Hear Timely and Practical Addresses on Many Matters—Splendid Programme of Entertainment Provided—Metropolis Will Extend Cordial Welcome*

Every preparation has been completed for the fifteenth annual meeting of the Canadian Lumbermen's Association which will be held at the Mount Royal Hotel, Montreal, on Wednesday and Thursday, January 24th and 25th. Secretary Hawkins, of Ottawa, says that the delegates are coming from far and near. There will be an unusually large representation from across the border. The management of the hotel has made every preparation for the comfort and convenience of the visiting lumbermen and their wives and the forthcoming assembly will stand out as the most signally successful and beneficial in the history of the organization.

Several new features are to be embodied. One is that more time will be given up to a discussion of prospects during the coming year, production, export situation, manufacturing costs, inspection, transportation, etc.

The ladies will be entertained to a theatre party and a tobogganing party, as well as a drive around the mountain. The banquet of course, will take place on the second day of the convention, Thursday, January, 25th. The speakers on that occasion will be the Hon. Walter Mitchell, K.C., M.P., former Provincial Treasurer of Quebec, and Mr. Gordon Laing, Dean of the Faculty of Arts, McGill University.

The Montreal wholesalers are also seeing that nothing is left in the matter of entertaining the visiting lumbermen and, the well-known hospitality of the Canadian metropolis will be maintained. Competent committees are at work completing all arrangements for the convention and details are being rapidly rounded into shape.

E. H. Lemay is chairman of the General Committee; J. S. Bock of the Finance Committee; J. G. Shearer of the Entertainment Committee; G. C. Goodfellow of the Dance Committee; C. Villiers of the Luncheon Committee. The members of the Ladies Committee are,—Mesdames J. B. White, D. H. McLennan, Arthur H. Campbell, A. E. Grier, J. G. Shearer and C. Villiers.

The several retiring directors this year are,—G. E. Spragge, Toronto, W. J. Bell, Sudbury, Duncan McLaren, Toronto, Sir Wm. Price, Quebec, Arthur H. Campbell, Montreal, W. B. Snowball, Chatham, N. B., and Rufus E. Dickie, Stewiacke, N. S. All of these are eligible for re-election and it is believed that the majority of them will be again chosen to serve another three years on the Board.

Regarding the next place of meeting, it is said that it will probably be in Quebec City or, possibly, St. John.

Everything points to the fact that the 1923 convention of the Canadian Lumbermen's Association will be a pleasant, profitable and entertaining occasion, and all lumbermen, who possibly can, should make a point to be in attendance and bring along their wives and daughters. There will be ample time for sightseeing, ample time for discussion, ample time for visits with friends and ample time to learn how the other fellow is getting along and for renewing associations and meeting other members of the trade from Coast to Coast. The time and place are at this great national gathering of representative lumbermen in Montreal on January 24 and 25. There you will greet and meet the men who are doing so much in a manufacturing and wholesale way to place Canada's pioneer industry on the map.

## Some Topics and The Speakers

Among the new features incorporated this year will be, as already stated, a discussion on trade prospects, production, shipments, lumber manufacture, the manner in which stocks are cut, do they meet the requirements of purchasers? etc. All these phases will be dealt with by different groups in open convention.

A. C. Manbert, of the Canadian General Lumber Co., Toronto, will lead in a discussion on white pine, in which it is expected that Ed. Letherby, of Chew Bros., Midland, and others will take part.

The spruce market and outlook will be presented in interesting talks by Angus McLean, of the Bathurst Company, Bathurst, Sir Wm. Price, of Price Bros. & Co., Quebec and Archibald Fraser, of the Fraser Companies, Limited, Edmundston, N. B.

The export situation will be dealt with by W. Gerard Power, of Quebec, past president of the C.L.A., and W. E. Golding of George McKean & Co., St. John, N.B.

The hardwood market, together with some comment on why Canada is not more widely known across the border, as a hardwood-producing country, will be dealt with by A. E. Clark, of Toronto president of the Canadian Lumbermen's Association, and J. J. Linehan, of Mowbray-Robinson & Co., Cincinnati, Ohio.

Another feature of the convention will be the discussion of insurance in all its relations on lumber products. This will be led by G. D. Finlayson, of Ottawa, superintendent of Insurance for Canada, and taken part in by W. E. Bigwood, of Toronto, past president of the C.L.A., and W. B. Snowball, of J. B. Snowball Co., Chatham, N.B.

Another departure will be the showing of several lantern slides illustrating the work, scope and progress of aircraft in the matter



The new Mount Royal Hotel, Montreal, headquarters of C.L.A. convention

of fire protection service and forest surveys. The showing of the pictures will be under the direction of J. A. Wilson, of Ottawa, secretary of the Dominion Air Board, which is seeking closer relation with the various Provincial Governments and the lumbermen of the province in the use of aircraft, the federal authorities supplying the men and the machines for the work. It is hoped that the appreciation and knowledge of what is being done in this direction will be considerably increased as a result of the pictures shown, as aviation possesses great possibilities of expansion in the lumber arena.

By the time this article is in print, the arrangements by the Montreal committees for entertaining the delegates to the convention of the Canadian Lumbermen's Association will be practically complete. This has involved a lot of work by Messrs. J. B. White and G. W. Grier, and the committee with A. Fenton as local secretary. There has been a ready response to the call for the necessary ways and means, and Mr. J. S. Bock, the chairman of the Finance Committee states that there will be sufficient to carry out the programmes of the various Committees.

A meeting of the committees was held on January 3, at the Mount Royal Hotel, presided over by Mr. J. B. White. Messrs. J. S. Bock, G. Goodfellow, J. Shearer, and C. Villiers, reported on the activities of the Finance, Entertainment, Luncheon, and Dance Committees. Messrs. G. M. Strong and Albert J. Smith have been added to the Entertainment Committee.



# What Canadian Lumbermen will Say and Do at the Montreal Gathering

Tuesday January 23rd

Meeting of Directors at Mount Royal Hotel.

Wednesday January 24th

- 10 A.M. Address of welcome by His Worship Mederic Martin, Mayor of Montreal. Presentation of President's report, secretary's report and reports of general committees.
- 1 P.M. Men's Luncheon, address by Hon. Honore Mercier, Minister of Lands and Forests, Province of Quebec.
- 2.30 P.M. Business session. Full discussion of the general situation on the subjects of: White Pine, Spruce, Hardwood and Export, led by various exporters in the different subjects. Ballots for the election of seven directors to be returned not later than 5 P.M.

Thursday January 25th

- 10 A.M. G. D. Finlayson, of Ottawa, Superintendent of Insurance for Canada will give an address on the important subject of insurance. W. E. Bigwood, of Toronto, and W. B. Snowball, of Chatham, N. B., will lead in the discussion. Address by J. A. Wilson, of Ottawa secretary of the Air Board, with moving pictures showing the value of the Air Service in forestry work.

The big idea of the gathering is that instead of having a lot of papers by various experts, time has been provided for full and thorough discussion of real live subjects by members of the Association on the floor of the convention hall. It devolves upon every individual, therefore, to come prepared to take part in the discussion of one or more subjects. This convention is to be one for the members. The newly appointed directors will be announced at the afternoon session on Thurs-

day January 25th. After the close of the convention there will be a meeting of the new directors for the purpose of electing officers for the ensuing year.

730 Thursday January 25th.—Annual Banquet. Dr. Gordon Laing, M.A., Ph.D., Dean of Faculty of Arts, McGill University and the Hon. Walter G. Mitchell, K.C.M.P., will speak to the members and friends.

## The Programme of Entertainment

The Montreal lumbermen are entertaining visitors and friends as follows:

Wednesday morning Jan. 24th.—

Reception by local ladies.

Sleighs at disposal of ladies to do their shopping, accompanied by local ladies.

Wednesday 1.00 P.M.—Luncheon at Mount Royal Hotel.

Wednesday afternoon Jan. 24th.

Theatre party at His Majesty's, George Arliss in the "Green Goddess." Meet at some place arranged later for tea. Sleighs provided to and from His Majesty's.

Thursday morning Jan. 25th.

To be left free. Sleighs in attendance for any ladies caring to use them.

Thursday Afternoon—2.30 o'clock.

Tobogganing party or drive to mountain for those not interested in tobogganing. Tea at Park Slide. Gentlemen will proceed to Slide after adjournment of meeting if they care to do so.

All those intending to take advantage of any of the foregoing events will please notify secretary Hawkins as soon as possible, so that final arrangements can be made.

Ladies and gentlemen taking in the tobogganing Party should dress warmly, wearing fur caps, woollen toques or tams and warm mittens. Don't get your feet frozen.

It was decided to print 600 tickets for the supper dance; each subscriber to the funds will be entitled to tickets for three couples, including the double ticket for himself.

The chairman emphasized the point that each subscriber was entitled to tickets for the social events of the convention, and could apply for tickets for the banquet, which, however, have to be separately paid for. A subscription to the fund did not confer the right to attend the meetings of the association; the attendance was limited to members of the Association.

It was agreed that the luncheons for the ladies and for the delegates should both be held on January 24. The Entertainment Committee will provide entertainments for those events.

Mr. E. H. Lemay was asked to invite the Hon. H. Mercier, Provincial Minister of Lands and Forests, to speak at the delegates' luncheon, and to request the Mayor of Montreal to receive the delegates on the morning of the 24th.

## Montreal Lumber Retailers are Organizing

The Montreal Retail Lumber Association is making headway. The details of organization are not yet quite complete, but they are advanced sufficiently to show that a strong body is assured. Already a considerable amount of work has been done. Three meetings have been held, the attendance showing increases at each meeting.

A meeting was held on December 27 at Freeman's Hotel, at which most of the principal retail firms were represented, Mr. J. P. Dupuis presided, and remarked that the large attendance was an indication of the necessity and growing interest in the association. One of their objects was to promote a better understanding between the retailers—to get better acquainted. It was also proposed to establish a credit bureau, in order to protect themselves in the matter of bad debts.

Messrs. Dupuis, Halliday, Thomson, Bonneau, Bordeau and Lebel were appointed a committee to report on the question of the secretaryship of the Association.

The greater part of the evening was devoted to a conference between Messrs. Frank Kent and G. K. Tyler, of the Seaman, Kent Company, Limited, and the members relative to the sales policy of the Company which has recently been modified. Messrs. Kent and Tyler explained the position of the Company and what was proposed to be done. Mr. Dupuis, on behalf of the Association, made certain proposals as to the company's policy. These were discussed at considerable length, and it was mutually agreed that the company should consider these suggestions and give an answer at the next meeting. The discussion was of the most cordial character.

Mr. Kent mentioned that additions were being made to the company's factory at St. Agathe and that a new power plant had been installed, Mr. Tyler, he added, had just been appointed manager of the Montreal branch.

Mr. Dupuis stated that it was proposed to hold meetings every fortnight, and to discuss questions of live interest at each meeting. The subject at the next session would be the relations between the wholesalers and retailers, particularly in connection with sales to certain buyers. It was also proposed to ask a representative of the Quebec Retailers' Association to address the meeting.

At the invitation of the Chairman, Mr. F. H. Devenish, secretary of the Montreal Wholesale Lumber Dealers' Association, made a brief speech. He referred to the value of a trade association in promoting a spirit of goodwill and co-operation and the benefits which resulted from the wholesalers' and retailers' associations getting together in order to discuss amicably any questions of mutual interest.

The Chairman desired Mr. Devenish to convey to his Association the best wishes of the retailers for the success of the Wholesalers' Association.



# Every Lumber Retailer is "Hiking to Windsor"

## Programme Completed for Most Representative Convention Ever Held—Full Outline of Proceedings—Hon. Pres. Reid Sends Encouraging Message

Everything has been practically completed for the fifth great annual gathering of the retailers of Ontario which will be held at the Prince Edward Hotel, Windsor, on Wednesday, Thursday and Friday, January 24th, 25th and 26th. The assembly this year will be the most representative in the history of the Association and it is expected there will be a gratifying attendance from all parts of the province. Last year the meeting was held in the Chateau Laurier, Ottawa, E. M. Barrett being the president of the Association, and there was a particularly large representation from Western Ontario. This year it is expected the men from the East will return the compliment and travel in battalions to Windsor where "Jim" Scofield, the present head of the O.R.L.D.A., says that everything will be in excellent shape for the entertainment and comfort of the retail yardmen and their wives.

There are many innovations this year that have not been characteristic of other conclaves. One is that the session will last for three days,—Wednesday, Thursday and Friday, January, 24th, 25th and 26th, which will give more time for discussion and also for pleasure. There will be ample opportunity for visiting the neighboring city of Detroit and taking in the shops, theatres and other attractions of that busy, teeming centre.

Special entertainment will be provided for the ladies who will also be present at the annual banquet and dinner-dance in the evening of Thursday January 25th. There will be no long set speeches on this occasion but Douglas Malloch, of Chicago, the lumberman poet, and Jack Miner, of Kingsville, Ont., the well-known birdman, will enliven the proceedings with their wit and wisdom.

### Some Who Will Lead Discussions

Another outstanding feature is that there will not be any set papers of a fixed, formal stereotyped character, but discussions which will be taken part in by leading retailers in various towns of the province. It is expected there will be a number of visitors from the Michigan Association. Among those who will lead in the topics will be F. B. VanDusen, of Brockville, who will talk on "trade ethics among retailers," C. L. Bowes, of Chicago who will speak on "the building plan service of the Association," S. Herath, of Ojibway, will lead the talk on "financing dwelling construction," and M. R. Bogart, of the S. Hadley Lumber Co., Chatham, will have something interesting to say on "stopping big leaks in the retail lumber business."

Robert Bennie, of the Ludlam-Ainslie Lumber Co., Leamington, will give his views on the all-important question of "apprentices in planing mills." K. J. Shirton, of Dunnville, will speak on a "shippers' rating bureau," and J. C. Scofield, of Windsor, president of the O.R.L.D.A. on an "Association trade mark."

W. M. Tupling, of Orillia, will lead off in the consideration of "standard sizes and grades for lumber," and A. R. Sanders, of Sanders & Bell, St. Thomas, will be responsible for a talk on the "relations between wholesaler, retailer and contractor." George H. Arnott, of the Windsor Lumber Co., Windsor, will tell something about "accident prevention in plants," and Clarence DeFields, who is the fire chief of Windsor, and has devoted special attention to organizing fire-fighting units in industrial establishments, will give his ideas on how this can be effectively done in planing mills and other wood-working plants.

Then besides the regular reports from the officers and committees, such as Membership Arbitration, Legislation and Transportation, Insurance and Compensation, there will be the election of officers, presentation of resolutions, and mid-summer outing for 1923, and many other items of interest which will make an agenda that will be profitable, pleasant and not unduly prolonged.

### Spend Three Days in Windsor

Every retailer of Ontario, whether a member of the Association, or not, is invited to attend the fifth annual meeting of the O.R.L.D.A. at the Prince Edward Hotel, Windsor, on Wednesday, Thursday and Friday, January 24th, 25th and 26th. He will be made welcome and will learn something about his calling, trade conditions, service, operation, management, cost-accounting, etc., that will pay him many times the small outlay he will be put to in taking the trip. Three days spent at Windsor during the fourth week of January

will be an investment that will repay in both time and money any lumber merchant in the province of Ontario.

A most interesting business show will be held in connection with the fifth annual gathering of the Ontario Retail Lumber Dealers' Association in Windsor on January 24, 25 and 26. The display booths will be on the mezzanine floor near the convention hall, and those who have taken space are the Beaver Company, Thorold; Satin Finish Hardwood Flooring Co., Toronto; Laidlaw-Belton Lumber Co., Sarnia; Seaman, Kent Co., Toronto; British Columbia Lumber Commissioner, Toronto; Creosoted Products Co., Toronto; Bird & Son, Hamilton; Laminated Materials, New Westminster, B. C., and the Plan Book Department of the Ontario Retail Lumber Dealers' Association. It is expected that other spaces will be taken before the convention dates.

### Mr. Reid Sends Stirring Message

The following cheerful and stimulating message from John B. Reid, of Toronto, Honorary President of the Ontario Retail Lumber Dealers' Association, to the members from all over the province who will assemble in annual convention at the Prince Edward Hotel, Windsor, on Wednesday, Thursday and Friday, January 24, 25 and 26, will be read with timely interest. Mr. Reid is spending several months at his winter home in St. Petersburg, Florida.

#### Motto For 1923

"Workers Don't Kick,  
Kickers Don't Work"

To the officers and members of the Ontario Retail Lumber Dealers' Association,—I wish to extend to you a happy and prosperous New Year, and also an urgent call to your convention at Windsor on Wednesday, Thursday and Friday, January 24, 25 and 26.

You will agree with me that your officers and committees have done wonderful work in the last year and deserve all the backing and upholding of their hands that you can give them—You are all aware that the good to be done by our Association can only be accomplished by the whole-hearted co-operation of each and every member. You have the best of officers and they have all worked hard for all our welfare.

Don't let a trifle keep you from getting to Windsor on the day appointed—and when there—wake up and have something to say and do something to keep the flag flying high for the O.R.D.L.A. Every member can do something—so don't be afraid to speak up.

There are lots of good things in store for us. Don't forget for one moment that our business is one of the most dignified and useful and that the part we play in the uplift and welfare of the community in which we live and do business, is second to none.

In building up the nation as a whole—it is my own experience of some forty odd years, that I have found no body of men, more honorable, or more intelligent than those among the retail lumbermen. I am glad to know that in the last few years the rest of our members have come to the same conclusion.

Now my position as Honorary President among your officers does not permit of me taking the active interest that I had been able to do heretofore, but at that, away down here in Florida, at land's end, with all the good time I am having, I don't forget what we have worked up to and the necessity of still working hard, to keep the high position we have reached in the lumber world. We have had the honor of starting things in the right direction. Let us all work hard to keep them there and always go one better.

I will never forget the address made by a prominent



dealer at Windsor, at the first banquet given by the Western Section, where he stated that by co-operation he was able to spend his winters in Florida, without the slightest thought of trouble while he was away, owing to the good that he and the rest of the dealers had derived from their Association.

I find there is no co-operation among the dealers down



John B. Reid, Toronto,  
Hon. President of O.R.L.D.A.

here in St. Petersburg, Florida. They are about in the same position we in Ontario were five or six years ago, kicking about price-cutting and bad debts. I dare not say anything about association work or credit bureau to any of the dealers here as I don't want any organizer's job. It would in-

terfere with my pleasure which I would not have happen for worlds.

I expect several of our members to get here after the New Year, and year after year there will be more following my advice not to wait until they have to come from over-work, but get here while they have their health and strength to enjoy some of their wealth, that they have stored up, as we all worked hard enough for.

So all get the habit and become busy and enjoy some of life before it is too late. There is always a welcome for good fellows down here and I know they are the only kind in our Association.

In business dealing, when you have been unfairly treated, overcharged, lied to, or met with discourtesy, don't turn your cheek to be slapped, turn your back and depart. This is a back smile that is justified and has a telling effect.

Good business men find it ever profitable to sell honest goods, wrapped up in courtesy and bound with friendship. The price-cutter purchases a line of lumber inferior in quality and low in price, which he attempts to palm off on the customer as first quality stock. He usually charges as much for his junk as a dependable merchant does for the real stuff. If his customer objects to the quality or price, he treats him with discourtesy, falsehood and arrogance. The best thing to do is to pass him up.

The party, who aims to take a dishonest advantage of a customer, is a business bully. His victims are generally of a class, who trust to his knowledge of the stock and they accept his word. To cheat people, who trust you, is the mark of a degenerate mind. The man, who conducts his business on an honorable basis, respects the confidence placed in him by his customers, counts every customer as a friend and treats them in such a manner that they return to his yard. This is burning incense on the shrine of success.

As a last request, I would ask all our members to get to the convention at Windsor on Wednesday, Thursday and Friday, January 24, 25 and 26, work hard for the welfare of the O.R.L.D.A. and have a jolly good time. May the best of luck follow you all through the year 1923, is the sincere wish of your

Honorary President,  
J. B. Reid.

St. Petersburg, Florida,  
January 4, 1923

## The Agenda for the Windsor Convention

### Wednesday, January 24

- |           |                  |   |
|-----------|------------------|---|
| Morning   | 10.00 A.M. Sharp | Registration.<br>Meeting of Directors, Parlor "D"               |
| Afternoon | 2.00 P.M. Sharp  | Opening Session.  |
|           | 1.               | Prayer by Rev. Robt. Bennie, of Leamington, Ont.                |
|           | 2.               | Minutes of Previous Meeting.                                    |
|           | 3.               | Address of Welcome by H. W. Wilson, Mayor of Windsor.           |
| 2 to 3    | 4.               | President's Remarks.  |
|           | 5.               | Treasurer's Report—Association and Monthly Bulletin.            |
|           | 6.               | Secretary's Report—Selections from Printed Report.              |
|           | 7.               | Appointment of Resolutions Committee.                           |
| 3 to 3.45 | 8.               | Plan Service, C. L. Bowes, Chicago.                             |
| 3.45-4.15 | 9.               | Trade Ethics Among Retailers, F. B. Van Dusen, Brockville.      |
| 4-5       | 10.              | Reports from Districts and Branches.                            |
| Evening   |                  | Adjournment of Members and their Lady Friends to visit Detroit. |

### Thursday, January 25

- |          |                  |   |
|----------|------------------|---|
| Morning  | 10.00 A.M. Sharp |   |
|          | 1.               | Report from Membership Committee.   |
|          | 2.               | " " Arbitration Committee.  |
| 10-10.30 | 3.               | " " Legislation and Transportation.   |
|          | 4.               | Address on Transportation—Speaker to be announced later.                              |
|          | 5.               | Report on Insurance and Compensation, W. C. Laidlaw, Toronto.                         |
| 10.30-11 | 6.               | Financing Home Construction, S. Herath, Ojibway, Ont.                                 |
| 11-11.30 | 7.               | Stopping the Big Leak in the Retail Lumber Business, M. R. Bogart, Chatham.           |
| 11.30    |                  | Adjournment for joint luncheon with Members of the Border Cities Chamber of Commerce. |

### Afternoon 2.00 P.M. Sharp

- |           |    |  |
|-----------|----|--|
| 2-2.30    | 1. | Apprentices for Planing Mills and Factories, Robt. Bennie, Leamington.   |
| 2.30-3    | 2. | Shippers' Rating Bureau, K. J. Shirton, Dunnville, Ont.  |
| 3-3.30    | 3. | Standard Sizes and Grades of Lumber, W. M. Tupling, Orillia.   |
| 3.30-4    | 4. | Relations Between Wholesalers, Retailers and Contractors, A. R. Sanders, St. Thomas.   |
| 4.00-4.30 | 5. | Accident Prevention, G. H. Arnott, Supt. Windsor Lumber Co's Factory.  |
| 4.30-5    | 6. | Fire Prevention, Clarence De Fields, Fire Chief, Windsor.  |
| 5         |    | Adjourn for Banquet (informal)—B.C. Lumbermen's Movie, Music and Dancing, Address from Douglas Malloch, lumberman poet of America; Jack Miner, Famous Bird Naturalist, Kingsville, Ont.; More Dancing. |

### Friday, January 26

- |          |    |  |
|----------|----|--|
| 10 to 12 | 1. | Association Trade Mark, J. C. Scofield.                    |
| or       | 2. | Reports from Resolutions Committee and discussion of same. |
| 12.30    | 3. | 1923 Midsummer Outing.                                     |
|          | 4. | Election of Officers.                                      |
|          | 5. | New Business.  |

The President says, "Welcome to Windsor. It will be the greatest gathering ever. Come and see. Bring along the ladies."





Bird's eye view of the log storing facilities, modern plant and extensive yards of The Pas Lumber Co., The Pas, Man.

## Lumber Activities in Northern Manitoba

Manitoba is Usually Synonymous with Stories of Countless Acres of Golden Grain, but Away up in the Northern Part of the Province The Pas Lumber Company, Limited, at The Pas. Sends News and Illustrations Pointing Out that Manitoba has also Valuable Forests Besides Prairies

While the province of Manitoba is regarded as a wheat-growing province, it is fast becoming noted for its lumber activities, especially in the northern areas. A firm, that have done much to develop the industry in these parts are The Pas Lumber Co., Limited, who are operating at the present time on a large scale. Visitors to the plant express surprise at the magnitude of the undertakings witnessed on every side.

One of the best paying portions of the Canadian National railway system is that running between the Hudson Bay Junction and The Pas, due principally to the activities of The Pas Lumber Co., Limited, who are constantly shipping carloads of lumber to the more civilized world; in fact it is often found necessary to charter special trains to take out lumber. The company have a shipping capacity of from twelve to fifteen cars per day, and have earned quite a reputation for themselves on account of their prompt filling of orders.

The principals of the concern are the same as are interested in the Prince Albert Lumber Co., Prince Albert, Sask.; and the Ladder Lake Lumber Co., Big River, Sask.; viz:—

Secretary and Manager, A. L. Mattes, Winnipeg, Man.; President, D. N. Winton, Minneapolis, Minn.; Vice-President, C. J. Winton, Minneapolis, Minn.; Treasurer, Alvin Robertson, Minneapolis, Minn.

The main office of the company is at The Pas, Man., but the sales office, which is in charge of B. F. Harris, is located at 601 Electric Railway Chambers, Winnipeg, Man.

The Pas Lumber Company, Ltd., took over the plant of the Finger Lumber Company in 1919, and immediately commenced to rebuild, enlarge, and modernize, as a consequence possesses one of the most up-to-date plants in Canada. The employees of the company are extremely well housed and cared for. A large boarding house, situated near the mill, will accommodate 120 men, and each room contains two single beds. Recreation halls are provided and the building is equipped with steam heat, electric light, shower baths, and other modern conveniences. In addition to the boarding house for single men, the company have a large number of houses for married employees. Men employed in bush work are also extremely well looked after, and every camp is equipped with steel bunks, and mattresses. The mill is situated on the banks of the Saskatchewan River, on the outskirts of the town, while the company's timber limits are located North and West of the The Pas, on the Carrot and Saskatchewan Rivers.

### Large Capacity of the Mill

The mill has a capacity of 50,000,000 feet of lumber, and 15,000,000 pieces of lath per year. It is operated about seven months in each year, sawing commencing the first part of April, and continuing until the beginning of November, when the mill is shut down for the winter, but shipping and planing continues throughout the year.

During the summer months about five hundred men are employed, while about twelve or fifteen hundred are engaged in the winter for bush work. Most of this labor comes from the prairie

provinces, the influx to the woods commencing almost immediately harvesting operations are completed. Some skilled lumbermen, however, work at the mills during the summer months and assist in shipping and also logging operations in the winter. During the winter The Pas Lumber Company, Ltd., use 500 horses in the woods, most of these being hired from big railway contractors, farmers, etc.

The saw mill equipment consists of two single cutting band saws, and a large gang. The planing mill is equipped with modern fast feed planing machines, and the quality of the work turned out is exceptional. The company prides itself on the planing machine work and the uniform grading of its lumber. The company has several large steamboats for towing logs down the Saskatchewan and Carrot rivers to the mills, among these are S.S. David N. Winton, and the S.S. Alice Mattes, besides several gasoline launches, and smaller craft. The company's towing boat makes two and three trips a day from the rafting works to the mill during the summer season, taking a raft of some 3,000 logs, equivalent to 150,000 to 175,000 log-feet on each trip, a distance of about three miles.

### Provisioning of the Camp

To feed from twelve to fifteen hundred men in outlying camps during a long northern winter is no easy matter, and The Pas Lumber Company's boats are kept busy during the summer, shipping supplies from the town, to the general distributing warehouses on the Saskatchewan and Carrot rivers. Carload upon carload of beef, pork, flour, potatoes, and other commodities find their way into The Pas, and are sent out to the warehouses. The company maintain a store where clothing, suitable for the bush is sold to the lumberjacks at a cheap rate, and it is not the fault of the organization if a man goes into the bush not properly clothed for the strenuous



Logging scene in The Pas Lumber Co., operations in Northern Manitoba



northern winter. Then there is the feeding of 500 horses, which necessitates the shipment of thousands of tons of hay, and large quantities of oats into the camp. Unfortunately the camp is situated at some distance removed from railway transportation, and all supplies have to be taken into the camps by boat during the summer.

#### Abundant Supply of Timber

Every precaution is being taken by the authorities to protect the standing timber of the north. In addition to good sized timber, there are vast sized tracts of timber suitable for pulp wood in various parts of Northern Manitoba and Saskatchewan, and while in the past fires have caused considerable destruction, every year sees more efficient methods for fire control. A force of forest rangers is kept at work patrolling the country during the summer months, and keeping a watchful eye on inexperienced travellers who, through carelessness, might start a fire that would run into millions of dollars worth of damage. These rangers continue their patrol work until the freeze up.

During the past summer the fire ranging force in Northern Manitoba was augmented by large hydro planes, which made regular trips through the outlying districts. These planes were fitted with fire fighting apparatus, an auxiliary engine, hose, etc., and, in the event of a fire being reported, ten men could be carried to the scene of the blaze in one trip. Since the authorities seriously took in hand the matter of fire control, Northern Manitoba has been singularly free from fires of any size, and it is hoped that this work will be continued. Timber is already becoming a scarce commodity in the United States, and it will not be long before the whole continent will have to look to Northern Manitoba to supply a great part of lumber and pulpwood.

#### Quebec Forestry Engineers on Timber Depletion

The Quebec Society of Engineers is becoming an important adjunct to the Department of Lands and Forests, to guide and keep posted the Quebec Government on its administration of the forest resources of the province. The Society of Quebec Engineers was organized over two years ago by the students in forestry and engineers, encouraged and aided by the Government. After graduation from the Forestry School of Engineers at Laval University, they are sent to Europe at the Quebec Government's expense to study and learn methods of forestry as it is practised in France and Scandinavian countries.

The Quebec Society of Forestry Engineers now embraces a membership of ninety, and towards the latter part of last December held their second annual convention in Quebec. The meeting was held in camera because there were many questions of importance to discuss, besides the adoption of a constitution, by-laws, etc., and reports from engineering inspection of forest areas, both by air and land surveys, which had to be reported to the Department of Lands and Forests before being made public. The convention lasted two days and was attended by over two-thirds of the membership, including engineers from private lumber firms and limit holders who came from all parts of the province.

The most important question discussed was the continued diminishment of the forest resources and the best means of combating the annual destruction of forests in the province of Quebec. After several propositions had been submitted which will be further studied, as well as being sent to the Forestry Branch of the Department of Lands and Forests for study, the following resolution was adopted by the convention for publication:—

"It is resolved that the Society of Forestry Engineers, warn the citizens of the province of Quebec, that our forest resources are continually diminishing and that they are exposed to extinction through the ravages of fire, insects, fungus and dead-wood.

"It is the opinion of the Quebec Forestry Engineers' Society that it would be opportune to assure the conservation of our forests by the immediate creation of a permanent forestry reserve with the object of safeguarding in perpetuity our forests and the industries depending upon them."

The question of conservation was also thoroughly gone into and a resolution was adopted, to be sent to the Government for study and organization action.

The frequency of fires during the summer season which destroyed vast and valuable areas was discussed. Mr. Piche related what had been done by the Lands and Forests Department during the past two years, the precautions and the result. There were numerous fires and much destruction due to careless hunters and settlers, as well as wood operators. The information of Mr. Piche provoked a discussion and the engineers at the meeting were unanimous in recommending the government to take drastic action against the offenders. The devastation done to the forest resources

by the insect plagues, fungus and dead-wood, also brought out a lengthy discussion, and it was resolved that a most thorough study should be made to combat this source of devastation which is causing even more havoc than the forest fires.

At the conclusion of the business of the convention, the following were elected officers for the year 1923:—President, Omer Lusier, in charge of technical work, Forestry Service, Province of Quebec; Vice-President, S. L. de Carteret, Forestry Engineer in Chief for the Brown Corporation; Secretary-Treasurer, Victor Baillarge, member of Quebec Government Forestry Service; Councillors:—G. C. Piche, Ellwood Wilson, George Maheux, Henry Sorgius and E. Guerin.

#### Pashas Without and Within

If Mustaph Kemal Pasha stole a shipload of lumber from one of John Bull's merchants, the whole British Empire would be on tip toe to see who gave Kemal his first trouncing.

We like to see our national friends and enemies draped becomingly in flags and bunting. We seem to recognize antagonists only when they have been passed upon by a Cabinet Council. Then commences the flood of telegrams: "Every man and every last dollar;" "Count on the whole battalion;" and much more of a like and worthy sort.

Meanwhile, a hundred Kemal Pashas work vast mischief to the economic life of this Dominion. They wear no uniforms, they trouble no Foreign Office. They raise no alien flags. The pillage they do pays perpetual dividends of misery. But because these evil forces are not rigged out in the uniforms of foreign tyrants, we fill up our days with turning furrows and laying bricks and thank the Lord that Canada has nothing to worry over.

Well, Canada as regards her forest problems can free her mind from worry only by shutting off her intelligence. The heaviest drag on the progress of Canada has not been a National Debt but a neglect of the natural resources. The needless sacrifice of white pine by fire in Ontario and Quebec alone would unquestionably have matched the present provincial debts. The squandering of timber through unobstructed fires in the prairie provinces has doubtless been equal to the bond issues of the three administrations. Month after month the reckoning of forest fire losses would astound and stir to action any board of directors of a private company, but leaves untouched that peculiar company of citizens in charge of forest assets valued at several billions of dollars. Why is it so?

The Canadian citizen is no dullard. He is accustomed to act promptly on what is put up to him as a "public issue." But we are not a nation of political or economic students. We wait for the newspapers to tell us what the "issues" are. Sometimes we pick up a hint from our politicians. That is why the American continent is so readily swayed by propaganda. An issue not backed by organized propaganda is elbowed out of the main road by issues that are. This may explain why the great basic policies—the sane conserving and developing of the great natural resources, for example—have had to give away in legislative halls to less important but more emotional issues of social reform, road construction and the import tax on mouse traps. Inaction by our governments on the really vital matters is a precise barometer of public opinion. Until public opinion on forest preservation takes on the glow of an evangelistic cause, we will continue to take our seats about the arena of blazing forests with the same unconcern that we apply to 34 cents worth of Rodolph Valentino.

The Canadian citizen owns eighty-five per cent. of the forest area. And he does not know it. The Canadian citizen being the forest owner is the responsible forest conservator. He does not know it. The Canadian citizen is a personal trustee for his grandchild's forest inheritance. He does not know it. The Canadian citizen as forest owner, holds in his hands the responsibility for the greatest industrial expansion that lies in the path of this nation. But he is unaware of it.

The moment the simple convincing facts of his partnership in the profits and penalties of forest management are put in possession of the Canadian citizen, the jubilee of forestry will be at hand.—Robson Black.



# Stratford District Retailers Hold Annual

*New Officers Elected for Coming Season and Encouraging Trade Reports Received—Trend of Lumber Prices Upward—Credit Bureau Will be Formed*



E. K. Kalbfleisch, Stratford, Ont.  
Newly-elected chairman

With an attendance representing over two-thirds of the total membership, the Stratford District retailers of the O.R.L.D.A. gathered together on January 8th at the Mansion House, in the Classic City, and spent several profitable hours discussing many timely subjects of direct interest to the retail lumber dealer.

J. J. Cluff, of Seaforth, presided and opened the meeting with a short address to the retailers pointing out the many benefits to be derived from the interchange of views such as a gathering of this kind offered. The many troubles that loomed up so large in a man's business and which, he thought, were only troubles of his own, were found to be the identical problems that the other man sitting next to him at the convention table was confronted with. These exchanges of grievances, said the

chairman, were helpful and often profitable. "When we start back to work we go at it a good deal more determinedly because we know we are not alone in our endeavors," he added.

The chairman concluded his address by saying that everyone could learn something more about the product they were selling every day, and, in these times of change and progress, association work was needed more and more for the retailers to make a concerted effort towards giving better service to the public and so establishing the building supply business as a part of the community.

Mr. Cluff regretted to announce that J. C. Scofield, president of the O.R.L.D.A., who was to have been present to address the members, was unavoidably detained on account of sickness in his family. He then called upon H. Boulton, secretary of the O.R.L.D.A., to address the meeting.

## Lumber Retailers Must Broaden Out

Mr. Boulton responded with a comprehensive talk on a number of progressive subjects, among which was the new plan service the Association had undertaken to supply the retailers of Ontario. He pointed out how the retail lumber business to-day was compelled, in

view of the many sources of competition, to supply more than the mere boards and scantling; the very fact that the directors of their Association had deemed it advisable to inaugurate the service in Ontario, it was up to the dealers to take advantage of it. Over fifty members, he stated, had already ordered the service, including several members present.

Mr. Boulton then took up the question of credit bureaus, and explained how successfully they were operated by other merchant Associations. He recited in a convincing manner a few examples of how a list of delinquent debtors would save many dollars for the retail lumber merchant.

In referring to the fourth annual convention of the O.R.L.D.A. to be held at the Prince Edward Hotel, Windsor, Ont., on January 24th, 25th and 26th, the secretary drew the attention of the members to be sure and ask for a standard convention certificate when buying their one way ticket to Windsor. A reduced rate, of a fare and a half, is given by the railroads to convention bodies who can guarantee at least one hundred and fifty purchasers of tickets.

## Cost of Building is Going Up

From their experiences at conventions across the line, particularly the National Retail Lumber Dealers' Association convention held at Cleveland, the secretary stated that Mr. Scofield and he had learned much about making the forthcoming gathering at Windsor a particularly live one. They had a programme completed which would eliminate monotonous speeches, and open discussions and short talks by those who wish to give their views would be substituted. Eight or ten interesting subjects had been selected which will be discussed for a certainty, with live retailers leading the discussions. The first day will be devoted to renewing acquaintances and disposing of the business reports. The second day will be given to open discussion of various subjects and the third to the draughting of resolutions coming up. Mr. Boulton urged the members to bring their lady friends as a programme had been prepared for the entertainment of their wives, daughters and sweethearts.

Following Mr. Boulton's talk, which was appreciated, a discussion on the demand of lumber in 1923 was led by J. J. Cluff, of Seaforth. Everybody present took part and it was the general opinion that the cost of all kinds of building in 1923 was bound to be higher in price, but it was also thought that the increased cost of materials would not retard construction, as Canada had reached a period when building and repair work could not be postponed without visible actual loss. A number of retailers reported a decided shortage in hemlock and many declared that it was bound to go up in price as a result.

Another subject which drew forth much comment was the case



Geo. S. Zimmerman, Tavistock,  
Newly-elected Secy-Treasurer



D. C. Baird, St. Mary's,  
Newly-elected Vice-Chairman



E. Fleischauer, Stratford,  
Retiring Secy-Treasurer



of the wooden shingle vs. ready roofing. George S. Zimmerman, of Tavistock, said that the new stained shingle would prove a boon to the sale of the wooden shingle, adding variety and helping to beautify the home. The majority of members present claimed that the wooden shingle could not be beaten and any fault that was found with them was due in the main to the nails used. The subject of nailing was then discussed and disclosed many faults of different kinds of nails. Many agreed, however, that the galvanized iron nail recommended by the B.C. lumber commissioner, 51 Yonge St., Toronto, was the best one for use on the red cedar shingle.

#### District Forms Local Credit Bureau

The question of forming a local credit bureau was emphasized by Mr. Cluff, the chairman. He admitted that the subject had been before the members in 1922 and that they had not done anything toward compiling the necessary lists.

Robert Oliver, of Listowel, Ont., asked what kind of delinquent debtors were considered dangerous?

George S. Zimmerman, of Tavistock, replied, that in his opinion, no matter how good judgment a man thought he possessed of human nature, he was bound to be taken in at intervals, for sometimes large amounts, by men who, after running up an account in one town, would go to another centre and buy building material on credit from another merchant. Of course, both would lose, whereas with the advantages of a credit bureau, the experience of one should help the other, and vice versa.

Mr. Cluff was much in favor of a local bureau of this kind and a vote was taken which showed that the rest of the members also endorsed such a plan. Accordingly each member will send a list of his "bad ones" to his local secretary, who will in turn put them in shape and send them on to Secretary Boulton for distribution to the members of the branch. The members are expected to compile their lists within a month's time.

#### Association Plan Service Explained

G. T. Meinzer, service manager in charge of the sales of the O.R.L.D.A. plan service, was asked by the chairman to explain the service to the members. He first distributed among the retailers illustrations of houses, barns and other buildings in attractive folder form. He also had books of illustrated homes and other buildings

which were indexed, and by referring to a large book composing the estimating, the cost of any building was quickly determined. Blue-prints are supplied at \$2.50 a drawing. The cost of the illustrated books and material cost book is \$45.00 a year. There are, of course, the necessary colored billboards, metal signs, illustrated folders and letterheads with bright illustrations of homes arranged at the top and sides, all of which are essential in attracting the attention of a prospective builder to do business with a lumber merchant. The cost of the complete service would run about \$175.00 to \$200.00 a year according to the advertising requirements, etc.

Frank L. Reed, of the Union Lumber Co., Toronto, who was present in Stratford on a business trip, was invited by the chairman to say a few words. Mr. Reed thought there was no doubt that the price of better-grade softwoods would advance in the near future, and added that he knew of one manufacturer at least, who was selling his cut for 20% higher than last year.

#### New Officers for Coming Year

The election of officers for 1923 was held. Mr. Cluff was asked to take the chair again in 1923, but declined, saying that while he did not mind the work attached to the job, he thought it was only right that some other member should take a hand in directing the affairs.

E. K. Kalbfleisch, of Stratford, who was vice-chairman for 1922, was elected chairman for 1923, and D. C. Baird, of St. Mary's, was elected vice-chairman.

E. Fleischauer, of Stratford, who was secretary in the past year, was nominated for the office again, but declined owing to press of business. George S. Zimmerman, of Tavistock, was then chosen to fill the secretary-treasurership. D. Floody, Blyth, Ont.; Robert Oliver, Listowel; Thomas A. Pounder, Stratford; E. Fleischauer, Stratford, and J. J. Cluff, Seaforth, were the men voted to the executive.

Among those present were:—J. J. Cluff, Seaforth; D. C. Baird, St. Mary's; George S. Zimmerman, Tavistock; Robert Oliver, Listowel; E. K. Kalbfleisch, Stratford; E. Fleischauer, Stratford; H. Schlemmer, Tavistock; F. Floody, Blyth; J. Boshart, Milverton; F. A. Ronnenberg, Monkton; Thomas Pounder, Stratford; H. Boulton, secretary O.R.L.D.A.; G. T. Meinzer, Plan Service Manager, and A. W. Lynn, of the "Canada Lumberman."

## The Principal Elements in Good Houses and Character of Their Construction

Most people buy houses in the manner of the man who ordered a blue automobile. They purchase almost wholly on outward appearances, so far as the physical condition of the property is concerned. Paint, varnish and newness sell many houses. Very few purchasers concern themselves with the invisible construction of a house or with external evidences of the nature of the internal work. Yet what is not seen largely determines the future value of the property, the cost of upkeep and the satisfaction of the owner. The passing years inevitably reveal the true nature of the construction.

Yet it is not difficult for a house-buyer to find out whether the house is of proper and suitable materials and correct methods of construction, says the technical department of the National Lumber Manufacturers' Association in answer to inquiries. The best way, of course, is to have the house inspected by some competent person, but there are certain fundamentals which anyone may apply for himself with the probability of being guided to a correct determination of the intrinsic value of a house. Nobody wants to buy a house that will soon develop cracked plaster, sagging doors, jamming windows, floors that spring and creak, unsightly open joints in woodwork and spaces between casings, baseboard and floors; leaky roofs, unsightly sagging porches, and leaky or spilling gutters, swayback gables, etc.

To insure against these annoying developments the foundation first should be carefully examined, for any settling or cracking there is certain to be reflected in the superstructure no matter how good. The footing of the foundation should be wider than the foundation itself and should be placed below the frost line. If the foundation is not a single unit, such as poured concrete, it should be carefully inspected to insure that it is of good materials well put together.

About half the weight of a building is carried on the posts, which should rest on piers. The posts support a girder on which the inner

ends of floor joists rest, as well as the partitions which carry the upper floors of the house. The piers should be higher than the basement floor in order to prevent rot if the basement should be damp. Often the concrete of the floor is run up around the bases of the posts thus sealing up the end and creating a favorable condition for dry-rot. In either case the post will eventually settle with unpleasant results. The piers should be carefully made, flat on the bottom and of adequate bearing surface on the soil underneath.

Most houses are safe enough so far as the floor supports are concerned, but the floor should be rigid and stiff to prevent cracking plaster, sagging or spring and creaking floors. Joists are commonly strong enough for this purpose, so the stiffness is the main factor to be considered. The determination of this will probably require some expert advice, though walking or stamping on the floor will often reveal a weakness. The joists should have uniform bearings where they enter masonry walls, otherwise uneven settling will follow with humpy floors and loosened nails. Where joists are not of a single timber the two pieces making them up should be well and strongly spiked together.

Joists should be anchored to masonry walls about every fourth or fifth joist with T-shaped metal straps nailed to the side of the joist near the bottom, with the top of the T built into the wall. This ties the building together. Placing the metal strap near the bottom of the joist is a precaution in case of fire, so that a burned through joist will fall against the wall instead of pulling the wall down with it. When joists enter stud walls and are supported by a ribbon, that is, a board notched in the edges of the stud, they should be well spiked to the studs also. A feature of floor construction that is hidden in upper floors but is usually in evidence underneath the ground floor is the cross-bridging or diagonal bracing between the joists. This bracing keeps the joists in alignment. If a joist is not thus supported by its fellows it may tilt or bend, and cause cracked plaster below and a sagging and squeaking floor above. If floors do



not sag spaces will not be opened up between baseboards, casings and floors.

Floor joists are often weakened through cutting or boring holes in them to make room for plumbing or some other mechanical equipment. Such cuts should not be deeper than one-fifth the depth of the joist below the top, and the center of a hole should not be more than the same distance from the top. These openings should be near the end of the beam and never further from the end than three times its depth.

#### Cut-offs and Holes in Joists

Where joists are cut off to make openings for stairways, etc., the joists along the side of the openings should be doubled and the loose ends of the cut joists spiked to a "header" which runs across the opening to the two double joists. The headers should be of the same depth as the joists and of at least double thickness. Headers that are more than eight feet long should be supported at their ends by metal stirrups from the trimmer or doubled joists.

On account of the arrangement of rooms above it is often necessary to have the joists support what are called bearing partitions, which support part of the weight of the upper floors and other construction above them, as well as acting as room walls. Such partitions, if possible, should always be in the same vertical plane with like partitions above or below. The lowest one should always be directly over the girder in the basement. If partitions must rest on joists, the one immediately below such a partition should be doubled, if the partition is parallel. In case such a partition is to enclose pipes the double joists are placed two or three inches apart and connected with well nailed blocking except where the pipe is to pass.

When bearing partitions run across the joists, which is not often, solid bridging of the same size as the joists should unite them directly beneath, and the joists should be larger, doubled or placed closer together. In this connection it should be noted that it is better to increase the depths of the joists rather than to double them.

All bearing partitions that support partitions above should have double plates across the top of the studs and also at the bottom unless the studs run down between the joists and rest on the top plate of a bearing partition below. They should have horizontal braces or bridging placed between the studs midway between the floor and ceiling. If more than the weight of the two floors is carried by such a stud partition the members of the partition should be increased in size.

#### Equalizing Shrinkage of Wood

The shrinkage of wood can not be entirely eliminated, but it can be equalized so that little harm will result. It shrinks more across the grain than with it, so the amount of lumber with the grain horizontal should be as nearly equal as possible in different parts of the building. A better way to put it would be to say that the horizontal grain pieces in a cross-section of the outside walls and of the bearing partitions should be the same—so that their shrinkage will be equal, thus maintaining their original relations.

Though a good foundation is fundamental it can be negated by a poor frame, especially in the portions that support weight or resist the pressure of wind. Plenty of windows are needed, but each window necessitates a hole in the wall that weakens it unless compensated for. This is done by proper framing of the openings. Their side studs should be doubled and a double piece should be placed across the top and bottom of the opening. If the opening is more than three feet wide it should be trussed across the top. The carpenter knows how to do it, and will do it if you insist. Narrow openings can be taken care of by headers, similar to those mentioned above. If these openings as well as those for interior doors are not substantially framed, binding or warped window and door frames will result, necessitating replastering and redecorating in correcting. If a wall with a poorly framed opening supports joists the floors will sag.

#### Watch the Roof Always

It is sometimes said that the main purpose of a building is to support a roof. Anyway, a house without a roof is not much, and one with a poor roof is little better. It is highly important that the pitch or slope be ample for drainage. If the gutters are placed too high on a roof without sufficient pitch they will become clogged up with snow and ice in the winter and water will back up under the roof covering, rotting the roof boards and ruining the ceilings.

It is exceedingly important that the rafters be strong enough to make a good job of holding up the roof. The writer recently examined a house for a prospective buyer that was so deficient in this respect as to be pathetic and perhaps tragic. It is typical of jerry-built houses everywhere, whose sad appearance after a few years is charged to frame construction, instead of to careless if not fraudulent work. The east has many eighteenth century frame houses that are standing up better today than some of the stone and brick houses

erected at the same time, whereas new suburbs are spotted with houses that are ramshackle after a decade or less. In this particular house the individual rafters were not stiff enough and were sway-backed and sagging and there were not enough of them, that is, they were too far apart. In the ordinary frame house rafters should be not more than twenty inches apart. It is generally best practice to space L rafters the same as the studding and joists so each rafter end will have a solid support. Instead of resting on the outside walls, as they should, the rafters were supported by thin boards laid across the tops of the ceiling joists, and only about one rafter in four rested on anything solid underneath, the rest of them being spaced between joists. The roof covering was of slate and was heavy enough to bend the thin boards with the result that the eaves were as wavy as the edge of a bread knife, the ridge humped and the slate cracked and fell off. And this house had been completed within a month! It was brand new but already falling down.

#### Pioneer Lumberjack Has Cut Out Smoking

Perhaps the most ruggedly interesting of pioneer figures in Eastern Ontario is Duncan MacDonnell, of Pembroke, Ont., who celebrated his ninety-sixth birthday to-day in a manner befitting a Hielan' man who is nearly a hundred years young. He belongs to the MacDonnells, of Glencoe clan fame, and his mother, Janet Forbes, lived to her one hundred and fifth year. Mr. MacDonnell still cuts the wood for his son's family and does the other odd jobs around the house. His eye is still bright and alert, and the ankylosis that has attacked his limbs has not reached his brain. He does not read, so he had not learned that the whiskey of which he had drunk so much when in the shanties—in preference to melted snow—was bad for him.

Now, since it has been cut out for him, he is sure it must have been bad. Smoking he cut out two years ago, as it was stunting his growth, he said. As a shantyman in the wild "good old days" his fare had been frozen bread and pork, washed down with the melted snow—failing whiskey! He was the first man to stamp on a stick of timber the initials of A. & P. White, the pioneer lumbermen of the Ottawa valley clear through to North Bay.

W. R. White, of Pembroke, whose father cut the first stick of timber in or near Pembroke, and was its first settler, tells the following story of Mr. MacDonnell: "I was standing near Duncan one day when he was squaring a stick of red pine 60 feet long. He had felled it across a beech sapling which interfered with the play of his broadaxe. He cut the frosty sapling in two with one stroke, and it rebounded, hitting him in the forehead. It lifted his forehead from his eyebrows to his hair, literally scalping him!

"Getting dizzily to his feet, he deliberately mixed some chewing tobacco with snow and applied it to the raw wound, after having pressed it into place with his own hands. Then he bound it up with a handkerchief he had used for at least a month and resumed his work. That night, by the aid of a cracked mirror, he sewed the split in his scalp together with three enormous heavy linen stitches. Next day he went to work again.

"To-day," continued Mr. White, "a man would be in the hospital at least a month with an injury like that. Duncan never tells that story. In all the wonderful stories that roll from his lips, it is always the other fellow who does the daring things."

#### Judgment Delivered in Lumber Action

Judgment has been delivered by Justice Middleton, of Toronto, in the action and counter-action arising out of a contract for the purchase of lumber entered into by M. Martin, of Huntsville, Ont., as plaintiff, and Frank Austin, of Haliburton, as defendant.

The action was originally tried before the late Justice Sutherland, but was not disposed of by him before his death. It was then re-argued on evidence transcribed, with the result that the defendant is to receive \$39,474.32. As he has been paid \$40,000, the judgment orders a refund of \$523.58.

#### Montreal Wholesalers Hear About Co-operation

At the luncheon of the Montreal Wholesale Lumber Dealers' Association on January 3rd, Mr. J. S. Bock, the chairman, in wishing all the members a prosperous 1923, emphasized the value of co-operation, of mutual trust. He was certain, he said, that the exercise of the co-operative spirit would be of great advantage to every wholesaler. They should cultivate more fully the practice of inter-trading, so that each wholesaler would be benefited. The present year should be one of co-operative effort in furthering the interests of the trade and of extending their business. The next general meeting of the Association will be held on the 18th inst.



# Canada Lumberman

founded 1880

The National Lumber Journal for Forty Years

Issued on the 1st and 15th of every month by

## Hugh C. MacLean Publications

LIMITED

THOS. S. YOUNG, Managing Director

HEAD OFFICE - - - 347 Adelaide Street, West, TORONTO

Proprietors and Publishers also of Electrical News, Contract Record,  
Canadian Woodworker and Footwear in Canada.

VANCOUVER	- - - - -	Winch Building
MONTREAL	- - - - -	119 Board of Trade Bldg.
WINNIPEG	- - - - -	302 Travellers' Bldg.
NEW YORK	- - - - -	296 Broadway
CHICAGO	- - - - -	14 West Washington Street
LONDON, ENG.	- - - - -	16 Regent Street, S.W.

### TERMS OF SUBSCRIPTION

Canada, Great Britain and British Possessions \$3.00; United States \$3.00;  
other Foreign Countries \$5.00. Single Copies 20 Cents.

Single copies, 20 cents.

Authorized by the Postmaster-General for Canada, for transmission as  
second-class matter.

Vol. 43 Toronto, January 15, 1923 No. 2

### The Horoscope in Lumber Line

The year 1922 was one in which considerable progress was made in general conditions of the lumber trade. January opened with some misgivings but it was not many weeks before an active campaign in house and store construction started. The impetus was felt in all the larger centres of population and kept up encouragingly until the end of December, the mild weather being favorable to construction. The result was that softwoods had a steady persistent call which caused values to become more stable and the retailers to reduce their stocks appreciably. So great was the demand for small dimension, joists, studding, etc., that hemlock, spruce, jack pine, B. C. fir and southern pine were all purchased in large quantities and toward the end of the season a scarcity developed in certain widths and thicknesses. Dry stock in mill yards, as soon as it was ready for shipment, was moved out and saw mills ran considerably later than the previous year. The result of the large turnover in softwoods is that stock's in the yards of manufacturers today are from 25 to 50% lower than they were a year ago at this time and different sizes are badly broken, particularly in the higher grades.

Prices have been much firmer during the past few months than they were at the beginning of 1922 and they show no signs of recession. On the other hand it is predicted that values may rise considerably until the new stocks come on the market.

More inquiries are being made today for the cuts of mills and the probable output than at any time since the unpredicted boom of 1920. The cut in the bush this winter will be unusually heavy. There was a shortage of labor at the beginning of the season but all the camps are now pretty well manned. It is reported that, owing to increased logging operations there are between 900 and 1,000 camps running in Ontario at the present time.

There is a feeling of confidence in the lumber trade that 1923 will be a year of steady values, growing volume and stable demand. Equalization of production and consumption will be more marked, and apparently the building spurt, which took place in all the larger communities, will continue unabated.

So far as hardwoods are concerned, these were quite dull for the first few months in the year, the only call being from automobile plants, with a few straggling orders from furniture producers. Local industrial establishments were running on a much reduced scale and had an abundance of stock on hand. The principal market was over the border, and it is believed that about 80% of the stock sold found its way into the United States. Canadian plants, however, have begun to find business steadily reviving during the last few weeks. There are now more inquiries for stock, the wide spread in prices has disappeared and things generally have taken on a brighter aspect. During the closing months of 1922 considerable difficulty was experienced in making shipments owing to shortage of cars

and embargoes at various points but the transportation situation improved with the beginning of 1923.

A larger cut in hardwoods is taking place than there was anticipated. There is much reconnoitering for stocks and those, who have quantities of native woods on hand, are not inclined to part with them, unless they can secure the figure sought.

1922 was a very good year in the lumber industry, so far as Ontario was concerned. High-priced stocks were cleared out and operations got down to a replacement value. It was a period of recovery and readjustment, and while not a money-making era with many wholesalers or producers, still a firm foundation was laid for rearing a good super-structure during 1923.

### January is the Convention Month

Are you too big or too small for your business? This query may arouse more than passing interest and aptly describes a few men who are found in every calling or trade. We refer particularly to those who are either so great, successful and all-important that they do not need to attend a trade convention, or the ones who are so suspicious, narrow-gauged and selfish that they cannot spare a few hours or a few dollars to mingle with their brethren.

In every town and city there is always the fellow who thinks he is very much above the average in his class or calling. Then there is the other chap who imagines that if men of the same vocation come together, these "conventioners" are neglecting their own business or assemble merely for some sordid or selfish purpose. The fellow, who stays away and thinks he knows all about running his own affairs and is not going to be dictated to by anybody, and remarks that he possesses a hang-sight more knowledge about lumber and conducting a planing mill or taking care of stock than Bill Smith who lives over in the next town, is, however, finding his ranks growing thinner. He is being out-classed and out-distanced, and like a man who is slowly freezing to death in a zero temperature, is not aware of his awful fate.

January is generally a quiet period in the lumber trade. The retailer, wholesaler or millman has just completed his work for the year, taken his inventory and is looking out over the twelve months that are to come. He cannot spend his time to better advantage than attending a convention, rubbing shoulders with the other fellow, learning at first hand what he thinks of present conditions and the outlook and ascertaining what is being done in distant localities and by other concerns. Such a process is broadening, strengthening and stimulating.

While one may go through life comparatively isolated, companionship is the natural atmosphere in which we all like to move. Nowhere will the lumber manufacturer, wholesaler or retailer find better, more congenial and agreeable associations than with those engaged in the same line of activity. This does not mean that it is necessary all the while to "talk shop." There are many other interests in common which would form subjects of mutual discussion, and whether at work or play there is no finer, more intellectual or progressive class of business man than the lumberman. He possesses public spirit, he shows his faith in the town or city where he resides by the investment of a large amount of capital in stock, equipment, plant and premises. He assists in every way in building up the community and fosters in season and out of season the splendid home-owning idea which is the bulwark of contentment, solidity and attractiveness of any wide-awake centre.

The lumberman is playing a great part, often silently, but nevertheless effectively, in the upbuild, prestige and permanence of every community. He can do this all the better if he will take the time to attend the annual sessions of the Canadian Lumbermen's Association in Montreal or of the Ontario Retail Lumber Dealers' gathering in Windsor. These conventions are growing in interest and importance, in attendance and results. The sittings this month will stand out more prominently and pleasantly than ever by reason of the brighter trade outlook, sounder financial conditions, general air of confidence and optimistic auspices under which they are held.

### The Daily Chase After Business

In this world we largely get what we give. Let a man show himself friendly, considerate and helpful and others adopt the same attitude toward him, but if he is narrow-gauge, selfish and spiteful, he is viewed with suspicion, distrust and hatred. The tolerant, buoyant, genial representative who carries through all the troubles and turmoil of the daily grind a reassuring smile and affable air, is the one who really gets the most out of life.

It is the same in business. He, who will pass along a few pointers, any little plan or practical proposition that he has evolved for increasing trade, etc., is not only benefiting others but feels bigger and broader himself. Perhaps it is some device for reducing



overhead expenses or eliminating waste or it may be some small invention so that a job can be done easier and quicker. There are various little plans which have saved money, and there is no reason why all these should not be passed along for the general benefit and welfare of one's fellows.

No one in the lumber or any other line of trade, has a monopoly of all the economic ideas of the world. He can be told something by the other fellow, and should give out some thoughts in exchange. Many shortcuts have been established which have resulted in conserving time and money for many a merchant or manufacturer. The higher the general average of any trade is in efficiency, output, service, and development, the better for its individual units.

The man, who is all the time in search for useful and helpful information that will aid him in placing his business on a sounder footing and a more productive plane, is he who is not afraid to answer or to ask questions, but attends conventions, studies trade papers, takes part in discussions and visits his competitors. All these are ways to enlarge one's stock of knowledge, and the more one knows about this business to-day, the greater are his opportunities for success.

It costs next to nothing to be placed in possession of worthwhile practical ideas, and helps the retailer to keep up with the procession. When a man feels that he is right up to the minute in his business and is taking advantage of every opportunity for keeping in close touch with all that relates to its progress and prosperity, he has a sense of pride and duty well done, of efficiency and satisfaction, which makes his career one that stands out successfully and remuneratively.

Recently a paper dealing with the building situation said that the only way to keep people satisfied was to give them changes and new impressions. The old office should be shined up, the yard straightened out and some fresh feature put in the chase after business. This is good advice, so far as material surroundings are concerned, and the same might pertinently said with regard to the lumber merchant himself. He should be an optimist, make no promises he cannot keep, study the wants of his customers, never show discouragement or hold spite, be fair and just in his relations with all those in and about him, and above everything learn to control himself. No man is ever master of his trade, his destiny or his desires until he has first learned the virtue and value of self-conquest, and respects the rights and convictions of others.

### Commercial Use of Waste of the Log

Announcement was made recently at Washington by the National Lumber Manufacturers Association of what is believed to be an epochal development in the economics of the lumber industry. On the authority of Robert B. Allen, of Seattle, secretary-manager of the West Coast Lumbermen's Association, who has been in Washington in conference with the officers of the National Association, it was stated that after a long period of experimentation the problem of carbonizing wood wastes and converting them into briquettes of a thermal value equal to that of the best anthracite coal has been solved and practically developed. General introduction of the new industry made possible by this development is capable of effecting the utilization of the enormous waste material of logging and lumbering with far-reaching effects on fuel supplies, metallurgical and chemical industries, reclaiming of cut-over lands and reforestation of such lands as are not suitable for agriculture.

Not more than 40 per cent on the average of a timber tree as it stands in the forest goes into the shape of lumber at the mill. The waste of limbs and unused portions of the trunk in the woods, and bark, sawdust, slabs and trimmings at the mill account for the remaining 60 per cent. Not all of this waste, from the lumber-product point of view, is waste of material, as varying utilization of these by-products is now made, from rough fuel to paper making and some degree of industrial chemical manufacture; but the amount of waste of material attendant upon the operations of the 30,000 sawmills of the United States and the incomplete utilization of these by-products are in the aggregate stupendous.

The mill wastes themselves to which the new development will be primarily applied are placed by one authority at 46 to 56 per cent of the volume of the logs milled. The kerf, or cut made by the saw, resulting in sawdust, accounts for 13.5 per cent of an average log; the bark waste runs from 10 to 20 per cent; edging and trimming represent 8.7 per cent; slabs the same; careless sawing 3.5 per cent; and sizing to standard dimensions involves a material waste of 1.7 per cent. A fair-sized sawmill, producing 200,000 board feet of lumber daily will have 200 cords of waste material to dispose of. Probably considerably more than half of this material is now thrown into waste piles or burned because there is no market for its utilization. A striking feature of the ordinary sawmill plant is the enormous cylindrical tower of the "burner" whose fires perpetually consume the debris of lumber making. As much as possible of the waste

is used in power production for the mills and where markets are near especially in regions where coal is scarce and costly, much is used for domestic and industrial fuel, either in the rough or "hogged" into small pieces.

General introduction of a practicable system of extracting high grade fuel from wood wastes, together with the incidental by-products is of substantial interest to the general public, because profitable use of what has heretofore been wasted will naturally tend to check the tendency of lumber prices to rise with the depletion of the forests. At present the 30 or 40 per cent of the tree that is utilized has to pay for itself, as well as the 60 or 70 per cent that is wasted.

It is planned to erect ten briquetting mills in the near future, from Vancouver, British Columbia, on the north to Marshfield, Oregon, on the south. The idea in having so many plants being to save transportation costs by locating the briquetting mills near to both sources of material and to markets. Where the briquetting plants are operated in conjunction with sawmills the transportation item is negligible because the waste from the mills goes directly into the briquetting retorts; otherwise, the waste has to be "hogged," a technical term for chipping it into small pieces, in order to be susceptible to economical transportation.

In brief, according to Mr. Allen and his associates, success in developing this process of carbonizing and briquetting wood wastes means (1) an enormous saving in the lumber industry (2) the production of a high-grade fuel at a reasonable price suitable for domestic purposes (3) the development of iron and steel industries on the Pacific Coast (4) production of large quantities of fuel gas, tar and acetone alcohol (5) the facilitation of the clearing of large timber land suitable for agriculture and (6) the reduction of the costs of reforestation on timber lands not suitable for agriculture to a point that will make reforestation practicable.

### Western Mills Expect Lively Season

Reports received from British Columbia are to the effect that all the mills in the province will within the next few weeks be running full blast. The outlook is favorable in the lumber business as one of the most important basic lumber industries of the province and leading financial and business men declare that orders are in sight for, at least, the next six months in both export and domestic markets.

It is believed that the public regards existing conditions as approaching nearer to stabilization than for many years and that the future holds promise for sound operations for some time to come. Of course, one of the most important factors will be the European situation, and if affairs are satisfactorily straightened out across the water, the effect will be world-wide. There appears to be a widespread desire on every side to bring business into that condition of stability which means so much. Optimism seems to prevail in most quarters and there is apparently no reason why the West should not enter upon 1923 with every confidence.

Many western firms say that general world markets were never brighter for forest products than they are now and some voice the opinion that 1923 will be a banner year in the history of the industry.

Although prices have stiffened within the last two months, Vancouver mills are booked for three months ahead and new business is showing for the spring and summer cuttings. The Japanese demand for cedar squares is strengthening. China is buying in greater quantities and is asking for railway ties and railway timbers.

### How Spark Arresters Stop Forest Fires

The destruction of both forests and standing crops by fires caused by sparks from railway locomotives is known to be so great that there will be much satisfaction over the fact that in order to prevent this needless and enormous waste, the United States Forest Service has been co-operating with western railroads in developing a spark arrester, with such apparent success that one series of tests made on the Colorado & Southern Railroad proved highly effective in saving forests, even though there had been a season of prolonged drought. Gratifying results were also obtained on engines operating through the South Park, or what is known as the "Hay Country." Previous to installing the spark arresters, men were kept busy plowing fire guards the entire length of the road through the South Park and other places where fires were common. The use of the spark arresters has eliminated all of this work. The contrivance is very simple to make and install; the work can be done at any of the railroad shops. The netting must be renewed every 30 days to maintain its efficiency. The engineers are greatly in favor of the use of the spark arresters as with them installed they can leave their windows open. When it is considered that dozens of fires are caused every year in Canada and the United States from flying sparks, the value of some such device is apparent.



## Mr. Lovering Again Heads Lumbermen's Section



W. J. Lovering, Toronto

W. J. Lovering was re-elected chairman of the Lumbermen's Section of the Toronto Board of Trade at the annual meeting held recently, when reports for the past year were presented. It was shown that the finances of the organization were in good shape and while not a great deal of business had been transacted during 1922, it was felt that, being the oldest lumber body in the city, a useful purpose was being served and the section should continue to function. It is a representative of both wholesalers and retailers and it was decided that the annual fee should be reduced from \$3.00 to \$2.00 a year. J. B. Jarvis and G. B. Van Blaricom, Editor of the "Canada Lumberman," were requested to prepare a report on the past year's operation in the lumber

industry for incorporation in the annual publication of the Toronto Board of Trade. Sam. McBride was nominated as the representative of the section on the Canadian National Exhibition Association, and J. B. Jarvis as member of the Board of Arbitration. T. A. Patterson, of Mickle, Dymont & Son, Toronto, was re-elected vice-chairman for 1923, and Horace Boulthbee, secretary-treasurer. He was voted the usual honorarium for his services. The committee for 1923 consists of A. E. Clark, W. C. Gall, J. B. Jarvis, C. G. Anderson and S. McBride.

Among those present at the meeting were W. J. Lovering, J. B. Jarvis, Sam. McBride, A. E. Eckardt, W. C. Laidlaw, R. G. Chesbro, A. E. Clark, Hugh Munro, Horace Boulthbee, G. B. Van Blaricom and others. A general discussion took place over the prospects of trade for the coming year and it was agreed that the outlook was getting brighter all the while.

## Wholesale Lumber Firm Holds Reunion

A reunion of the sales, inspection, shipping and office staff of Edward Clark & Sons, Limited, wholesale lumber dealers, Toronto, was held at the new Mount Royal Hotel, Montreal, on December 27th. During the afternoon several hours were spent in conference and in discussion of plans and work for the coming year. A. E. Clark presided over the gathering.

The meeting took place in the metropolis owing to its central location, so far as the eastern staff is concerned, and among those present were,—W.N. Fox, of Toronto, (accountant); D. A. Webster, of Boston, (manager of eastern sales); A. D. Titcomb, of Newport, Mass., (sales and shipping); C. A. Runnells, of Williamsport, Pa., (sales and shipping); E. F. Runnells, of Walton, N. Y., (sales and shipping); E. W. Sanborn, New York, (sales); A. A. Bell, of Swanton, Vt., (general superintendent of mills, piling and production); E. T. Willman, Calumet, Que., (shipping); A. N. Little, of Newburyport, Mass., (shipping); C. C. Jackson, of Toronto, (sales and shipping), and A. L. McIntyre, of Grenville, Que., (shipping).

In the evening a dinner was tendered by the firm to the members of the staff. A silent toast was drunk to the late Edward Clark, the veteran founder of the house, who passed away a few weeks ago. The present head of the organization, A. E. Clark, was honored during the evening and a number of warm tributes paid him. In replying he stated that the conference had been to discuss methods of manufacture, piling and shipping so as to improve the service of the organization to the public. The inspection department work was also gone into and practical suggestions made for the prompt sending in of reports of stocks in the various yards so that shipping could be speeded up. It was necessary that there should be close co-operation between every branch of the business if production, inspection, shipping and sales were to proceed uninterruptedly and the best possible results achieved.

Mr. Clark stated another matter that had been considered was the possible thicknesses and grades of hardwoods required in different territories for the coming year. Inspection and measurement and the best means to employ were also touched upon as well as how each man could widen his activities and do considerable scouting in the way of inquiries, prospects, etc., and sending in valuable information. It was important that the reports of inspectors should be forwarded without delay and in properly classified form so that all the details would be known and the stock not get down to tail

ends before those who had the selling of it realized where they were at.

Another matter that Mr. Clark said had been taken up was the different ways of piling lumber so as to dry quickly, and at the same time get out the stock in the best condition possible. He felt that good results could be accomplished from conferences, that they all had a better appreciation of one another and the work which they were seeking to do, and that they would go out determined to do their utmost and to labor whole-heartedly and unitedly for the success of the organization.

## Shantymen's Christian Association Makes Progress

It seems difficult for some people to understand that the collection is not the most important thing in a religious service. For fifteen years the missionaries of the Shantymen's Christian Association have been visiting as many lumber camps, as their numbers would permit. In all these years their rule has been that no collections are asked for in the camps. This simple rule has commended them to the men who thus see it is pure disinterested concern for their welfare, that brings them there. As the missionaries do not represent any particular church lumberjacks of all classes give them a hearty welcome, the only complaint the men make is that their visits are too few.

So satisfied are these missionaries with the good that is being accomplished that the same men continue in the work year after year, and new ones are being added annually. The work now extends from the Atlantic to the Pacific, and this winter a staff of about twenty men is being employed in Canada, while others are at work in various parts of the United States.

Because of its independent character, no support is received from the Home Mission Funds, and only very little from the employing lumbermen. No guaranteed salary is promised to any man but the needs of their families are supplied by funds sent to the head office of the Christian Shantymen's Association, 15 Toronto St., Toronto; or to the treasurers of the branches in Winnipeg, Vancouver, St. John, N.B. Further information will be gladly furnished to any one desiring it.

## Plays Golf Both Winter and Summer

J. B. Mackenzie, of Georgetown, Ont., who was recently elected chairman of the Orangeville (or No. 6) District of the Ontario Retail Lumber Dealers' Association, is an ardent golfer. It was only about a year ago that he took up this pastime and he has developed into a "fan" and would much sooner miss his mid-day meal than making the daily round on the links.

Mr. Mackenzie has invited the members of the Orangeville District to hold a spring meeting in Georgetown, and among the added attractions is a game of golf over the nine-hole course which should be in good shape by the latter end of May.

A recent despatch from Georgetown conferred fame on "J. B." It stated that he and his son and a guest from Toronto were playing on Christmas Day. Mackenzie, Jr. was trying out a new driver which he found in his Xmas stocking. As the speckled trout played about in icy waters, the golfers burrowed in snowdrifts in fairly successful drives. The balls were painted red for the occasion. Mr. Mackenzie believes that he has achieved a record in playing golf on Christmas Day and doubtless he will be the first man out upon the fair-ways when the snow has melted and Mother Earth shows again her smiling countenance.

## Logging Operations Grow Greater in East

There is every indication of buoyancy in the lumber market and the optimism of the lumbermen is being expressed in the expansion of operations in the woods. In all sections of New Brunswick the original estimates of cuts are being expressed in the expansion of operations in the woods. In all parts of the province the original estimates of cuts are being exceeded and the total cut will be much larger than was anticipated but will not reach the total of three years ago.

The department of lands and mines has forty-two scalers and sixteen helpers at work on the various operations. The North Shore operations are going on with the total cut likely to be considered in excess of what was expected.

In other parts of the province there have been large increases. On the Big Cedar, a tributary of the Tobique, the Stetson Cutler Co., are cutting in an operation of 5,000,000 feet which they did not contemplate at all at the beginning of the logging season. In Mada-waska a pulpwood operation of 10,000 cords for the Fraser Companies, Limited, at Edmundston, has been enlarged to 15,000 cords.



## Fred. Bigwood Heads the Kiwanis Club



Fred. H. Bigwood, Toronto

Fred. H. Bigwood, of the Canadian General Lumber Co., was elected president of the Senior Kiwanis Club, Toronto, for 1923, at the annual meeting held recently. Mr. Bigwood has long been connected with the Kiwanis organization, and at the big International Convention, held in Toronto in June last, he was the energetic chairman of the committee of arrangements. He carried out his duties faithfully and successfully and proved that he is an organizer of ability, and at the same time never becomes ruffled or riled. He is calm under all conditions and should make an excellent presiding officer. Mr. Bigwood, who is a brother of W. E. Bigwood, Toronto, former president of the Canadian Lumbermen's Association, was born at Winooski, near Burlington, Vermont, and has been identified with the lumber vocation all his life. While in Vermont he was largely engaged in the screen door business and some fifteen years ago came to Toronto, entering the sales department of Graves, Bigwood & Co., whose mills are at Byng Inlet. About that time the company started extensively in the manufacture of box shooks, and F. H. Bigwood has devoted special attention to the management of that department. He was elected a director of the Canadian General Lumber Co. at its formation five or six years ago and to-day has charge of the office sales of that organization.

"Fred" as he is generally known, is a man of versatile accomplishments. He won the fat man's race at the annual picnic of the Wholesale Lumber Dealers' Association held at the Lake Shore Country Club last summer, and two years previous at Grimsby he captured the trophy for being "the handsomest man on the grounds." Now he is president of the Kiwanis Club which position he will no doubt fill with credit to himself and satisfaction to the organization.

## Mr. Shirton Retires From Municipal Life

K. J. Shirton, of the William Shirton Co., Dunnville, Ont., who has been Mayor of that town for the last two years, has retired from municipal politics. He filled the office faithfully and well during his regime. As far as his own business was concerned, he showed every faith in the prosperity of the town, erecting a large new shed for storing dressed lumber and also an attractive new office building.

Mr. Shirton is a public-spirited citizen, not only taking interest in the affairs of Dunnville but also in the welfare and advancement of the Ontario Retail Lumber Dealers' Association of which he is vice-president. It is expected that at the forthcoming annual meeting, which will be held in Windsor on January 24th, 25th and 26th, he will succeed J. C. Scofield, of Windsor, as presiding officer of the organization.

## Madawaska Lumberman Wins Suit on Appeal

Judgment has been rendered by the Supreme Court of Canada in the appeal case of J. P. Moran, of Madawaska County, N.B., vs. the Hammond Lumber Company with a verdict awarding the plaintiff Moran \$10,900 and costs, with the costs of the courts below.

This judgment upsets the decision which was given by the Supreme Court of New Brunswick when the case was heard on appeal from the decision rendered by Mr. Justice Barry refusing the claim of the plaintiff, although the damages had been assessed by the jury at the trial as \$10,900, the amount which has been awarded by the final decision of the Supreme Court of Canada. The judgment upholding the decision of Mr. Justice Barry, which was rendered by the Supreme Court of New Brunswick, was not unanimous, Mr. Justice Crocket dissenting at the time.

This action arose out of contracts let by the Hammond Lumber Company for the cutting of some five million feet of logs, which were sub-contracted for amongst various operators. Among these was the plaintiff who had taken a contract to supply a million. This arrangement was later upset by the departure of the contractor who absconded without making the payments to the sub-contractors. A new verbal agreement was then made to bridge the

difficulty between the plaintiff and the defendant company which was later repudiated by the company on the grounds that no contract existed, no written agreement having been made.

The trial of the action was heard before Mr. Justice Barry with a jury, but the plaintiff's claim was disallowed by His Honor although the jury assessed damages amounting to \$10,900. The case was then appealed before the Supreme Court of New Brunswick where this decision was upheld although Mr. Justice Crocket dissented. Later in November of 1922 the case was argued before the Supreme Court of Canada.

## Western Lumber Retailers Going To Coast

Arrangements for the Lumber Dealers' special train from Winnipeg to Vancouver have been completed, leaving Winnipeg January 28. The delegates to the annual convention of the Western Retail Lumbermen's Association will go over one system, returning over the other. Regina, Calgary, Edmonton, Nelson, Prince Rupert and Vancouver boards of trade have extended invitations to banquets at various points. The purpose of the excursion is to discuss the trend of prices and trade conditions for supplying the prairies with lumber this year. Two days will be spent in conference with representatives of the Pacific and Mountain Mill men.

There will be an enormous increase in volume of lumber consumed on the prairies this season, estimates by prominent retailers and jobbers are as high as one hundred and fifty million feet, but the consumers still owe twenty-five million dollars of old accounts on the prairies, and arrangements must be made to carry these over until next October, as well as supply new credits.

## Mr. Dick Declines Aldermanic Honors

Alex. Dick, manager of the Alfred McDonald Lumber Co., Limited, Peterboro, Ont., on nomination day had his name placed on the list for both the Board of Education and for aldermanic honors in Peterboro although he was away at the time paying a visit to the bush operations of the company. He was urged by a large number of citizens to allow his candidature to stand but had to decline. Mr. Dick is a very busy man at present and outside of his business activities, is vice-president of the Kiwanis Club and chairman of the Entertainment Committee of the Grand Encampment, I.O.O.F., which will meet in Peterboro this summer. Mr. Dick believes that the year upon which the lumber industry is just entering will be one of the best in the history of his firm,—at least that is the way it looks locally. The company have one camp in and a large number of jobbers and are bringing out as much timber as they can.

## How Homes Have Increased in Toronto

The year 1922 showed an increase of over fifty per cent. over the amount of building in 1921 in Toronto. The figures as received by the city architect's department show that buildings to the value of \$35,213,000 have received permits this year. In contrast to this is the permits totalling \$23,877,000 issued last year.

In brick dwellings alone there has been an increase of over six million dollars. The number for 1921 was 2,931, while 1922 has 4,654. The brick dwellings erected are of much the same class as last year, the majority running from \$4,200 to \$4,300 in value.

While Toronto homes have been increasing at a very rapid rate, the increase in the number of stores is even more startling. Last year 269 stores were erected, and this year 539, an increase of just over one hundred per cent.

## Why Have Railway Ties Changed Colour?

In an age of rapid changes even the railway tie has become different. Why are the ties, piled beside the track ready for installation in the roadbed, black instead of the customary natural colour of the wood?

The black appearance results from treatment with creosote oil, the object of which is to prevent decay and thus lengthen the service life of the ties. Just why or how the creosote treatment does this is, however, not generally understood. It is explained by the Forest Products Laboratories of Canada, Forestry Branch, Department of the Interior, where extensive research on the preservative treatment of timber has been conducted, that the decay of wood is due entirely to the action of low forms of plant life known as wood-destroying fungi. These fungi utilize the wood substance as food, destroying it in the process. The creosote oil, which is forced deeply into the wood by powerful pumps, poisons the food supply of the fungal plants, making it impossible for them to destroy the timber. As properly creosoted ties in a well-made track will last twice as long as untreated ones, it is certain that they will soon be in general use on all Canadian railways.



### He Specializes in Posts, Ties and Poles

J. Murdock, of Durham, Ont., is a widely-known lumberman in that part of Grey County, who has devoted all his life to the business, specializing in poles, posts and railway ties. He recalls many stirring reminiscences of his career, and a chat with him is most interesting.

Mr. Murdock was born in the village of Dornoch, some ten miles north of Durham, in the township of Glenelg, a little over forty years ago, and worked on a farm there. He did considerable logging in the winter time, and took out railway ties, cut posts, etc., in the bush. He broadened his experience by getting a job in saw-



Mr. and Mrs. J. Murdock and family,  
Durham, Ont.

mills at different localities, and some thirteen years ago secured a position as inspector for the C.P.R. of ties, posts, poles, etc. He was with the railway five years and then launched out into business on his own behalf in Durham where he carries a general line of lumber and shingles, poles, posts, coal, etc. During the past year he shipped out over fifty carloads of material from different points, and states that he has unloaded another fifty. Mr. Murdock looks forward to the coming year with considerable optimism.

### Mr. Brown Asks Some Perplexing Questions

Fred Brown, of Fort Frances, Ont., in a recent timely letter to the press on the protection, or rather lack of it, in connection with the forest resources of Canada, asks some pertinent questions which should set all Canadians not only thinking but acting.

Mr. Brown says:—

Is it true, or is it not true, that Canada denudes about 35,000 acres a month for pulpwood exports alone?

Is it true that the denudation of forest land for pulpwood exports in eight months up to November 30, to be precise, has reached an aggregate of 332,000 acres?

It is true, or is it not true, that in 1922 one million and one half acres of timber and pulpwood were destroyed by fires? This stupendous acreage concerns only Ontario, Quebec, New Brunswick and Nova Scotia. British Columbia, Alberta and Saskatchewan have had their fires, too, and it is known, perhaps not to Mr. Hall Caine, that one single conflagration in the Western Mountains made out of one million acres of splendid forest one million acres of stumps, windfalls and insect-breeding places.

Is it true, or is it not true, that in the Provinces of Ontario, Quebec, New Brunswick alone over two hundred million cords, or, approximately, 75,000,000 acres of pulpwood are destroyed and useless for manufacture by the budworm alone?

Does anybody in Ontario know the acreage of forest destroyed by primary fires, as well as fires in second growth? Does anybody, and by anybody I mean the Department of Forestry as well as foresters and laymen, know the value of potential timber wealth destroyed during the year 1922?

In view of these questions, I would like to ask another questions. Is it not high time to have a survey made of our burned-over forest land, so that the Department of Forests can evolve a sane and practicable working plan for reforestation? Truly the time is not far distant when the whole of Canada will be a forest bankrupt. It is unquestionably up to the various Governments (Pro-

vincial and Dominion as well) to see to it that Canada shall not share the fate of the Mediterranean countries and also of England. The history of these countries seems to prove that the gap in the local timber supply is never filled by private enterprise, in spite of the stimulus afforded by the high prices of wood goods.

### Lumber Industry Reports Prosperous Year

The production of both hard and softwood lumber in the United States for the year 1922 is placed by the National Lumber Manufacturers Association at approximately 32,000,000,000 board feet, as compared with the estimated output of 25,026,000,000 for 1921 and 33,798,800,000 feet for 1920 according to official statistics. While 1922 did not come up to the 1920 level, which marks the high point of production in recent years, it is considered to have been a creditable and satisfactory achievement in view of the extraordinary depression of the industry in 1921.

"The industry as a whole," says Wilson Compton, of Washington, D.C., Secretary and Manager of the Association, "is in an exceedingly favorable economic condition. Since November 1921, outside of the customary mid-winter drop in lumber shipments, there was until August of this year a steady reduction of stocks on hand, although production was heavy, and shipments, although substantially greater than production, fell continuously behind the volume of new business. Throughout the year the rate of accumulation of unfilled orders varied from four per cent. to fifteen per cent. of the current production. Since July irregularity and shortage of transportation have resulted in current shipments constantly falling below production. The result for this period was an extraordinarily depletion of stocks at mills favored by transportation and a large accumulation at some unable to secure adequate transportation service; and production has been constantly in excess of shipments. Employment has been virtually on a full time basis at somewhat increased pay, and the returns to mill owners have been satisfactory though happily unaccompanied by runaway market of price inflation at the mills. There is no present indication that the lumber situation in 1923 will not be as good as in 1922; on the other hand, there are many signs that it will be as good or better; and so far as fundamental conditions of supply and demand go, good for a number of years to come."

### Old Bogey of Lumber Tariff Once More

Negotiations have been opened through proper channels between the United States and Canada, so says a recent report from Washington, to consider whether and countervailing tariff duties may be placed in the United States on imports of Canadian lumber. At the same time, it was added, that President Harding has no propositions before him involving immediate alterations of present tariffs on the products.

Provisions of the Fordney Tariff Bill now in effect, it was said at the Tariff Commission, provide that the United States may place a tariff on certain types of lumber which now come in free, when produced in a country which puts a duty on similar products exported to it from the United States.

Canada was said to have a 25 per cent duty in effect on imports of the United States types of lumber in question and thus to have raised the question as to whether United States schedules should legally be raised to an equal amount.

### New Line of Foot Valves Put On

A new line of Foot Valves, as manufactured by The Smart-Turner Machine Co., Ltd., Hamilton, Ont., is shown by the accompanying illustrations. Fig. O-115 shows the screwed valve, up to and including six inch. The body of the valve is made extra large, so as to give an ample passage for the water past the valve when it



O-112



O-115

rises off its seat, and with the large valve body a greater area is obtained for the strainer.

In sizes of eight inch and larger, the design is as shown by Fig O-112, there being two leather faced flap valves mounted on a brass hinge pin. The valve is very simple, and gives good service.



### Activities of English Lake Lumber Co.

As announced in a recent issue of the "Canada Lumberman," the English Lake Lumber Co., Limited, lately purchased timber limits of about 110 square miles in area from Murray & Gregory, Limited, of St. John, N. B.

On the property at Lake Frontier, Que., is an up-to-date sawmill. The English Lake Lumber Co. intend operating this plant, sawing lumber, shingles, ties and pulpwood, while dressing facilities will also be available. The English Lake Lumber Co. will also build a mill at English Lake, Maine, where pails, tubs and boxes for the United States market will be manufactured. The boundary line between Quebec and Maine is only a very short distance from Lake Frontier.

The directors of the new company hold all the capital stock and consist of Chas. Bienvenu, president; B. C. Howard, vice-president; J. W. Bienvenu, treasurer; Chas. B. Howard, secretary; P. Bienvenu, manager.

Mr. Charles Bienvenu, president of the organization, is a resi-



Chas. Bienvenu, President,  
English Lake Lumber Co.



B. C. Howard, Vice-President  
English Lake Lumber Co.

dent of D'Israeli, Que., and has been in the pail and tub business all his life, having made a great success of this line. His son, Philippe, who is the manager of the English Lake Lumber Co., has had several years' experience in the lumber arena, having operated a mill of his own on the Gatineau River.

J. W. Bienvenu, treasurer of the company, is another son of Charles Bienvenu, who has had considerable insight into the manufacture of pails and will be placed in charge of the new pail mill at English Lake.

B. C. Howard, vice-president, of the company, and his son, C. H. Howard, secretary, reside in Sherbrooke, and are the owners of the B. C. Howard Co., Limited, who have large timber limits, together with an up-to-date band sawmill and dressing plant at Lake Frontier. They were the first to start a mill at that point and all kinds of lumber and pulpwood are dealt in. They have succeeded in building up a big business, Mr. Howard being identified with the lumber line for nearly thirty years.

The Bienvenu and the Howard families have known one another for many years and have done considerable business for a long period on a sound, friendly basis. All the members of the English Lake Lumber Co. are progressive business men, and backed by the practical knowledge and sane judgment, possessed by the officers, there is every reason to believe a bright future awaits this concern which is taking out 8,000,000 feet of logs this winter.

### Judgment Given in Lumbermen's Case

Mr. Justice Morrison, of Vancouver, has handed down judgment in the case of the Pioneer Lumber Company of Seattle vs. the Alberta Lumber Company of Vancouver.

The case, which is of unusual interest to lumbermen, was tried in Vancouver and was strenuously contested, both concerns being large and well known lumber dealers. Commission evidence was taken at Chicago, Fond du Lac, Wisconsin and Prince Rupert.

According to the judge's finding the dispute is apparently occasioned through a strange error, which presumably occurred in the lumber yards of the Alberta Lumber Company. The plaintiff ordered No. 3 common with clears all in. The cars of lumber at

Chicago were shown on commission evidence to contain box and shop lumber and worse. The point at issue, therefore, was the identity of the lumber. The plaintiff was able to prove by freight bills and car record sheets of Cook Lumber Company at Chicago the continuous identity of the lumber from the defendant's yards to the lumber yards of Cook Lumber Company at Chicago, who refused the lumber as being off grade. Defendants accordingly were held liable, the plaintiff having shifted the burden of where and how this inferior lumber became loaded in the car invoiced to the plaintiff. The case was further complicated by the fact that there was a substituted bill of lading issued to replace the original bill of lading, the car having been sold in transit. The judgment is for \$1,058.39 and costs.

### Eastern Lath Not so Firm in Price

Prices in the United States market for lath have suffered considerable of a slump the past few days which, it is feared, may have some effect upon the volume of production in New Brunswick, says a recent report from the East.

Local lumber firms engaged in the lath trade said to-day that prices at Boston had slumped to \$7.50 per thousand, which meant that about the best which laths would now net local shippers was \$5. Recently \$6.75 and as high as \$7 were netted to shippers, but during the holiday season the market has been sagging and recently has come down with more or less of a thud.

It was explained that at this season prices for laths were expected to sag somewhat. Building operations naturally ease off considerably at this time, there is a tendency for all such markets to sag during the holiday period when stocks pile up and little work is going on; about the first of April, when building operations are expected to become brisk once more, it may be that the lath market will "come back" again.

### National Wholesalers Annual in Pittsburgh

Plans are progressing in connection with the Thirty-first Annual Meeting of the National Wholesale Lumber Dealers Association to be held at the William Penn Hotel, Pittsburgh, Pa., Wednesday and Thursday, March 21st and 22nd, 1923. The program for the Convention is in charge of a committee consisting of:

W. H. Schuette, president, Pittsburgh, Pa. C. A. Goodman, Sawyer-Goodman Co., Marinette, Wis. Dan. McLachlin, McLachlin Bros. Ltd., Arnprior, Ont. J. W. McClure, Bellgrade Lumber Co., Memphis, Tenn. F. R. Babcock, Babcock Lumber Co., Pittsburgh, Pa.

The Pittsburgh Wholesale Lumber Dealers Association will act as host during the convention, and a committee of that Association has been appointed to look after entertainment and other arrangements of a local color. This committee consists of: J. B. Montgomery, chairman, Alex. Wilson, R. B. Allen, C. V. McCreight, E. H. Stamm and J. G. Criste.

This will be the first meeting of the Association to be held in Pittsburgh for a number of years, and those who recall that city's reputation for entertaining lumbermen will know that no effort will be spared to make this coming convention one of the most successful in the history of the organization.

### Midwinter Calm in the Lumber Trade

The holiday week in the lumber industry was characteristic of the period in this industry in the low level of production, which fell to less than 116,000,000 feet for the mills reporting to the National Lumber Manufacturers Association, Washington, as compared with a peak production in October of 260,000,000 feet. But bottom was found somewhat sooner than in the corresponding week of 1921, when production was only 103,000,000. Although orders and shipments also sag sharply at this time, it is the custom of the trade to ease off production regardless of the market in deference to the vacation spirit of employees and the need for repairs and alterations in the mills. Thus, while production declined more than 58,000,000 feet as compared with the preceding week, itself a low week, shipments declined only 35,000,000 feet and orders 38,000,000.

Stated in percentages, shipments for all reporting mills were 150 per cent and orders 145 per cent of current production. For Southern Pine mills the percentages were 142 and 126, respectively; and for the West Coast mills 171 and 175. That the let-up for the holiday week this year was greater than usual—due doubtless to the high pressure under which the mills have been operating for a long period—is indicated by the reports from the 344 mills that have a normal production figure for the week; actual production for them being only 51 per cent of normal, shipments 77 and orders 76 per cent of normal production.



## The Effect of Growth Rate on the Strength of Softwood Timber

(Continued from page 34)

- (4) The optimum growth-rate may be quite different in different softwood species.
- (5) Softwoods, such as Douglas fir, larch, and certain hard pines, which have a high proportion of hard summerwood, have an optimum rate of growth which is more rapid than the optimum rate for such woods as spruce, balsam fir and white pine which have less conspicuous summerwood.
- (6) The falling-off in strength due to very slow growth is less than the reduction due to very rapid growth.

La Compagnie Frank Blais, Limited, Amos, Abitibi district, Quebec, is a new enterprise incorporated to manufacture and deal in lumber, pulpwood and ties.

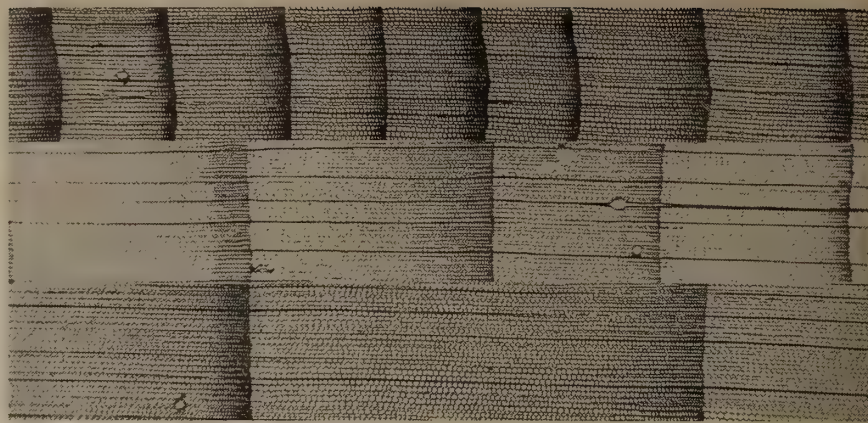


Fig. 7 Transverse sections of spruce (magnified) slow, medium and fast growth

# What the Lumber Trade is Doing in Canada

Sir William Price has been elected a director of the Montreal Trust Company.

Colin C. Tyrer, of Halifax, N. S., was a recent visitor to Montreal.

George Asselin, Coteau Station, Que., is putting in the foundations for a new sash and door plant which will cost about \$5,000.

La Compagnie V. Lemay, Limited, St. Jean Deschaillons, Que., is a new firm with a provincial charter to manufacture boxes, baskets, handles and other wood products. Capital \$10,000.

Hugh H. Reid, of the sales staff of Laminated Materials, New Westminster, B. C., is on a business trip to Montreal, Toronto and other cities in the East.

W. W. Carter, president of the Fesserton Timber Co., Toronto, who has been confined to the house for some weeks owing to an attack of neuritis, is able to be around again.

Lois River Pulp & Lumber Co., Quebec, Que., was recently incorporated to manufacture and market lumber and pulpwood. Capital \$49,000. Two of the incorporators are E. P. Cleary of Sillery, Que., and E. W. Charlton of Outremont, Que.

J. A. Carriere & Co., Casselman, Ont., lumber dealers, have extended their operations and are now in a position to undertake building contracting in connection with their well established lumber business.

The ratepayers of Brampton, Ont., recently authorized a loan of \$20,000 and a fixed assessment of \$10,000 for ten years to the McIlroy Belting & Hose Co., of Hammond, Ind. The American firm are contemplating the erection of a \$20,000 plant in Brampton, to manufacture all kinds of machinery belting and rubber products.

The Soo Lumber Co., Sault St. Marie, Ont., have started the work of remodelling their office and are also making preparations for the erection of a two storey, 21 x 80, tile and brick warehouse. The two items will cost about \$8,000 and the northern lumber firm expect to have their premises, second to none in appearance when the job is completed.

A Toronto lumberman who visited several camps in Haliburton, Hastings and Frontenac districts, states that the quantity of lumber being taken out this season is considerably larger than last year. Many portable mills are operating and producers are very firm in getting the price they have placed upon their product. They are receiving many inquiries for stock.

Eastern representatives of British Columbia mills have received word that a new price list is taking effect at once. There is an advance from 50 cents to \$5.00 on all grades of western forest products, clears being up the most. Mill stocks in many cases are very low and the American market is reported to be exceptionally firm and insistent in demand.

Toronto lumber delegates to the Canadian Lumbermen's Association which will be held in Montreal on Wednesday and Thursday, January 24th and 25th, will leave Toronto by the Canadian National on the night of Tuesday, January 23rd. Arrangements for berths, transportation, etc., are in the hands of D. C. Johnston, Frank H. Harris and Roy Halliday with whom all intending visitors to the convention should communicate.

The Donnacona Paper Co., who operates a large newsprint mill at Donnacona, near Quebec, has an output of 100 tons a day and intends extending during the coming season. Production will be doubled by the addition of new machines and extra equipment in the groundwood department. It is expected that the new installa-

tions will be in shape and operating by this time in 1924. The new paper machine will, it is said, be the widest in the world, rivalling those which were installed some months ago at Iroquois Falls by the Abitibi Power & Paper Co.

Thomas A. Wark, who was recently elected a director of the St. Maurice Paper Co., was for six years superintendent of the Finch & Pruyn Paper Co., of Glens Falls, N.Y. He is a practical papermaker and operated the Tidewater Paper Mills at Brooklyn, N.Y. and also the newsprint and kraft plants of the St. Maurice Co. at Cap de la Madeleine, Que.

A timber berth offered for sale recently in New Westminster, B.C., proved too big a proposition to be handled at the present time, and remains unsold. It was put up at auction by Crown Timber Agent Ed. Walmsley, but no bids were received. The berth in question, No. 590, situated on the east side of Stave Lake, is 2,462 acres in extent, and the upset price was something over \$83,000. It is the biggest limit in point of value ever offered for sale in the railway belt.

With the granting by Order-in-Council of \$10,000 each to Mr. Justice Riddell and to Mr. Justice Latchford, the Ontario Government has finally closed the accounts of its Timber Inquiry Commission. The remuneration just allowed augments the sums of \$2,000 each which the judges in the probe had already received, and it swells the total of the cost of the adjudicators alone to the substantial figure of \$24,000. This payment, it is stated at the Parliament Buildings, Toronto, is the last one which will be made on account of the timber investigation.

Frederick Chase, field manager of the timber interests of the big contracting firm of Foley, Welsh & Stewart, was in Edmonton recently, having come down from the north and brought the information that his company would erect a pulp mill valued at \$3,000,000 in the Grand Prairie country, provided suitable freight rates could be obtained for the E.D. & B.C. Railway which would allow them to compete with other plants in the West. Mr. Chase states that if the timber lying south of the territory which they are seeking, is granted, Foley, Welsh & Stewart will erect mills capable of shipping out 5,000 cars of pulp annually while the enterprise will give employment to hundreds of men.

## Busy Week in Paper and Lumber Circles

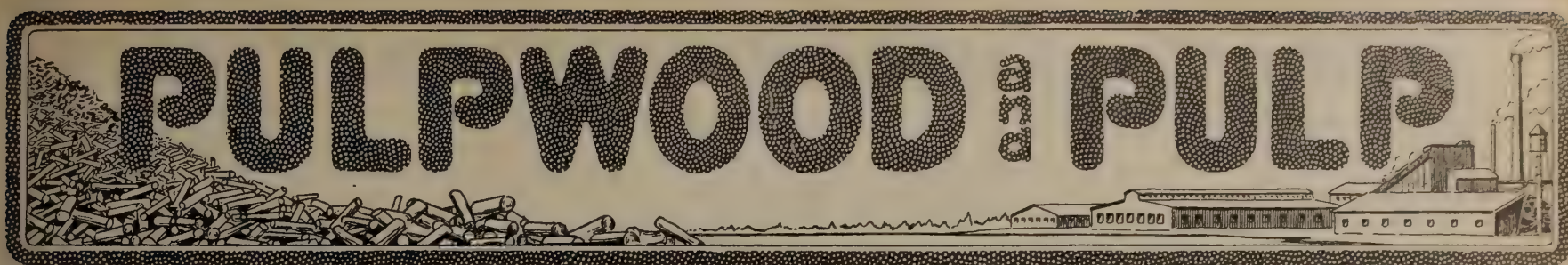
The week of January 21-27 will be a very busy period in Montreal for the lumber, pulp and paper and allied industries. In addition to the Canadian Lumbermen's Convention, and the meetings of the Canadian Pulp & Paper Association, the Quebec Forest Protective Association will hold its annual meeting on January 23rd at the Mount Royal Hotel. Quite an extensive programme has been prepared, involving two sessions. Mr. S. L. de Carteret will preside.

The following is an outline of the programme:—Our Forests: Hon. Honore Mercier, Minister of Lands and Forests, Quebec. Why is forest protection necessary? (a) From the Forester's Point of View:—Dr. C. D. Howe, Dean, Faculty of Forestry, University of Toronto. (b) From the Operator's Point of View:—R. F. Kernan, Manager Donnacona Paper Co. (c) From the Public Point of View:—Prof. Stephen Leacock, McGill University.

Discussion: Co-operative Forest Protection:—E. T. Allen, Forester, Western Forestry and Conservation.

Discussion: Wireless Telephony:—Description and demonstration of apparatus as practicable and valuable for forest protection:—R. B. Adams, U. S. A. Forest Service.





### Says Paper Association Must Broaden Out

The annual meeting of the Canadian Pulp & Paper Association will be held at the Ritz Carleton Hotel, Montreal, on Friday, January 26th. George M. McKee is the retiring president and it is expected that he will be succeeded by H. F. E. Kent, of Toronto.

Edward Beck, manager of the Association, says that the forthcoming gathering will be an epoch-making one. The organization is facing a situation wherein it must either broaden out its general policy or decide to continue as it is. There is a strong move for the widening out of the Association and a series of meetings will decide whether this is to prove successful, or not.

During the past ten years, said Mr. Beck, the work of the Association had been principally devoted to matters strictly connected with the advancement of trade among its members. This would, of course, continue, but the new movement was toward enlarging this activity along the lines of industrial research.

### Port Arthur Operators Get Berths

Port Arthur operators were successful tenderers on two of the three timber berths disposed of by the Provincial Department of Lands and Forests in Toronto lately. They are the Newago Company, Ltd., and J. O. Stewart, who receive three and six mile allotments, respectively. Prices on all three timber berths are said by departmental officials to be very satisfactory.

The Newago Company, Port Arthur, secured three square miles of pine timber on portions of Concessions 5, 6 and 7, in Lyon township, Thunder Bay. Their bid was accompanied by a marked cheque for \$700. They tendered \$12 plus \$2.50 for pine, 20 cents plus 10 cents for ties, and Crown dues (25 cents) for fuel wood.

Six square miles of territory adjacent to the Grand Trunk Pacific, east of Horne, was secured by J. O. Stewart, Port Arthur, whose tender was accompanied by marked cheque for \$500. For pine he pays \$6 plus \$2.50; spruce, poplar or basswood, \$4 plus \$2; for timber \$2.50 plus \$1.50; spruce pulpwood 20 cents plus 80 cents; other pulp 60 cents plus 40 cents; ties 4 cents plus 10 cents; fuel wood 25 cents plus 25 cents.

The Border Lumber Company, Fort Frances, was the third successful tenderer, securing three miles north of the Indian Reservation, north of Douglas Island, in the Rainy River district.

### Mill Production Suffers From Low Water

George Oberton, of Canton, N. Y., in a recent letter to the "Canada Lumberman," says that approximately all the pulp and paper mills in Northern New York are running just at present below normal capacity on account of low water. Somewhere in the neighborhood of 80 mills have been affected by this condition. During the first week in January cutting and skidding of logs in the Adirondacks ceased as the majority of lumbermen were waiting for snow.

### Quebec Firms Have Faith in Future

Those who own pulpwood limits or deal in pulpwood will be interested in the latest developments of the newsprint industry. Canada is making a strong bid for this business in all parts of the world, and at the present rate of expansion will soon overtake the U. S. as a producer of newsprint. It remains to be seen whether the Dominion is not overdoing it, and whether the output of the new mills and of the extensions to existing plants will not result in a larger tonnage than can be absorbed. One idea is that owing to the growing scarcity of pulpwood, many U. S. newsprint mills will be forced to go into other lines of paper-making and that the trade of these converting mills will come to this country.

Two large Canadian companies—the Donnacona Paper Co., and Price Bros., Limited, announce programmes of enlarged production. The first-named has ordered a very wide paper machine, which will be made in England, while Price Bros., will increase their capacity from 300 tons per day to 900 tons per day, or 280,000 tons per annum,

the largest production in Canada. The increased output will be gradual and will not reach the peak until 1926. This is the corollary of the proposed development of the power resources of Lake St. John and the Saguenay River, which it is estimated will result in a saving to the company of a million dollars per annum, by the substitution of electricity for coal. The company's limits are estimated to contain about 20,000,000 cords of pulpwood.

There are projects for other mills, but the action of Price Bros., and other large companies may have a restraining influence on capitalists who are interested in promoting new mills. It is evident that Price Bros., and the Donnacona Co., and others who intend to extend their plants have great faith in the future of the Canadian pulp and paper industry.

### Fire Visits Plant of Spruce Falls Co.

Owing to spontaneous combustion in the chip bins at the digester building of the Spruce Falls Co., at Kapuskasing, Ont., on January 7th, two men lost their lives and considerable property damage was done. The citizens fought the flames for twelve hours in 46 below zero weather. The new sulphite pulp plant of the company, which had been erected at a cost of millions of dollars had only been in operation about a month.

The men who lost their lives were R. E. Doherty, of Ashland, Wis., superintendent of power, and William Shingo, of Oshkosh, Wis., expert acid maker. They had taken up their position on top of the chip bins and were fighting the flames when they were engulfed in a sea of flames and smoke. The remains showed that they had died of asphyxiation. It was only through the good water-works system and the heroic efforts of citizens that the adjacent buildings of the company were saved.

Operations will partially cease for some time until repairs are completed.

The output of the Spruce Falls Co., of which S. J. Sensenbrenner, of Neenah, Wis., is president, S. A. Mundy, vice-president and J.C. Kimberly, secretary, is 120 tons of sulphite pulp per day.

### Wayagamack Company Had Good Year

The Wayagamack Pulp & Paper Co., whose plant is at Three Rivers, Que., is now in a comfortable working position and during the past year good profits were shown, according to the annual report which was presented at a meeting held in Montreal recently. The report shows a net improvement of more than half a million dollars' profits over the preceding year. The profit for the period under review having been \$373,030 as compared with an operating loss of \$156,712 during the 1921 period. A striking feature of the statement is the transformation in the company's balance sheet brought about chiefly through giving effect to the \$1,374,500 bond issue of last spring, this resulting in betterment to the extent of over 150 per cent. in working capital position.

Provision for bond interest of \$260,854 bond discount of \$10,000, depreciation of \$160,000 and stumpage dues of \$50,068 leaves a deficit for the year of \$108,892, as compared with a deficit of \$807,640 in the previous year, during which, however, dividends amounting to \$150,000 were paid, and stumpage dues amounted to \$120,928. Last year's deficits brings the profit and loss balance down to \$901,922, nearly a million less than at the end of 1920.

The balance sheet portion of the exhibit shows the company to be in a much more comfortable working capital position than was the case the previous year. Loans secured by pulp wood and other securities disappear in the 1922 report as do also bills payable on limits to the amount of \$100,000 and another item of \$200,000 representing bills payable on limits secured by bonds. A loan of \$600,000, which was secured by \$1,000,000 of the company's bonds, has also been eliminated. On the other hand the company is a borrower at the banks to the extent of \$425,000; cash at \$69,733 compared with \$66,202. Accounts receivable are up from \$679,872 to \$856,901. An item of \$23,777 representing investments is wiped out, while inventories are down to \$1,528,515, as compared with \$2,797,906.



# CURRENT LUMBER PRICES—WHOLESALE

## TORONTO

(In Car Load Lots, F.O.B. cars Toronto)

### White Pine

1 x 4/7 Good Strips	\$110.00	\$115.00
1 1/4 & 1 1/2 x 4/7 Good Strips	125.00	130.00
1 x 8 and up Good Sides	150.00	160.00
2 x 4/7 Good Strips	130.00	140.00
1 1/4 & 1 1/2 x 8 and wider Good Sides	185.00	190.00
2 x 8 and wider Good Sides	190.00	200.00
1 in. No. 1, 2 and 3 cuts	75.00	80.00
5/4 and 6/4 No. 1, 2 and 3 cuts	90.00	95.00
2 in. No. 1, 2 and 3 cuts	105.00	110.00
1 x 4 and 5 Mill Run	52.00	53.00
1 x 6 Mill Run	54.00	55.00
1 x 7, 9 and 11 Mill Run	52.00	53.00
1 x 8 Mill Run	55.00	56.00
1 x 10 Mill Run	57.00	60.00
1 x 12 Mill Run	64.00	66.00
5/4 and 6/4 x 5 and up Mill Run	59.00	61.00
2 x 4 Mill Run	53.00	54.00
2 x 6 Mill Run	55.00	56.00
2 x 8 Mill Run	57.00	58.00
2 x 10 Mill Run	59.00	61.00
2 x 12 Mill Run	65.00	67.00
1 in. Mill Run Shorts	33.00	34.00
1 x 4 and up 6/16 No. 1 Mill Culls	31.00	33.00
1 x 10 6/16 No. 1 Mill Culls	36.00	37.00
1 x 12 6/16 No. 1 Mill Culls	36.00	37.00
1 x 4 and up 6/16 No. 2 Mill Culls	24.00	25.00
1 x 10 12 6/16 No. 2 Mill Culls	29.00	30.00
1 x 4 and up 6/16 No. 3 Mill Culls	17.00	18.00

### Red Pine

(In Car Load Lots, F.O.B. Toronto)

1 x 4 and 5 Mill Run	36.00	37.00
1 x 6 Mill Run	38.00	39.00
1 x 8 Mill Run	40.00	41.00
1 x 10 Mill Run	45.00	47.00
2 x 4 Mill Run	38.00	39.00
2 x 6 Mill Run	38.00	39.00
2 x 8 Mill Run	40.00	41.00
2 x 10 Mill Run	44.00	45.00
2 x 12 Mill Run	47.00	48.00
1 in. Clear and Clear Face	75.00	76.00
2 in. Clear and Clear Face	80.00	82.00

### Jack Pine

Mill Run (mill culls and dead culls out)		
2 x 4	35.00	36.00
2 x 5, 2 x 6	35.00	36.00
2 x 8	39.00	40.00
2 x 10	42.00	44.00
1 x 4 and wider	34.00	36.00
Mill Culls and Sound Wormy		
1 x 4 and wider	29.00	31.00
2 x 4 and wider	29.00	31.00

### Spruce

Mill Run (mill culls and dead culls out)		
1 x 4, and 5	\$36.00	\$37.00
1 x 6	37.00	38.00
1 x 8	39.00	40.00
1 x 10	42.00	43.00
1 x 12	47.00	48.00
2 x 4	36.00	37.00
2 x 6	38.00	39.00
2 x 8	40.00	41.00
2 x 10	44.00	45.00
2 x 12	48.00	49.00

### Mill Culls

1 x 4 and up No. 1	28.00	30.00
2 x 4 and up No. 1	29.00	31.00

### Hemlock (M R)

(In Car Load Lots, F.O.B. Toronto)

1 x 4 and 5 in. x 9 to 16 ft.	\$26.00	\$27.00
1 x 4 in. x 9 to 16 ft.	34.00	35.00
1 x 8 in. x 9 to 16 ft.	35.00	36.00
1 x 10 and 12 in. x 9 to 16 ft.	37.00	38.00
1 x 7, 9 and 11 in. 9 to 16 ft.	34.00	35.00
2 x 4 to 12 in. 10/16 ft.	35.00	36.00
2 x 4 to 12 in. 18 ft.	40.00	41.00
2 x 4 to 12 in. 20 ft.	41.00	42.00
1 in. No. 2, 6 ft. to 16 ft.	25.00	27.00

### Fir Flooring

(In Car Load Lots, F.O.B. Toronto)

Fir flooring, 1 x 3 and 4", No. 1 and 2 Edge Grain	\$73.00	
Fir flooring, 1 x 3 and 4", No. 1 and 2 Flat Grain	\$53.00	
1 x 4 to 12 No. 1 and 2 Clear Fir, Rough	81.50	
1 1/4 x 4 to 12 No. 1 and 2 Clear Fir, Rough	85.50	
2 x 4 to 12 No. 1 and 2 Clear Fir, Rough	81.50	
3 & 4 x 4 to 12 No. 1 & 2 Clear Fir, Rough	89.50	
1 x 4, 5 and 6 in. Fir Casing	81.75	
1 x 8 and 10 Fir Base	86.25	

1 1/4 and 1 1/2 8, 10 and 12 in. E.G. Stepping	97.25
1 1/4 and 1 1/2 8, 10 and 12 in. F.G. Stepping	87.25
1 x 4 to 12 Clear Fir, D4S	80.25
1 1/4 and 1 1/2 x 4 to 12 Clear Fir, D4S	84.00
XX Shingles, 6 butts to 2", per M.	3.50
XXX Shingles, 6 Butts to 2" per M.	5.15
XXXXX Shingles, 5 butts to 2" per M.	6.05
<b>Lath</b>	
(F.O.B. Mill)	
No. 1 White Pine	\$11.00
No. 2 White Pine	10.00
No. 3 White Pine	8.00
Mill Run White Pine, 32 in.	4.00
Merchantable Spruce Lath, 4 ft.	7.00

## TORONTO HARDWOOD PRICES

The prices given below are for car loads f.o.b. Toronto, from wholesalers to retailers, and are based on a good percentage of long lengths and good widths, without any wide stock having been sorted out.

### Ash, White

(Dry weight 3,800 lbs. per M. ft.)

	1s & 2s	No. 1 Com.	No. 2 Com.
1"	\$105.00	\$ 70.00	\$ 45.00
1 1/4 and 1 1/2"	115.00	75.00	50.00
2 1/2 and 3"	130.00	90.00	60.00
4"	155.00	100.00	65.00

### Ash, Brown

	1s & 2s	No. 1 Com.	No. 2 Com.
1"	\$105.00	\$ 60.00	\$ 40.00
1 1/4 and 1 1/2"	110.00	65.00	42.00
2"	120.00	70.00	45.00

### Birch

(Dry weight 4,000 lbs. per M. ft.)

	1s & 2s	Sels.	No. 1 Com.	No. 2 Com.
4/4	\$120.00	\$ 75.00	\$ 50.00	\$ 30.00
5/4	125.00	80.00	50.00	32.00
6/4	125.00	80.00	50.00	32.00
8/4	128.00	87.00	60.00	38.00
12/4	130.00	95.00	65.00	45.00
16/4	135.00	110.00	80.00	50.00

### Basswood

(Dry weight 2,500 lbs. per M. ft.)

	1s & 2s	No. 1 Com.	No. 2 Com.
4/4	\$80.00	\$55.00	\$30.00
5/4 and 6/4	85.00	60.00	35.00
8/4	90.00	60.00	30.00

### Chestnut

(Dry weight 2,800 lbs. per M. ft.)

	1s & 2s	No. 1 Com.	Sound Wormy
1"	\$140.00	\$ 81.00	\$ 37.00
1 1/4 to 1 1/2"	150.00	95.00	39.00
2"	160.00	105.00	40.00

### Maple, Hard

(Dry weight 4,000 lbs. per M. ft.)

	F.A.S.	Sels.	No. 1 Com.	No. 2 Com.
4/4	\$ 90.00	\$70.00	\$50.00	\$30.00
5/4	95.00	75.00	55.00	30.00
6/4	95.00	75.00	55.00	30.00
8/4	100.00	80.00	65.00	35.00
12/4	115.00	90.00	70.00	45.00
16/4	130.00	95.00	80.00	50.00

### Elm, Soft

(Dry weight 3,000 lbs. per M. ft.)

	1s & 2s	No. 1 Com.	No. 2 Com.
4/4	\$ 80.00	\$55.00	\$30.00
8/4	90.00	65.00	35.00
12/4	110.00	80.00	50.00

### Gum, Red

(Dry weight 3,300 lbs. per M. ft.)

	—Plain—		—Quartered—	
	1s & 2s	No. 1 Com.	1s & 2s	No. 1 Com.
1" . . . . .	\$125.00	\$78.00	\$135.00	\$ 90.00
1¼" . . . .	130.00	83.00	140.00	95.00
1½" . . . .	130.00	83.00	140.00	95.00
2" . . . . .	135.00	88.00	145.00	100.00

## Gum, Sap

	1s & 2s	No. 1 Com.
1"	\$70.00	\$55.00
1 1/4 and 1 1/2"	74.00	58.00
2"	80.00	65.00

## Hickory

(Dry weight 4,500 lbs. per M. ft.)

	1s & 2s	No. 1 Com.
1"	\$125.00	\$70.00
1 1/4"	145.00	70.00
1 1/2"	145.00	75.00
2"	150.00	80.00

## Quarter Cut Red Oak

	1s & 2s	No. 1 Com.
4/4	\$145.00	\$85.00
5/4 and 6/4	150.00	90.00
8/4	160.00	95.00

## Plain White and Red Oak

(Plain sawed. Dry weight 4,000 lbs. per M. ft.)

	1s & 2s	No. 1 Com.
4/4	\$135.00	\$80.00
5/4 and 6/4	145.00	90.00
8/4	160.00	95.00
10/4	170.00	100.00
12/4	175.00	105.00
16/4	185.00	110.00

## White Oak, Quarter Cut

(Dry weight 4,000 lbs. per M. ft.)

	1s & 2s	No. 1 Com.
4/4	\$155.00	\$ 90.00
5/4 and 6/4	165.00	95.00
8/4	170.00	100.00

## OTTAWA

### Manufacturers' Prices

#### Pine

Good sidings:	
1 in. x 7 in. and up	\$130.00
1 1/4 in. and 1 1/2 in. 8 in. and up	\$165.00
2 in. x 7 in. and up	165.00
No. 2 cuts 2 x 8 in. and up	85.00

#### Good strips:

1 in.	110.00
1 1/4 in. and 1 1/2 in.	120.00
2 in.	130.00

#### Good shorts:

1 in. x 7 in. and up	100.00
1 in. 4 in. to 6 in.	80.00
1 1/4 in. and 1 1/2 in.	100.00
2 in.	110.00

7 in. to 9 in. A sidings	54.00	56.00
No. 1 dressing sidings	70.00	74.00
No. 1 dressing strips		62.00
No. 1 dressing shorts	50.00	53.00

1 in. x 4 in. s.c. strips	50.00
1 in. x 5 in. s.c. strips	50.00
1 in. x 6 in. s.c. strips	54.00

1 in. x 7 in. s.c. strips	54.00
1 in. x 8 in. s.c. strips, 12 to 16 ft.	55.00
1 in. x 10 in. M.R.	60.00

S.C. sidings, 1 1/2 and 2 in.	62.00
S.C. strips 1 in.	56.00
1 1/4, 1 1/2 and 2 in.	55.00

S.C. shorts, 1 x 4 to 6 in.	40.00
S.C. and bet., shorts, 1 x 5	38.00
S.C. and bet., shorts, 1 x 6	40.00
S.C. shorts, 6-11 ft., 1 x 10 in.	48.00

#### Box boards:

1 in. x 4 in. and up, 6 ft.-11 ft.	32.00
1 in. x 3 in. and up, 12 ft.-16 ft.	36.00

Mill cull shorts, 1 in. x 4 in. and x 4 in. and up, 12 ft. and up	28.00
Mill culls, strips and sidings, 1 in. up, 6 ft. to 11 ft.	24.00

O. culls r. and w p	21.00
---------------------	-------

## Red Pine, Log Run

Mill Culls out, 1 in. ....	34.00
Mill culls out, 1¼ in. ....	34.00
Mill culls out, 1½ in. ....	34.00
Mill culls out, 2 in. ....	34.00
Mill culls, white pine, 1 in. x 7 in. and up .....	30.00 32.00

## Mill Run Spruce

1 in. x 4 in. and up, 6 ft.-11 ft. ..	28.00
1 in. x 4 in. and up, 12 ft.-16 ft. 35.00	37.00



# CURRENT LUMBER PRICES—WHOLESALE

1" x 9"-10" and up, 12 ft.-16 ft. . .	43.00
1 1/4" x 7, 8 and 9" up, 12 ft.-16 ft. . .	40.00
1 1/4" x 10 and up, 12 ft.-16 ft. . . . .	43.00
1 1/2" x 12" x 12" and up, 12'-16'	50.00
Spruce, 1 in. clear fine dressing and B	65.00
Hemlock, 1 in. cull . . . . .	22.00
Hemlock, 1 in. log run . . . . .	24.00
Hemlock, 2 x 4, 6, 8, 10 12/16 ft. . .	28.00
Tamarac . . . . .	25.00
Basswood, log run, dead culls out . . .	45.00
Basswood, log run, mill culls out . . .	50.00
Birch, log run . . . . .	60.00
Soft Elm, common and better, 1, 1 1/2, 2 in. . . . .	58.00
Ash, black, log run . . . . .	62.00
1 x 10 No. 1 barn . . . . .	57.00
1 x 10 No. 2 barn . . . . .	51.00
1 x 8 and 9 No. 2 barn . . . . .	47.00

<b>Lath per M.:</b>	
No. 1 White Pine, 1 1/4 in. x 4 ft. . . .	11.00
No. 2 White Pine . . . . .	10.00
Mill run White Pine . . . . .	8.00
Spruce, mill run, 1 1/2 in. . . . .	9.00
Red Pine, mill run . . . . .	7.00
Hemlock, mill run . . . . .	6.00

<b>White Cedar Shingles</b>	
XXXX, 18 in. . . . .	7.00
Clear butt 18 in. . . . .	6.00
18 in. XX . . . . .	4.00

## QUEBEC

### White Pine (At Quebec)

	Cts.	Per Cubic Ft.
First class Ottawa waney, 18 in. average according to lineal . .	100	110
19 in. and up average . . . . .	110	120

### Spruce Deals (At Mill)

3 in. unsorted, Quebec, 4 in. to 6 in. wide . . . . .	\$20.00	\$22.00
3 in. unsorted, Quebec, 7 in. to 8 in. wide . . . . .	24.00	25.00
3 in. unsorted, Quebec, 9 in. wide . .	30.00	35.00

### Oak

#### (At Quebec)

	Cts.	Per Cubic Ft.
According to average and quality, 55 ft. cube . . . . .	125	130

### Elm

#### (At Quebec)

According to average and quality, 40 to 45 ft. cube . . . . .	130	140
According to average and quality, 30 to 35 ft. . . . .	100	125

### Export Birch Planks

#### (At Mill)

1 to 4 in. thick, per M. ft. . . . .	\$30.00	\$35.00
--------------------------------------	---------	---------

## ST. JOHN, N.B.

(From Yards and Mills—Wholesale)

### Rough Lumber

2x3, 2x4, 3x3, 3x4, Rgh. Merch. Spr. .	\$25.00
2x3, 2x4, 3x3, 3x4, Dressed 1 edge. .	26.00
2x3, 2x4, 3x3, 3x4, Dressed 4 sides .	32.00
2x6, 2x7, 3x5, 4x4, 4x6, all rough . .	26.00
2x8, 3x7, 5x5, 6x6. . . . .	32.00 to 35.00
2x9, 3x8, 6x8, 7x7. . . . .	36.00
2x10, 3x9. . . . .	38.00
2x12, 3x10, 3x12, 8x8 and up . . . . .	27.00
Merch. Spr. Bds. Rough, 1x3-4&5 . . .	26.00
Merch. Spr. Bds. Rough, 1x7 & up. . .	40.00
Refuse Bds., Deals and Setgs. . . . .	20.00
Above Random lengths up to 18-0 long.	
Lengths 19-0 and up \$5.00 extra per M.	
For planing Merch. and Refuse Bds. add \$2.00 per M. to above prices.	
Laths, \$6.00.	

### Shingles

	Per M.
Cedar, Extras . . . . .	\$5.75
Cedar, Clears . . . . .	4.75
Cedar, 2nd Clears . . . . .	3.75
Cedar, Extra No. 1 . . . . .	2.25
Spruce . . . . .	3.25

## SARNIA, ONT.

### White Pine—Fine, Com. and Better

1 x 6 and 8 in. . . . .	\$120.00
1 in., 8 in. and up wide . . . . .	135.00
1 1/4 and 1 1/2 in. and up wide . . . . .	180.00
2 in. and up wide . . . . .	180.00

### Cuts and Better

4/4 x 8 and up No. 1 and better . . . .	135.00
5/4 and 6/4 and up No. 1 and better . .	152.00
8/4 and 8 and up No. 1 and better . . .	152.00

### No. 1 Cuts

1 in. 8 in. and up wide . . . . .	115.00
1 1/4 in., 8 in. and up wide . . . . .	125.00
1 1/2 in., 8 in. and up wide . . . . .	125.00
2 in., 8 in. and up wide . . . . .	130.00
2 1/2 in. and 3 in., 8 in. and up wide . .	175.00
4 in., 8 in. and up wide . . . . .	185.00

### No. 1 Barn

1 in., 10 to 16 ft. long . . . . .	\$ 75.00	\$ 85.00
1 1/4, 1 1/2 and 2 in., 10/16 ft. . . . .	80.00	85.00
2 1/2 to 3 in., 10/16 ft. . . . .	85.00	100.00

### No. 2 Barn

1 in., 10 to 16 ft. long . . . . .	65.00	75.00
1 1/4, 1 1/2 and 2 in., 10/16 ft. . . . .	66.00	66.00
2 1/2, 1 1/2 and 3 in. . . . .	85.00	85.00

### No. 3 Barn

1 in., 10 to 16 ft. long . . . . .	48.00	55.00
1 1/4, 1 1/2 and 2 in., 10/16 ft. . . . .	50.00	56.00

### Box

1 in. 1 1/4 and 1 1/2 in. 10/16 ft. . . .	32.00	35.00
---	-------	-------

### Mill Culls

Mill Run Culls—	
1 in., 4 in. and up wide, 6/16 ft. . . .	26.00
1 1/4, 1 1/2 and 2 in. . . . .	27.00

## BUFFALO and TONAWANDA

### White Pine

#### Wholesale Selling Price

Uppers, 4/4 . . . . .	\$225.00
Uppers, 5/4 to 8/4 . . . . .	225.00
Uppers, 10/4 to 12/4 . . . . .	250.00
Selects, 4/4 . . . . .	200.00
Selects, 5/4 to 8/4 . . . . .	200.00
Selects, 10/4 to 12/4 . . . . .	225.00
Fine Common, 4/4 . . . . .	155.00
Fine Common, 5/4 . . . . .	170.00
Fine Common, 6/4 . . . . .	170.00
Fine Common, 8/4 . . . . .	170.00
No. 1 Cuts, 4/4 . . . . .	120.00
No. 1 Cuts, 5/4 . . . . .	130.00
No. 1 Cuts, 6/4 . . . . .	140.00
No. 1 Cuts, 8/4 . . . . .	150.00
No. 2 Cuts, 4/4 . . . . .	70.00
No. 2 Cuts, 5/4 . . . . .	100.00
No. 2 Cuts, 6/4 . . . . .	110.00
No. 2 Cuts, 8/4 . . . . .	115.00
No. 3 Cuts, 5/4 . . . . .	63.00
No. 3 Cuts, 6/4 . . . . .	68.00
No. 3 Cuts, 8/4 . . . . .	70.00
Dressing, 4/4 . . . . .	95.00
Dressing, 4/4 x 10 . . . . .	98.00
Dressing, 4/4 x 12 . . . . .	110.00
No. 1 Moulding, 5/4 . . . . .	155.00
No. 1 Moulding, 6/4 . . . . .	155.00
No. 1 Moulding, 8/4 . . . . .	160.00
No. 2 Moulding, 5/4 . . . . .	125.00
No. 2 Moulding, 6/4 . . . . .	125.00
No. 2 Moulding, 8/4 . . . . .	130.00
No. 1 Barn, 1 x 12 . . . . .	93.00
No. 1 Barn, 1 x 6 and 8 . . . . .	79.00
No. 1 Barn, 1 x 10 . . . . .	83.00
No. 2 Barn, 1 x 6 and 8 . . . . .	65.00
No. 2 Barn, 1 x 10 . . . . .	66.00
No. 2 Barn, 1 x 12 . . . . .	78.00
No. 3 Barn, 1 x 6 and 8 . . . . .	47.00
No. 3 Barn, 1 x 10 . . . . .	49.00
No. 3 Barn, 1 x 12 . . . . .	52.00
No. 1 Box 1 x 6 and 8 . . . . .	42.00
No. 1 Box 1 x 10 . . . . .	43.00
No. 1 Box, 1 x 12 . . . . .	44.00
No. 1 Box, 1 x 13 and up . . . . .	45.00

## BUFFALO

The following quotations on hardwoods represent the jobber buying price at Buffalo and Tonawanda.

### Sap Birch

1 in. . . . .	90.00	45.00	30.00
5/4 and up . . . . .	100.00	50.00	30.00

## Maple

	1s & 2s	No. 1 Com.	No. 2 Com.
1 in. . . . .	\$ 75.00	\$ 45.00	\$ 28.00
5/4 to 8/4 . . . . .	80.00	50.00	28.00
10/4 to 4 in. . . . .	85.00	55.00	28.00

## Soft Elm

1 in. . . . .	70.00	45.00	30.00
5/4 to 2 in. . . . .	75.00	50.00	30.00

## Red Birch

1 in. . . . .	120.00	75.00	
5/4 and up . . . . .	125.00	80.00	

## Basswood

1 in. . . . .	75.00	45.00	30.00
5/4 to 2 in. . . . .	85.00	55.00	35.00

## Plain Oak

1 in. . . . .	95.00	55.00	35.00
5/4 to 2 in. . . . .	105.00	65.00	40.00

## White Ash

1 in. . . . .	85.00	48.00	30.00
5/4 to 2 in. . . . .	90.00	52.00	30.00
10/4 and up . . . . .	110.00	65.00	30.00

## BOSTON

Quotations given below are for highest grades of Michigan and Canadian White Pine and Eastern Canadian Spruce as required in the New England market in car loads.

White Pine Uppers, 1 in. . . . .	\$232.00
White Pine Uppers, 1 1/4, 1 1/2, 2 in. . .	232.00
White Pine Uppers, 2 1/2, 3 in. . . . .	250.00
Selects, 1 in. . . . .	207.00
Selects, 1 1/4, 2 in. . . . .	207.00
Selects, 2 1/2, 3 in. . . . .	232.00
Fine Common, 1 in., 30%, 12 in. and up .	165.00
Fine Common, 1 x 8 and up . . . . .	165.00
Fine Common, 1 1/4 to 2 in. . . \$165.00	170.00
Fine Common, 2 1/2 and 3 in. . . . .	180.00
Fine Common, 4 in. . . . .	195.00
1 in. Shaky Clear . . . . .	100.00
1 1/4 in. to 2 in. Shaky Clear . . . . .	110.00
1 in. No. 2 Dressing . . . . .	95.00
1 1/4 in. to 2 in. No. 2 Dressing . . . . .	95.00
No. 1 Cuts, 1 in. . . . .	122.00
No. 1 Cuts, 1 1/4 to 2 in. . . . \$137.00	142.00
No. 1 Cuts, 2 1/2 to 3 in. . . . .	182.00
No. 2 Cuts, 1 in. . . . .	77.00
No. 2 Cuts, 1 1/4 to 2 in. . . . .	107.00
Barn Boards, No. 1, 1 x 12 . . . . .	105.00
Barn Boards, No. 1, 1 x 10 . . . . .	96.00
Barn Boards, No. 1, 1 x 8 . . . . .	95.00
Barn Boards, No. 2, 1 x 12 . . . . .	80.00
Barn Boards, No. 2, 1 x 8 . . . . .	72.00
Barn Boards, No. 2, 1 x 10 . . . . .	73.00
Barn Boards, No. 3, 1 x 12 . . . . .	56.00
Barn Boards, No. 3, 1 x 10 . . . . .	53.00
Barn Boards, No. 3, 1 x 8 . . . . .	50.00

### No. 1 Clear

Can. Spruce, No. 1 and clear, 1 x 4 to 9"	87.00
Can. Spruce, 1 x 10 in. . . . .	89.00
Can. Spruce, No. 1, 1 x 4 to 7 in. . . .	87.00
Can. Spruce, No. 1, 1 x 8 and 9 in. . . .	92.00
Can. Spruce, No. 1, 1 x 10 in. . . . .	92.00
Can. Spruce, No. 2, 1 x 4 and 5 in. . . .	38.00
Can. Spruce, No. 2, 1 x 6 and 7 in. . . .	40.00
Can. Spruce, No. 2, 1 x 8 and 9 in. . . .	42.00
Can. Spruce, No. 2, 1 x 10 in. . . . .	44.00
Can. Spruce, No. 2, 1 x 12 in. . . . .	45.00
Spruce, 10 in. dimension . . . . .	50.00
Spruce, 9 in. dimension . . . . .	49.00
Spruce, 8 in. dimension . . . . .	48.00
2 x 10 in. random lengths, 8 ft. and up	45.00
2 x 12 in. random lengths . . . . .	\$47.00
2 x 3, 2 x 4, 2 x 6, 2 x 7 . . . . .	\$37.00
2 x 8, 2 x 9 . . . . .	\$44.00
All other random lengths, 7 in. and under 8 ft. and up . . . . .	\$38.00
5 in. and up merchantable boards, 8 ft. and up, D 1s . . . . .	35.00
1 x 2 . . . . .	33.00
1 x 3 . . . . .	33.00
1 1/2 in. Spruce Lath . . . . .	8.00
1 1/2 in. Spruce Lath . . . . .	9.00

### New Brunswick Cedar Shingles

Extras . . . . .	\$ 6.00	6.50
Clears . . . . .	\$ 5.00	5.50
Second Clears . . . . .		4.00
Clear Whites . . . . .		3.25



**Second Hand  
Machinery &  
Equipment  
Wanted &  
For Sale**

# Quick Action Section

**Special Lots  
Of Lumber—  
Positions  
Wanted &  
Vacant**

## Lumber Wanted

We are always in the market to buy Pulpwood and odd lots of lumber. P. O. Box 643, Montreal. 23-3

### Spot Cash

for ties, wood, frames. McKay, 327 Little Bldg., Boston, Mass. 23-2

### Wanted

Stocks of Jack Pine, Norway Spruce and Hemlock, for delivery on or before March 15th, 1923. Box 70, Canada Lumberman, Toronto. 1-2

### Pine Wanted

Round White Pine, 250 pieces, 25 to 30 feet long, 14" and up at small end. Shipment before February 1st. Apply The Canada Construction Co., Ltd., 92 Notre Dame St. East, Montreal, Que. 2

### Lumbermen

Will contract with Canadian mill having favorable freight rate to Cleveland, Ohio, to purchase cut of 10 to 20 million lath. Apply Box No. 85, Canada Lumberman, Toronto. 2

### Lumber Wanted

1 block of mill cull Jack Pine, also mill run Norway and Jack Pine for winter or spring delivery. The Elgie & Jarvis Lumber Co., Ltd., 18 Toronto St., Toronto, Ont. 2

### Wanted

2 million ft. Hemlock.  
1 million ft. Spruce.  
1 million ft. Jack Pine.  
For spring delivery. Will make advances. Thompson & Heyland Lumber Company, 123 Bay St., Toronto. Phone Adel. 1999. 23-2

### Here is the Place to Unload

Your old stock. We buy any kind of lumber cheap—long and short lengths 2, x 4 and wider. Shingles in any grade in carlot only. Laths any size in carlot. Finish lumber and flooring, pine, oak, birch and maple. Must be cheap for cash. H. Fitzgerald, 1462 Pingree Ave., Detroit, Mich. 24-5

### Dry Hard Maple Wanted in Carload Lots

1 1/4" x 3" in lengths of 18", 27", 36", 45" etc.  
1 1/4" x 3 1/2" same lengths.  
1 1/4" x 2 1/2" x 49")  
(one half each size.  
1 " x 3 1/2" x 49")  
All to be free from defects.  
Box No. 989, Canada Lumberman, Toronto. 17-T.f.

### Wanted

10,000 ft. 1 1/2" yellow Birch, 4" and up wide 18" long.  
3,000 ft. 1 1/2" yellow Birch, 4" and up wide 20 1/2" long.  
Quality to be clear, our surface two edges two ends.  
Clear Dimension  
2,000 ft. 1 1/2" x 1 1/2" x 20"  
2,000 ft. 1 1/2" x 1 1/2" x 25"  
1,000 ft. 1 1/2" x 1 1/2" x 18"  
Quote F.O.B. cars Boston, Mass., rate of freight, Terms Cash. Apply Box 78, Canada Lumberman, Toronto. 2

## Lumber For Sale

### For Sale

Standing timber estimated 20 million feet, about 75% hardwood, with or without mill. Located in Northern Frontenac County, Ont. Apply Box 76, Canada Lumberman, Toronto. 2-7

### PUBLISHER'S NOTICE

Advertisements other than "Employment Wanted" or "Employees Wanted" will be inserted in this department at the rate of 25 cents per agate line (14 agate lines make one inch). \$3.50 per inch, each insertion, payable in advance. Space measured from rule to rule. When four or more consecutive insertions of the same advertisement are ordered a discount of 25 per cent. will be allowed.

Advertisements of "Wanted Employment" will be inserted at the rate of one cent a word, net. Cash must accompany order. If Canada Lumberman box number is used, enclose ten cents extra for postage in forwarding replies. Minimum charge 25 cents.

Advertisements of "Wanted Employees" will be inserted at the rate of two cents a word, net. Cash must accompany the order. Minimum charge 50 cents.

Advertisements must be received not later than the 10th and 20th of each month to insure insertion in the subsequent issue.



ONTARIO

### SALE OF TIMBER

Tenders will be received by the undersigned up to and including Friday the 19th day of January, 1923, for the right to cut the timber on the township of Hawkins, in the district of Algoma, having an area of 81 square miles.

Further particulars may be obtained upon application to the undersigned, or to Mr. A. H. Huckson, Crown Timber Agent, Sault Ste. Marie, Ont.

BENIAH BOWMAN,  
Minister of Lands and Forests.

Toronto,  
December 29th, 1922.

N.B. No unauthorized publication of this notice will be paid for.



ONTARIO

### SALE OF RED AND WHITE PINE

Tenders will be received by the undersigned up to and including Wednesday the 31st day of January 1923, for the right to cut red and white pine timber on the south half of the township of Westbrook, and that portion of land lying between the south boundary of the township of Westbrook, and the north boundary line of Timber Berth H. G. Onaping, having an approximate area of 25 1/2 square miles more or less.

Further particulars regarding this sale may be obtained upon application to the undersigned or to Mr. J. G. McCaw, Acting Crown Timber Agent, Sudbury, Ontario.

BENIAH BOWMAN,  
Minister of Lands and Forests.

Toronto,  
December 29th, 1922.

N.B. No unauthorized publication of this notice will be paid for.



ONTARIO

### SALE OF TIMBER

Tenders will be received by the undersigned up to and including Thursday the 18th day of January, 1923, for the right to cut timber on Township 7 and part of Township 6, North and East of the Canadian Pacific Railway, in the district of Thunder Bay, in the vicinity of James Station on the Canadian National Railway, having an approximate area of 36 square miles.

This is primarily a pulpwood proposition.

Further particulars may be obtained upon application to the undersigned or to Mr. J. H. Milway, Acting Crown Timber Agent, Port Arthur, Ontario.

BENIAH BOWMAN,  
Minister of Lands and Forests.

Toronto,  
December 29th, 1922.

N.B. No unauthorized publication of this notice will be paid for.

### For Sale

4/4 Soft Elm—75,000 No. 1 Common & Better, 150,000 No. 2 Common, 100,000 No. 3 Common.  
Canada Wood Specialty Company, Ltd.,  
23-2 Longford Mills, Ont.

## Machinery Wanted

### Wanted

1 Triple Drum Sander.  
1 10" 4 sided Moulder.  
1 Panel Raiser.  
1 Power Door Clamp.  
Give full particulars and lowest price.  
Box 88 Canada Lumberman, Toronto. 2

## Machinery For Sale

### Planer for Sale

No. 27 S. A. Woods 15" x 6" heavy Planer and Matcher, complete, in good running condition. Now running in New Brunswick. Price \$1,300.00 f.o.b. S. A. Woods Machine Co., Boston, Mass. 24-3

### For Sale

One—Used—8"—4-sided "GREENLEE" Extra Heavy Moulding Machine. Weight 3,650 lbs.  
One—Used—No. 65 "OLIVER" Self-Feed Rip Saw.  
One—Used—24" No. 824 "C.M.C." Buzz Planer.  
One—Used—No. 218—30" C.M.C. Heavy Type, Single Cylinder Surface Planer, Round Safety Cylinder with High Speed Knives, Sectional Rolls and Chip Breaker.  
One—Used—28" MCGREGOR-COURLAY Single Cylinder, Surface Planer, with brand new Round Safety Cylinder, also extra square cylinder.  
One—Used—No. 478 GREENLEE Full Universal, Double Arbor Saw Table. Equal new.  
One—Used—20" ECLIPSE Pony Planer, same as new.  
One—Used—20" C.M.C. Buzz Planer, with Round Safety Cylinder, Just like new.  
One—Used—36" MCGREGOR-COURLAY Band Saw.  
One—Used—36" COWAN Band Saw.  
One—Used—No. 511 MCGREGOR-COURLAY Blind Slat Tenoner.  
One—New—No. 803 "C.M.C." HIGH SPEED Single Spindle Latest Design Ball Bearing Shaper.  
One—Used—No. 201 GREENLEE Horizontal Hollow Chisel Mortiser—equal new.  
One—Used—No. 916 "C.M.C." Single Spindle Vertical Wood Boring Machine.  
One—Used—No. 913 "C.M.C." Double Spindle Horizontal wood Boring Machine.

The above are all priced at "worth-while saving prices" for quick disposal. We will gladly send descriptive circulars also prices upon request.

WILLIAMS & WILSON, LIMITED,  
No. 84 Inspector Street,  
Montreal 2

### For Sale

Linn Lumber and Logging Tractor. Apply Box No. 60, Canada Lumberman, Toronto. 24 T.f.

For Sale:—Used Belting, Rails, Blocks and Pulleys. Send us your Scrap Iron and Metal, etc. Highest market prices paid. A. Low and Company, 264 Simcoe St., Peterborough, Ontario. 1-24

### D. FLORENCE & SONS

Bethune St., Peterboro, Ont.

Dealers in Scrap Iron, Metals, Second Machinery, Pipes, etc. 2-4

### For Sale

Alligator, Rebuilt by West, Peachey & Sons in 1921. Side wheeler, in first-class condition. Apply Schroeder Mills & Timber Co., Pakesley, Ontario. 2-5

### For Sale

Cross Compound Inclined Condensing Engine 24" x 48" x 60" stroke, suitable for 150 lbs. pressure, with shafting and radial paddle wheels. All in first class condition.

The Upper Ottawa Improvement Co.,  
194 Middle Street,  
Ottawa, Ont. 24-4

### For Sale

Portable saw mill.  
3 block carriages.  
Double edger, boiler and engine.  
A complete equipment. Will sell reasonable and take lumber in exchange.  
Apply: Barrett Bros., 260 Catherine St., Ottawa. 2-3

### Wickes Gang

GANG: No. 12 Wickes Gang, 40" sash, 15" stroke, steam boiler rolls, front and back in two sections, feed and oscillation combined, 1908 model, and has been in use for five years. We furnish with this gang 11 rolls for cants and stock, one filing machine, and 4 sets of saws.

THE PEMBROKE LUMBER CO.,  
1 T.f. - Pembroke, Ont.

### For Sale

1 Mitts & Menill Hog,  
2 Factory Hogs,  
1 7" Steam Feed,  
1 Log Haul Up,  
1 Band Resaw Grinder,  
1 Shingle Mill,  
1 Pail & Tub Machinery.  
The C. Beck Manufacturing Co. Limited,  
1-3 Penetanguishene, Ont.

## Situations Wanted

Position Wanted—Foreman for Band mill, am also a good sawyer. Assure good results. Box 97, Canada Lumberman, Toronto. 3-5

Position Wanted—Band Sawyer with 14 years experience. Best of references. A one nigger man. Box No. 96, Canada Lumberman, Toronto. 3-5

Position Wanted by energetic young man with wholesaler or manufacturer, Eight years experience in retail lumber all branches. References apply Box 95, Canada Lumberman, Toronto. 2

Young, married man, 30 years of age, wishes position as superintendent with a lumber company, has had 12 years experience in logging and lumbering and understands the business thoroughly, has also had training in industrial agency. Can furnish the best of references. Apply Box 91, Canada Lumberman, Toronto. 2



**Position Desired** as office manager or branch manager. 15 years lumber experience. Competent to handle correspondence and staff. Address in first place Box 82, Canada Lumberman, Toronto. 2

**Cashier, Paymaster, etc.**, 16 years timber trade experience, open engagement, first class references. Can put up cash security if required. Write first instance Box 81, Canada Lumberman, Toronto. 2

**Office Man** qualified take entire charge and handle correspondence, sales, etc., open engagement. Sound, practical man. Salary reasonable. Apply Box 83 Canada Lumberman, Toronto. 2

**Well educated man**, with travelling experience in wholesale lumber and with retail yard experience, desires to connect with reliable firm of manufacturers and wholesalers, in any capacity. Box No. 86, Canada Lumberman, Toronto. 2

**Young Man, 28**, wishes to learn the lumber business preferably the selling end. Has had some selling and several years experience in accounting and office work, any place in Canada. Box No. 71, Canada Lumberman, Toronto. 1-3

**Young man, age 24**, wishes progressive position with lumber firm. Three years experience with lumber manufacturers. Experience in shipping cars and cargoes. Payrolls and general office routine. Can operate typewriter. Go anywhere. Apply Box No. 68, Canada Lumberman, Toronto. 2

**Situation Wanted**—Married man wishes permanent position Cashier or Book-keeper have had twenty years experience in the Lumber Business, speaks English and French, can furnish Bonds and also best of testimonials, all replies treated confidential. Box 92, Canada Lumberman, Toronto. 2-5

**YOUNG SCOTCHMAN**—Married, abstainer, wishes permanent position as bookkeeper, stenographer and general office man. Have had following experience: Six years' banking, two years' assistant bookkeeper and stenographer, London, England; eight years' lumber office experience; have also general store bookkeeping experience. Apply Box 41, Canada Lumberman, Toronto. 2-3

**Open for engagement**—Advertiser age 39, twenty years experience lumber trade in England, U. S. A., South America and Canada. At present with Eastern firm. Thorough knowledge of business, all branches office; selling and handling outside work. Willing to go abroad if terms suitable but would prefer Ontario or Northern States. Write in first instance to Box No. 51, Canada Lumberman, Toronto. 23-2

**Accountant, Office Manager or Secretary-Treasurer**, desires position. A competent man on whom you can place full responsibility. English Canadian, age 36, married. Salary to commence \$2500.00 to \$3000.00 per annum. If you have an opportunity for a conscientious and industrious man, please communicate with Box 98, Canada Lumberman, Toronto. 2-4

**Wanted**—Position as Superintendent, or manager of lumber company. Eighteen years practical experience from stump to market during which time have been with but two large concerns, having held both positions with success. Would entertain subordinate positions with future and prove my ability. Forty years old and married. Unquestionable references as to ability and integrity. Box No. 80, Canada Lumberman, Toronto. 2-3

**Aggressive Young Man** with ability, integrity and 5½ years' valuable experience in Lumber offices, desires permanent position with a progressive concern. Accustomed to handling Correspondence, Orders, Sales and Bookkeeping, and have always given highest satisfaction where employed. Would like to locate with company around Georgian Bay or any place in Northern Ontario. Excellent credentials. All replies treated confidential. Box 90 Canada Lumberman, Toronto. 2-3

**Salesman Wanted**—We want salesmen to sell Cedar posts and poles on commission. Address Churchill Cedar Co., P.O. Box 100, Vancouver, B.C. 2

**Wanted for 1st May, 1923**—Captain for tugboat, log towing Gaspe Bay. About 6½ months job. Must be a genuine hustler, as towing will be continuous. No booze fighters considered. Give experience, reference, certificate, age and monthly wage expected. Tugboat 70 feet long and carries coasting certificate. Apply R. S. P. Smyth, Gaspe, P.Q. 2-3

**Wanted, Not Later than the 15th of February, 1923**—Mill Sup't, on yearly contract. Band Mill, Shingie Mill and Barking Drum Equipment located Gaspe, P.Q. Must be thoroughly versed in all matters pertaining to steam power, machinery, handling men and to complete building of plant from plans. Must speak, read and write English. No booze fighters considered. Give experience, reference and salary expected. Apply R. S. P. Smyth, Gaspe, P.Q. 2-3

**Wanted, Not Later than the 15th of March, 1923**—Engineer for Tugboat, thorough mechanic, able to overhaul, put and keep in perfect order machinery of log towing boat in Gaspe Bay. 70 foot, H. and L. pressure cylinders, upright Robb Boiler. Must speak English fluently. About 8 months job. No booze fighters considered. Give experience, references, grade certificate and monthly wage expected. Also 2nd Engineer assistant. Apply R. S. P. Smyth, Gaspe, P.Q. 2-3

## Business Chances



### Province of Quebec

## Department of Lands and Forests

QUEBEC, December 28th, 1922.  
In conformity with articles 1623, 1624, 1625 of R.S.P.Q., 1909, permit to cut timber on the undermentioned public lands, will be offered at public auction at the Parliament buildings on January 30th, 1923, at 10.30 A.M.

10.—GENERAL PERMITS, that is to say for the cutting of green and other trees:

**A.—NORTH SHORE REGION:—**  
Basin of the Manicouagan River.  
A block located on the east branch of Manicouagan River and its tributaries, being the continuation of the timber limits of the Manicouagan & English Bay Export Co., about 2,000 square miles.

A deposit of \$150,000.00 must be made on or before January 27th, 1923, by each person desiring to bid; this deposit will be forfeited if no bid be offered by said party or if he should refuse to sign the contract.

Waterpowers—river aux Outardes—will have to be leased and developed by the successful bidder.

**B.—ABITIBI REGION:—**  
10.—Townships of Landrienne and of Duvernay, 6 square miles.  
20.—Township of Pouliaries, 3 square miles.  
30.—Township of Brassier, 2/3 square miles.  
40.—Township of Manneville, 12 square miles.  
50.—Township of Malartio, 9 square miles.

**C.—COUNTY OF CHARLEVOIX & SAGUENAY:—**

10.—No. 87a river Petites-Bergeronnes, 11 square miles.  
20.—Township of Callieres, 10 square miles.

**D.—BONAVENTURE COUNTY:—**  
Township of Carleton, bloc No. 5, 10-1/3 square miles.

**II.—PERMITS FOR THE CUTTING OF BURNED TIMBER:—**

Abitibi Region: Township of Launay, 6½ square miles.

For more complete details, please apply to the Department of Lands & Forests.

ELZ. MIVILLE-DECHENE,  
Deputy Minister.

### For Sale

Rixon-Ainslie-Stoddart Sawmill at Owen Sound. Splendid power plant and machinery. Will be sold cheap. Apply Keenan Bros., Ltd., Owen Sound, Ont. 23 T.f.

### Lumbermen

Please send your stock sheets with prices delivered Detroit on hardwood lumber, also customer's contract for mill-cuts to A. H. David, 2626 Taylor Ave., Detroit, Mich. 1-4

### To Wallboard Manufacturers

We are desirous of taking an agency for Great Britain for a well manufactured Wallboard. Frank Rosser, 53 Chorlton St., Manchester, England. 24-5

### Mill Cut to Contract

Parties desiring to contract in advance for all year cut of Portable Mill, cutting Maple, Birch and Hemlock principally. Apply Box 61, Canada Lumberman, Toronto. 24 T.f.

### For Sale

Heavy portable Sawmill, Locomotive Boiler on wheels, Centre crank, high speed engine and camp outfit for forty men. First class condition. Will take payment in lumber next spring. Hall Bros. Limited, 300 Crown Office Bldg., Toronto. 23-T.f.

### For Sale

Mill and Timber Limits for sale. Timber large proportion Hardwood. Mill twenty thousand capacity. Large cattle and breeding ranch. Will sell with or without ranch. Located in Eastern Ontario. Address Box No. 50, Canada Lumberman, Toronto. 22-T.f.

### Sawmill Wanted

Good mill to cut by the thousand. First contract 1,000,000 feet, spruce at one set. To start immediately or not later than April 1st. Applicants must have good mill with trimmers and understand sawing. Box 74, Canada Lumberman, Toronto. 1-4

### A Real Bargain

Complete circular sawmill and power, located at Charles, Mich. Will sell complete mill or any part. Mill contains steam feed, log jack, steam nigger, edger trimmer, etc. Property should be seen to be appreciated. SCHWARTZ BROS. & CO., Cheboygan, Mich. 23-2

### As Going Concern

Saw and Planing Mill and stock of lumber in good town, stock of logs being taken out, and 5,000 acres of timber (more available). Turn-over \$100,000.00 per year. Strictest investigation will convince you this is a money maker. \$20,000.00 cash, balance arranged. Box No. 72, Canada Lumberman, Toronto. 1-4

### Logging Contractor

We have 600 Million ft. saw timber on west coast of Vancouver Island, and want a logging contractor who has sufficient logging outfit to furnish us with 100 thousand feet of logs per day. Address Churchill Cedar Co., P.O. Box 100, Vancouver, B.C. 2

### Attention! Lumber Exporters

The representative of an old established English House of lumber importers is shortly expected in Canada. Any house in the export lumber trade desiring to get into touch with this gentleman should communicate immediately with us under the heading "Box No. 89, Canada Lumberman, Toronto." 2

### 15,000 Acres Freehold

For sale at Riversdale, Colchester County, N.S., 20 million feet standing 30% hardwood, 70% mostly spruce, will cut 2 million annually in perpetuity. 45,000 cords pulp and pitwood estimated, 3 private and 2 graded sidings all property alongside railway and well opened up—2 portable mills, 4 camps camp utensils, logging outfits, 2 gasoline and 1 steam tractors, 12 trolleys, 5 horses, sleds and waggons, large stable and barn, 4 rented houses in Riversdale and ground rents.

All in price of \$120,000. Death of sole male partner necessitates sale. Write Primrose Bros., Pictou, N.S. 2

### For Sale Cheap

Circular Sawmill, Building and Machinery. Steam Feed, suitable for Ties and Lumber.

also

Small two-storey Brick Factory, well-located, with or without woodworking machinery. Apply to John Harrison & Sons Co., Limited, Owen Sound. 24 T.f.

A SPLENDID OPENING—OPPORTUNITY IS OFFERED to a thorough lumberman of executive ability with good active selling and buying connection, to join another lumberman who is well known and connected in the export trade, with a view of starting a wholesale and export business. Advertiser has \$25,000.00 available and would expect associate to be also financially interested. Negotiations strictly confidential. Address Box No. 94, Canada Lumberman, Toronto. 2-5

## Miscellaneous

## LOG HAULERS

### FOR SALE

3 large Lombard Steam Log Haulers.  
1 small Lombard Steam Log Hauler.  
30 pairs Log Hauler Sleds.  
1 large Log Hauler Snow Plow.  
All equipment in good condition.  
Apply to  
KELLOGG LUMBER COMPANY,  
24-3 Long Pond, Maine.

### TREES FOR PRAIRIE FARMERS

By a plan inaugurated in 1901, the Department of the Interior, through the Forestry Branch, has distributed over sixty million forest trees for planting shelter-belts on the farms of Manitoba, Saskatchewan and Alberta. The plan is a co-operative one, the Government supplying the seedling trees free, except in the case of evergreens, and giving instructions for their planting and care, while the farmer provides the labour, prepares the land in advance, and agrees to keep it permanently in trees.

## Banish Gloom

Don't permit your salesman to get down in the dumps. It pays to give your men every assistance in locating new prospects. Use MacLean Building Reports and know your market. They are the indicators that tell you when and where to go for business.



Write to-day for rates and sample reports. Learn more about our daily report service for the increasing of sales in your line of business.

### MacLEAN BUILDING REPORTS Ltd

345 Adelaide St. W. - - - TORONTO  
119 Board of Trade Bldg. - - - MONTREAL  
325 Main St. - - - WINNIPEG  
106 Winch Building - - - VANCOUVER

## Situations Vacant

**Wanted**—By one of the best manufacturers of Cypress rough and dressed lumber, Commission Men to sell in Canada. Box 77, Canada Lumberman, Toronto. 2-3



# Review of Current Trade Conditions

## Montreal Sees Steady Business if Prices not Inflated

In Montreal, the lumber trade is keeping up in good style. Naturally one expects a falling off in orders about this period, but wholesalers state that in view of the time of the year, business is quite satisfactory. This applies to the purely local demand and also to that from across the border. Prices are on much the same level, with the outlook for a continuation of this condition for some time. Most wholesalers are of the opinion that we may look for a steady run of business for some months, but they deprecate any attempt to put up prices to such an extent as will curtail the demand.

A Quebec manufacturer states that his costs this season have risen to a considerable extent and that the cut will have to fetch better prices than last year if he is to see a profit. While the open weather admitted of active camp operations, the small snowfall in the Eastern townships is interfering with hauling in that district.

The hardwood market is looking up. Orders are good with quotations on the up-grade. Very little is doing in B. C. forest products. For the time being, the demand has dropped away.

The activity in building in Montreal during the past year is illustrated by the permit figures just issued. These do not tell the whole story, as they do not include the suburbs, where a very large amount of construction has been carried out; for instance in Outremont the value was \$2,750,000. and in Verdun \$1,378,285. The total for Montreal for the year was \$21,132,586., a decrease of \$726,332. Beginning with April the monthly records amounted to over two million dollars until October, in which month and also in November, the total was about one million and three quarters. In December the permits showed the large total of \$2,011,940. It is estimated by the head of the city building inspection department that about \$9,000,000. were spent in the construction of dwellings.

The fall in the value of pulpwood as compared with about a year ago is shown by the latest export figures. During November the exports totalled 64,652 cords, valued at \$650,974., compared with 49,476 cords valued at \$614,974. in November 1921. For the eight months of the fiscal year the exports were 664,067 cords, of a value of \$6,873,809., comparing with 518,067 cords and \$6,749,433. in the corresponding eight months.

## Ottawa Reports Prices Stiffening in Better Grades

A further advance ranging from one to ten dollars per M. marked the Ottawa lumber market during the first part of the year. Coupled with it was an increase in orders from American yards and also an increase in the number of inquiries received.

The new year to all appearances, with the exception of many embargoes at points in the U. S. started out right for the lumberman. The advance in prices affected nearly twenty staple manufacturers' grades of white pine. The heaviest advance was in good strips and good shorts which went up from five to ten dollars per thousand feet. The increased demand from American yards and the general lowness of stocks, it was stated, were the principal factors for the advance. No. 2 cuts 2 x 8 and up good sidings, also took a jump of \$10 per M. on manufacturers' quotations.

In all other grades the market remained absolutely firm and it was stated in several circles that further price advances might be looked for. Several firms reported that orders during the first part of the year were coming in freely from American yards and that there had been a great number of inquiries. Such a condition, the local trade believed, showed that the American yards were depleted of stocks and were seeking to replenish for the spring trade. The chief demand was for the better grade stock.

Regarding future prices, the correspondent of the "Canada Lumberman" was informed that it was generally known that prices were to be advanced by the manufacturers. Stocks in the hands of the manufacturers at present are fairly low and the majority of the stocks in the manufacturers' yards are controlled by wholesalers.

Another gratifying feature of the first two weeks of the year was the reports of several woodcamps showing that operations were well under way and the prospects of a large cut were good. The weather so far has been very favorable to lumbering operations, though in some districts a little more snow would help some.

The supply of woods' labor was reported to be adequate, but there was no overplus. There were, however, few reports of an existing shortage of labor in the camps.

In the transportation arena shippers raised loud complaint and in language not usually heard in Sunday School condemned embar-

goes on American entry points, which repeatedly held up shipments calling for immediate delivery.

On one date, every entry point into the eastern states by which a local firm wished to ship was tied up one hundred per cent with embargoes. The embargoes have now mitigated against the export of stocks from the Ottawa Valley to the U. S. for the last two months, and there is no means of telling when the present condition will be remedied. The placing of embargoes, it is generally believed, is due to the movement of shipments of grain and coal. Foreign cars were fairly plentiful.

Conditions with the woodworking factories remained unchanged some of them being down for repairs and others of them operating on a very limited scale, or manufacturing stock.

During the second week of the year the action of the Provincial Attorney General and the Golden Lake Lumber Co., which forms part of the O'Brien interests against Jno. R. Booth Ltd., commenced before Justice Middleton at the Court house. The action is to settle the principle as to what shall establish certain limit lines in the Nipissing district. W. N. Tilley, K. C. acted as Chief counsel for J. R. Booth Ltd., and Mr. I. F. Hellmuth, K. C., for the Golden Lake Lumber Co.

## St. John Interests Suffer Owing to Embargoes

The last two weeks have seen very little lumber moving to the American market from St. John and nearby sections, largely caused by the embargo set against New Brunswick firms by the New Haven Railroad, and until this condition changes, very little will be shipped. Certainly the Boston & Maine and New Haven Railways are in an awful shape and the American nation should awaken to its responsibilities and take some real practical active interest in these roads and force the hands of the executives to do something better towards putting the systems in shape to haul the traffic handed over to any of them. Many times does it seem as if these roads do everything in their power to operate as carelessly as possible. Embargoes on lumber are as certain as the rainy days and come oftener. The worst feature about this condition is that it affects the Eastern provinces more than any other railway embargoes could do as they feed New England and New York and the surrounding territory, which is crying out for lumber. No immediate relief is in sight and, in the meantime, lumber, which was sold long ago, is ready for shipment. As usual, when the American purchasers cannot get delivery, they cancel their purchases, having no compunction even though it is the fault of their own countrymen, so that to-day the Eastern provincial manufacturers realize just where they stand and have no intention of placing themselves in the same condition as in the past.

A good deal of the rotary stocks being sawn this winter is finding its way to the British and Irish markets through St. John and Halifax. Prices remain steady in these markets, especially for Irish deals and scantlings, and the feeling seems to be gaining that January will see improved buying of 1923 cuts, for as yet the British importers have not made any forward purchases for 1923, evidently preferring to await just what remains to be seen.

At the present time there is no reason for any operators to become panicky as the old stocks and also 1922 stocks are extremely low. The heavy snow, which has now fallen all over New Brunswick, will slow up the operations very much and must cut many millions from the aggregate for next year's sawing. All these things place the manufacturer of lumber in a better position than for many years past.

An impression seems to be abroad, both in the English and American markets, that the manufacturers of lumber are asking prices for their product for the coming season which will give them excessive profits. It is claimed that manufacturers are trying to recoup the losses made at one sweep. This is positively not so and unless the manufacturer is protected with a fair profit and helped back to independence, the buyer and the brokers will certainly be looking for goods with none to be found. All the risks have been taken by the manufacturer from log to sawn lumber, and at this date he cannot go ahead unless assured of a fair profit, and it is only a fair profit which he is asking. Logging costs have certainly been heavier than anticipated, wages have increased and the prices of supplies have also gone up, so that few operators will be able to produce logs at the price figured on.

All that can be said of the past year in its final analysis is that





View of Mills in Sarnia.

# BUY THE BEST

Retailers and woodworking establishments who like to get A1 NORWAY and WHITE PINE LUMBER always buy their stocks from us because we can ship them on quick notice. It pays to have the goods, but it pays better to "deliver" them.

We also make a specialty of heavy timbers cut to order any length up to 60 feet from Pine or B. C. Fir.

*"Rush Orders Rushed"*

## Cleveland-Sarnia Sawmills Co., Limited

SARNIA, ONTARIO

B. P. BOLE, Pres.   F. H. GOFF, Vice-Pres.   E. C. BARRE, Gen. Mgr.   W. A. SAURWEIN, Ass't. Mgr.



it has been a house-cleaning year, a year of paying debts, turning all the assets that were able to be liquidated into money which in turn was given to the banks to reduce loans. Many operators as yet are heavily in debt with large interest accounts to carry. Others have been able to pay up, so when all is said and done, operators are now happier but poorer financially and going forward with the hope of better times, and they are slowly coming.

Operating costs must be kept down, speculation must be eliminated and the lumber business will certainly go forward to better times. Other commodities may be reduced in price but with the timberlands of this country, both American and Canadian, held by government and corporations, no reduction in stumpage can be looked for; in fact the prices of stumpages will, no doubt, be steady and higher. Operating costs will not be reduced and stocks are low everywhere. If business is only fair, a normal demand will be created and profitable prices will be obtained.

Not as many logs have been put up as was anticipated, as a late start was made. Men also left the operations for Christmas and have stayed away longer than usual. The class of workmen is not as good as formerly, so taken all around, the reduction will be, at least, 10% below anticipation.

### Quebec Exporters Expect Big American Demand

In a general talk with the lumber trade interests the Quebec correspondent of the "Canada Lumberman" has come to the conclusion that, while there is a feeling of more optimism in the minds of the Quebec limit holders and exporters in regard to the demand in 1923 from the United Kingdom, they are not placing the dependence on such a demand, but on the business in prospect with the Canadian and United States markets.

There is no question but that the stocks are very light in Canada which accounts for increased operations this winter in the cutting of logs sufficient to meet all requirements in spruce and pine to supply the needs of Canada as well as the United States and the United Kingdom. Over fifty per cent. of the cut in logging, however, will go into the manufacture of pulp and paper.

The conservative-thinking lumbermen of Quebec and district of Quebec are disinclined to believe that lumber should further increase in price this coming year of 1923. They are of the opinion that should it go up, as is desired by a large section of the trade, it would have the effect of stopping building. Of course, it is admitted that wood cannot be sold for the same price obtained in 1920 and 1921, which netted no profit, but there is a feeling that if the quotations were to ascend much higher than they are at present, the investor in building would stop the operations he has at present in mind. This is a matter that will be fully and seriously discussed at the meeting of the lumbermen to be held at Montreal during the closing week of January.

The advices received by the Quebec export firms up to Christmas from their British agents, report that the business in the first week of December was quiet and uneventful in the timber trade, that the market was very sensitive and that buyers, finding it easy to procure what they wanted from the Scandinavian sellers, had become suspicious of prices and were making purchases on a small scale, and that the feeling of confidence noticeable in October, had ceased to prevail. Importers were not pushing the sale of their stocks and had become patient until a demand would warrant an advance in their quotations. The trade returns for November were not as good as had been hoped and go to show that expectations for the future must be considered in moderation.

It is the general belief of the British agents for Quebec firms that the prospects of a growing trade in the United Kingdom for 1923 are good, but everything will depend upon prices, and should there be any material increase in the value of wood, the prospects may be spoiled before they become realities. The London Building Guild has overcome its financial difficulties, which had greatly retarded progress in structural operations, and arrangements have been made to allow the Guild to continue functioning on delayed existing contracts, which will have a good effect. The United Kingdom railroads are getting ready to carry on vast repairs, likewise the docks at the various British ports, which will call for lumber and give employment to brighten the situation. In this regard the Canadian trade will have to consider the Finnish and Swedish competition, and later the Russian sale of its forest products, and unless the steamship companies come down in the ocean freight rates, Canadian lumber exporters will continue to be handicapped.

In regard to the steamship companies and their high freight rates on Canadian lumber, these concerns seem to remain obdurate in their determination to make no favorable concessions to the Canadian shipping trade interests, notwithstanding that the cost of operation and overhead charges on all ships have been considerably reduced. Discussing this question with W. Gerard Power, president of the Quebec firm of W. & J. Sharples, Limited, who recently

returned from England, he said while it was quite true that the companies, have refused to come down in their ocean rates on Canadian freight, he is of the opinion that they will be forced to make a reduction or operate their ships with very little Canadian cargo from Canadian ports to Great Britain ports. He said that he expected to see an automatic reduction in freight rates, the same as exists in passenger traffic.

With all these facts in mind the Canadian lumber trade is advised by the Quebec interests to place more dependence on the home and American markets. Every Quebec firm is fully booked with orders from the United States, which they are unable to fill owing to the embargo against Canadian freight on the American lines. The difficulty does not now rest with a shortage of cars. There is at present, and was during the entire month of December, an ample supply of railway freight cars to move all shipments of Canadian wood from the mills to the U.S. purchasers, and the same can be said of pulpwood ordered from the district of Quebec by American paper mills, which is held up by the embargo against Canadian freight movement. It is thought in Quebec that this embargo is due to the congestion of the American lines by the movement of coal and Canadian wheat which has the preference from the Canadian West and deviated to the American seaports for export shipment.

Quebec lumbermen with their limit holdings and mill interests, are extremely sanguine of a big business with the United States market this coming spring and summer. Besides the present order bookings, they have every encouragement from their American agents, which has caused them to feel independent of the United Kingdom situation for the year 1923 unless they receive prices for their wood that will yield them a profit. It is in keeping with these optimistic prospects in a demand for lumber and paper, which has inspired the large operations in progress in the woods this winter, the biggest logging cut within the past ten years, as well as to replenish the stocks in their yards which have become almost depleted.

### Production in Ontario Will be Very Large

General market conditions in the lumber line are still rather quiet as retailers have been busy taking inventories. The holiday season is now about over, with members of the staffs of different concerns holding conferences and canvassing the outlook for next year.

It is generally agreed that prospects are much brighter for a larger turnover in 1923 than they have been for some months. Prices are remaining firm, logging production is much larger, stocks are lower and badly broken in the better grades and wider widths, and the building boom is likely to continue in the larger centres. January generally is a seasonably peaceful period and not many sales are made. There is, however, a good undertone of feeling and a basic confidence which engenders the belief that 1923 should be a year that, in every respect, will be large in volume. It is felt that prices will strengthen in several woods until the new cut comes on the market. No one, however, wants to see runaway quotations or any decided shortage because the resultant reaction is more basic than one generally supposes.

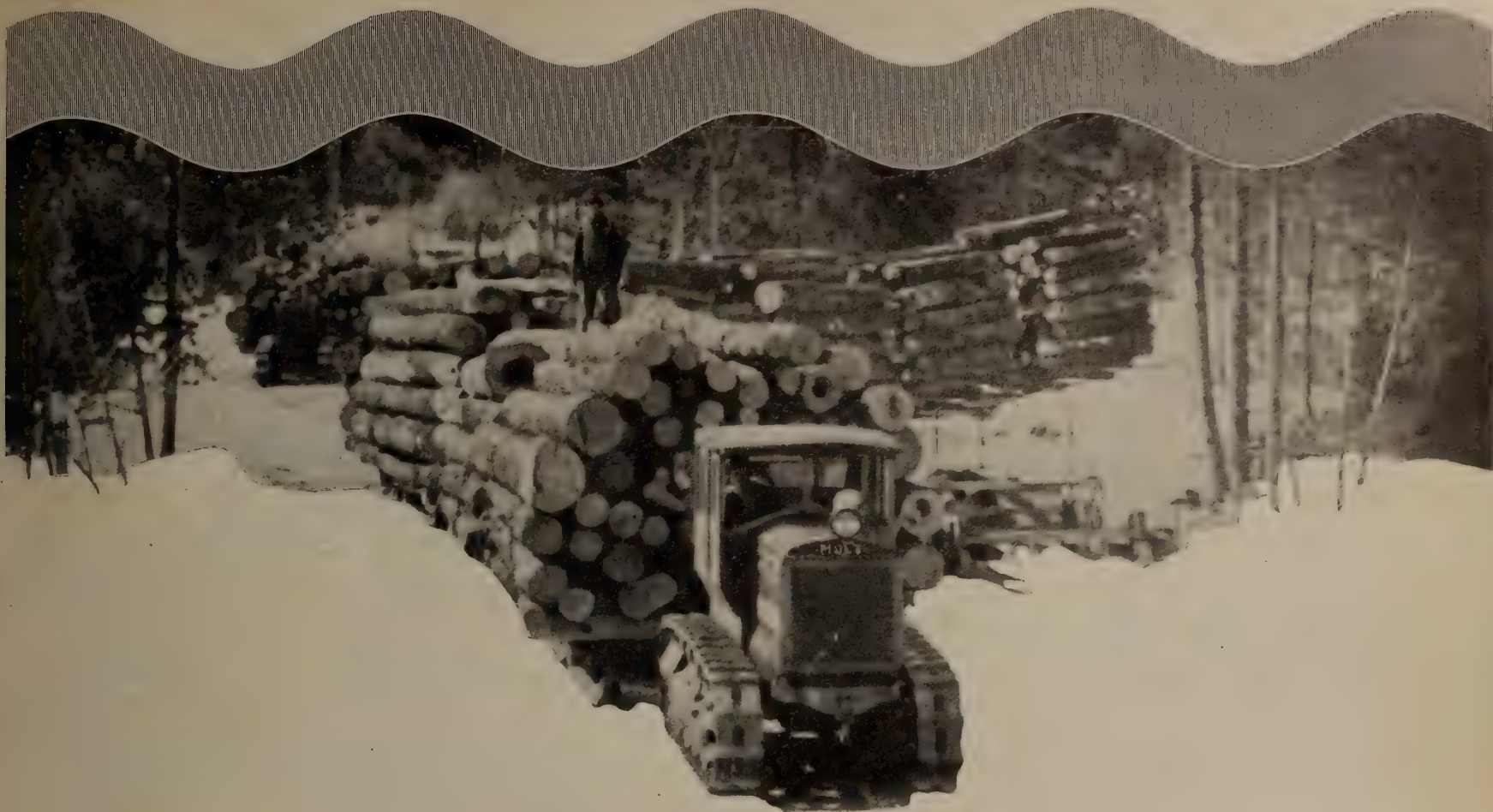
So far as the demand for western stock is concerned, this is rather quiet at present and some of the mills are out of the market for a short time owing to stocks being very low, and other B.C. plants closing down for repairs. Shingles have increased slightly and will likely get stronger as spring approaches.

In the meantime, a large number of wholesalers and manufacturers are preparing to attend the annual convention of the Canadian Lumbermen's Association which will be held in Montreal on January 24th and 25th. Retailers will go to the Ontario Retail Lumber Dealers' gathering which will convene in Windsor, Ont., on the same dates. Some regret that they will not be able to be present at both assemblies owing to the conflicting dates and the intervening distance. However, it is expected that confidences will be freely exchanged and the trade prospects thoroughly gone into for the coming year.

Prices of spruce are strengthening all the while and it is reported that the cut in the East will be the largest ever known. There are more inquiries for stocks of various kinds of lumber just now than there have been for some weeks. This is regarded as an indication that trade will begin to move much earlier than usual, that the volume will be heavier and prices firm.

Automobile concerns are now buying considerable quantities of hardwoods for bodies. Just how great will be the furniture industry will not be known until after the exhibitions which are being held in Stratford, Kitchener and Toronto during the present month. The producers will be meeting dealers from all parts of Canada, and a better line up of this business can be obtained toward the end of January than at the time of writing. In the meantime, all quotations are holding their own although hardwood men say that the





## For Logging Small Timber Stands at a Profit

*The "Caterpillar's" \* field of usefulness is by no means limited to Logging. There is a "Caterpillar" \* of size and capacity for every power need. On farm or ranch, in the mining and oil industries, for building and maintaining roads, removing snow and doing other civic work — wherever tractive power and endurance are at a premium, the "Caterpillar" \* has no real competitor*

**CATERPILLAR**  
TRADE MARK

**HOLT**

The Northern "Caterpillar" \* Logger provides the equivalent of a logging railroad. It also gives access to the scattered outlying tracts of timber too small to justify the expense of putting in a railroad. It does its own swamping and hauls over snow roads with the same pronounced success as on ice roads. With "Caterpillars" \*, jobbers and loggers of small stands can profit by the same economies gained by the big lumber and pulpwood manufacturers using large fleets of these dependable, all-purpose tractors.

Extremely powerful, yet compact in build, the Northern "Caterpillar" \* Logger is easy to operate both on and off the road. It turns in its own length and will work continuously in the most

severe winter weather. After a big snowfall, it quickly plows through the drifts and gets logging traffic moving. The three-speed transmission of the "Caterpillar" \* enables it to climb steep grades and to travel at high speeds when hauling on level roads or making return trips.

Whether used for swamping out roads, skidding logs, spotting and fetching out sleighs, or hauling trains, no other method is so practical and so economical as the "Caterpillar" \* method. Our motion pictures, exhibited on request, show the Northern "Caterpillar" \* Logger at work in the woods. We maintain complete stocks of spare parts. Write today for descriptive catalog.

*\*There is but one "Caterpillar" —Holt builds it*

**CANADIAN HOLT COMPANY, Limited**

1109 St. Catherine St., W., Montreal, P. Q.

Telephone Uptown 1504

*Holt branches and service stations all over the world*



low ends of birch and maple are far too cheap and should be commanding more money.

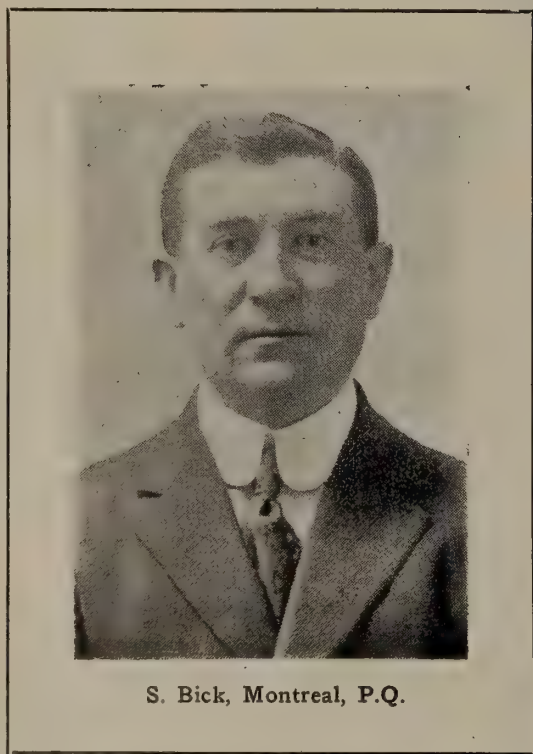
One manufacturer stated this week that retailers have not been passing on the price to the public the same as they should and had been trying to beat down millmen so that there was no actual money in selling stock at the figure offered which did not cover operating expenses in some cases. He contended that in the lumber arena to-day the manufacturer of hardwoods was the fellow who was making the least profit and working the hardest for his returns.

On the whole, however, while complaints are heard here and there about certain features of the trade, the embargoes at various points are being removed and also the scarcity of cars. Shipments are now going forth to the other side in larger quantities than has been the case for several weeks. Some Ontario firms are also thinking seriously of looking into the export business but any decisive step in that direction will have to be determined after the result of the present European conference is known.

### Mr Bick Speaks of Overseas Markets

Mr. S. Bick, who was formerly with the Bennett Lumber Company, Limited, has returned to Canada after being in the Baltic States for about a year. He is now on a business trip to the United States.

In an interview with a representative of the "Canada Lumberman" Mr. Bick gave some interesting details as to the Baltic lumber trade and the competition of wood from those states with Canadian wood in the U. K. markets. He resided in Riga for several months, establishing a business of exporting Baltic woods to the European Continent. The chief market is England, but Belgium and France take large quantities. Prior to the war about 250,000 standards per annum were shipped from Riga. The chief woods are white wood



S. Bick, Montreal, P.Q.

and red wood, which correspond especially to Canadian spruce and pine. The lumber business from the Baltic is growing. Riga and the Latvian ports shipped last year about 40,000 standards and this year the output will be about 100,000 standards. Riga, Revel, Memel and Dantoig play a prominent part in the export of wood, the last named being the outlet for the Polish Check. Slovaki and Lithuanian lumber. The port of Dantoig last year shipped in the neighborhood of 100,000 standards and will undoubtedly continually increase this in 1923.

"While the white wood coming from the Baltic States is similar in texture and quality to Canadian spruce it has an advantage in the specifications for length and widths. It is very easy for Baltic shippers to make deals 16 and 17 feet average and these are practically no scantlings. Seven inches is the narrowest size in 3 in. thickness. The chief competition with Canadian lumber comes from the Baltic, both as to size and price. Baltic shippers can sell 3 x 7 and 3 x 8 at £15 10s. per standard c.i.f. English ports and make a good profit, which wood is being used for exactly the same purposes as Canadian spruce. In my opinion Canadian exporters cannot possibly sell at this price as it would mean that these sizes would net about 25 dollars free on board vessel or about twenty dollars f.o.b. mill. The same observation applies to 9 and 11 inches, which are about £3 higher than the 7 and 8 inches. Baltic shippers have also the ad-

vantage of lower ocean freight rates and are able to produce much cheaper than Canadian mills owing to the cheapness of labor and the low rate of exchange.

"Conditions in the U. K. are gradually improving and the market is absorbing all the stock the Baltic States can supply; in fact I could have sold ten times as much as I was able to secure. The result is a stiffening of prices in the Baltic States and if the Canadian ocean rates, (which are today £2 higher than from Baltic ports) could be reduced and the Canadian mills could see their way to sell on a lower basis, there would be a much better chance for Canadian spruce—during the present year, because of the larger demand and firmer market on the other side. This is especially true as to demand in the North of England and Irish ports, where Canadian spruce will fetch £1 a standard more than Baltic white wood.

"Russian wood is going into England very heavily, and the production is larger each year. I do not think Archangel will be in competition with Canadian spruce as it is used chiefly for joinery work, whereas Canadian spruce is used mainly for box making and building purposes. Archangel wood will be in competition with Canadian white pine, which is used for the same purposes as the Archangel wood.

"I have just come from England where business prospects are much better than for the past three years. The demand for lumber is satisfactory, and prices are firm. If only the European situation would clear up, I am confident that the lumber industry there, could look forward to a prosperous year."

### Better Spruce Prospects for Present Year

The much firmer tendency of the market for redwood, and the effect which this is having, and is expected to have, on whitewood, is raising the hopes of Canadian shippers who anticipate a stronger demand in Great Britain next season, says the Lumber Trade Journal, of London, England. Latterly the prices for good spruce have risen, especially from Quebec deals and for 3 x 7 in. and 3 x 8 in. Although Central European whitewood may be had much cheaper, good spruce is always preferred, and provided the difference is not too great, importers will have the latter article. Moreover, a certain quantity of good whitewood is needed, and if the Scandinavian shippers succeed, as they hope to do, in advancing their prices both of redwood and whitewood, the effect will soon be felt in the spruce market. This last season the consumption of spruce in Canada itself and the export to the States enabled the producers to do pretty well, but towards the end of the season more spruce came over to Great Britain, and the market has been rather stronger. The volume of spruce imports depends so much on a comparison between the prices for spruce and those for Swedish and Finnish white that the Canadian shippers are naturally watching the European markets very closely. The high Atlantic freights have been a handicap this year, the difference between these rates and those accepted from Sweden and Finland being above the normal.

### Quebec Expects Million From Timber Sales

The development of the North Shore and the exploitation of immense timber limits is expected to result from the sale by auction of permits to cut timber on an area of 2,000 square miles, which is to take place in Quebec on January 30th. The limits affected are located in the basin of the Manicouagan River and adjoin those of the Ontario Pulp and Paper Company and the English Bay Company. The sale is likely to bring to the Government over \$1,000,000. Among the conditions are some regarding the utilization of the powers of the Outarde River, which must provide 15,000 horse power within seven years. Conditions will also be contained in the deed by which a pulp and paper mill must be erected there. This sale which is one of the largest ever held in the Province means that a decisive attempt will be made by the Government to open up that region to forestry exploitation. This sale should also compensate for the decrease in the returns of the Department of Lands and Forests for the year ending June 30th, 1922, which have been greatly affected during the past year.

### Vancouver Timber Film Shown Abroad

Many phases of the timber industry are now represented on the cinema, and one of the most interesting series we have seen is produced and shown by the Gaumont Company, Ltd., of London and Liverpool, says the Timber Trades Journal, of London, England. This is a comprehensive picture depicting the daily life of the lumberjacks in the forests of Vancouver Island. It is shown that the romantic age of the axe is past, and that the huge trees are now felled with a saw. "Snaking them out" is the local term for hauling the huge logs out of the forest by machinery and transporting them down to the river or the storage ponds at the mills.



**EUROPEAN PLAN**

Rooms 600 Baths

Headquarters in Detroit for

**Old Colony Club****Detroit Automobile Club****DAILY RATES.**

100 at \$2.50 Single	- -	\$4.50 Double
150 " \$3.00	" - -	\$5.00 "
100 " \$4.00	" - -	\$6.00 "
50 " \$5.00	" - -	\$7.00 "
50 with Twin Beds, \$5.00 to \$7.00		
100 In Suite, \$5.00 to \$8.00, Double		
Two Floors of Agents' Sample Rooms \$5.00 per Day		

Table d'Hote Dinner, \$1.00 - \$1.50

Business Mens' Lunch 50 - 75

**HOTEL TULLER***Under New Management.*

CAFETERIA

O. C. FROMAN, Mgr.

GRILLE

**The Otis Staples Lumber Co., Ltd.**  
Wycliffe, B. C.

**Larch and Fir**

Dimension

Clears

Boards

Crating

Shiplap

Box Lumber

Edge grain larch flooring a Specialty

**Western White Pine**

Clears and Commons

Inquiries handled from our Eastern Office:

**1304 Bank of Hamilton Bldg., TORONTO**Phone  
Main 5345R. G. Chesbro,  
Manager

# SAMSON AXES

AND

# AXE HANDLES



Made to meet the requirements of particular choppers, who want service and satisfaction.

**FULLY GUARANTEED**

We carry a large line of Lumbermen's supplies and camp requirements.

Write us for information.

**H. S. Howland Sons & Co., Limited**  
Wholesale Hardware  
TORONTO

**Special Notice**

We have purchased all the

**A X E S**

of the

**National Farming Machinery Co., Ltd.**  
of Montmagny, Que.

Can quote very low prices

*Write us for lists and catalogues*

**Floyd-Esbin Co., Limited**  
611 Canada Cement Building - Montreal





## SPRUCE, rough or dressed LATH AND SHINGLES

*We have facilities for kiln drying*

### THE EAGLE LUMBER CO. LIMITED

Head Office: 90 St. James Street, Montreal, Que.  
Mills at Mont Laurier, Que.; Hebert, Que.; Ste. Margarete, Que.;  
and Nottaway, Que. Dressing mill at St. Jerome, Que.

Northern Office:  
MIDLAND, ONT.

Southern Office:  
HATTIESBURG, MISS

## Herman H. Hettler Lumber Co.

2601 Elston Avenue, CHICAGO, ILL.

Manufacturers and Dealer

## White Pine, Red Pine and Yellow Pine Lumber and Lath

Excellent Planing Mill Facilities. Prompt Shipments

Crating

Cedar Shingles

## Everything in Spruce

FLOORING  
SIDING  
ROUGH DIMENSION  
LATH

## Campbell, MacLaurin Lumber Co.

Limited

MONTREAL  
Board of Trade  
Building

TORONTO: 320 Roncesvalles Ave.  
C. W. McCabe, Ont. Representative  
Phone Junc. 1598W

## CANADIAN ——— HARDWOODS

complete stock of—

## BIRCH

All Thicknesses — All Grades

Good Stocks — Prompt Shipments — Satisfaction

## C. A. SPENCER, LIMITED

205 St. James St. - - MONTREAL

## EDGINGS

The Macamic Pulp & Lumber Co., of Quebec, Que., recently made an assignment.

A charter has been granted to the Millwood Lumber Co., of Sault Ste Marie, with a capital stock of \$40,000.

C. T. White Co., Sussex, N. B., is making preparations for the erection of a planing mill on Main St., Moncton, N.B.

The Westminster Paper Mills, of New Westminster, of which J. J. Herb, formerly of Merritton, Ont., is the head, have started operations.

Mr. Purdie, who recently bought the E. H. Mann sawmill at Peterboro, Ont., has a camp in on Jacques Lake near Apsley, Ont, this season.

W. C. Irvin, of the Irvin Lumber Co., Toronto, and wife intend leaving shortly for St. Petersburg, Florida, where they will spend several weeks.

The Laminated Materials plant at Sapperton, B. C., was re-opened recently and the Timberland Lumber Company's mill at South Westminster, B.C., has also resumed.

Whitby recently carried a by-law to grant certain concessions to Samuel Jeffrey & Son, wholesale harness manufacturers, of Port Perry, who will remove their plant from that town to Whitby.

The Kellys, of Bridgenorth, Ont., who have long been associated with the lumber business, recently bought out the Peterboro Fuel & Transfer Co., in Peterboro, and are very busy at the present time.

D. Aitcheson & Co. Limited, Hamilton, Ont., is a new firm recently incorporated with provincial charter to manufacture and deal in all kinds of wood products. Capital \$100,000.

E. C. Poisson, Ford, Ont., formerly Mayor of that town, was defeated in the recent contest for the civic chair by Eugene Reaume. Mr. Poisson has for some years been in the retail lumber business in Ford and has built up a large trade.

The Lakefield Lumber Co., of Lakefield, Ont., (with which the late John Duignan was associated), are operating through jobbers on their limits and expect to have a larger cut than usual during the coming season at their well-equipped mill.

While operating a rotary saw in Hicks & Company's mill at Dalhousie Junction, N. B., A. Beakingham died recently. He had served overseas for three years. Beakingham's death was caused by a piece of wood flying up from the saw and striking him.

Buildings permits of \$35,244,278 aggregate value were issued by the City Architect's Department for the year 1922 in Toronto, constituting a new record. This total is \$11,366,038 greater than in 1921 and \$7,842,517 in excess of the total for the previous record year of 1912.

Mrs. Blackburn, widow of the late Robert Blackburn of the Hawkesbury Lumber Co., who was a prominent financier and lumberman of Ottawa, died recently. The remains of Mrs. Blackburn were interred in Beechwood cemetery and the obsequies largely attended.

Some time ago on account of frozen booming grounds the Canadian Western Company's plant at Fraser Mills, B. C., was forced to close down for a few days. Work, however, was resumed lately and the employees were working overtime in order to catch up with production.

There was heard in the courts at Ottawa recently a long-standing dispute regarding the boundary of timber limits in the Nipissing district, some of which are owned by the Golden Lake Lumber Co., which forms part of the M. J. O'Brien interests, against John R. Booth, of Ottawa.

Substantial additions and alterations are being made to the plant of Thurston-Flavelle, Limited, at Port Moody, B. C. It is expected that production will be increased by about 25 per cent. The old roof has been torn off and a new one put on while the mill has been widened by 24 feet.

The Summerland Lumber Co., Mineola, B.C., are preparing plans for the erection of a \$4,000 box factory at Summerland, B.C. At present the company are operating at Mineola, but will move their small plant and equipment to Summerland when the new building is completed.

F. S. Pearce, of the Pearce Company, Marmora, Ont., was in Toronto recently on business and reports that the outlook in the hardwood market is greatly improving. More inquiries are being



received and it is believed that the demand will be very steady with prices tending to strengthen considerably.

It is believed that 1923 will be the biggest shipping year in the lumber industry in British Columbia and many charters have been fixed. The Norwegian steamer "Hallgyn," was recently at New Westminster taking on a record from that district of 3,500,000 feet of lumber. She is believed to be the largest vessel that was ever up the Fraser River.

L. L. Brown, B. C. Lumber Commissioner for Eastern Canada, who has been spending several months in the Pacific Coast province on business connected with his department, arrived in Toronto recently. He reports that the outlook for the lumber industry in the West is bright and that all the mills are looking forward to a steady, growing demand from the United States and the Orient.

Among the by-laws voted upon recently in Meaford was one granting exemption of taxes for five years to the Meaford Mfg. Co., and another to guarantee bonds for \$20,000. for the Knight Mfg. Co. The first measure was carried by 111 votes but was defeated by 51 on the two-third requirements. The latter was carried by 173 votes but was defeated on a two-third vote of the property-holders by 12.

A. D. F. Campbell, of A. F. Campbell & Son, retail lumber dealers, Arnprior, Ont., was re-elected as councillor for that progressive town at the recent elections. Out of seven candidates he received the highest vote at every poll with a total margin of 66 over his next competitor. This makes Mr. Campbell's third year as a civic father. His municipal record is one that has been marked by ability and faithfulness.

The many friends of H. J. Terry, president of Terry & Gordon, Limited, Toronto, and retiring chairman of the Wholesale Lumber Dealers' Association, Inc., will sympathize with him in the death of his mother, Mrs. Edward Terry, who passed away on January 3rd in her 83rd year. The remains were interred in Mount Pleasant Cemetery. Mrs. Terry was one of the oldest and most highly respected residents of Toronto.

Many friends among the retail lumbermen will regret to learn that John Ferguson, Mayor of North Bay, Ont., for a number of years, was defeated in the recent election. Mr. Ferguson will always be held in kindly regard by the members of the O.R.L.D.A., who in 1920 took a trip up north and were splendidly welcomed by the lumbermen of that district, Mayor Ferguson was most active in entertaining the visitors during their stay in the railway town.

Ald. S. L. Lambert, retail lumberman, who for some years has been a member of the city council of Welland, Ont., was a candidate for the Mayoralty in the recent election but was defeated. He will, no doubt, come up smiling again next year for there are few men in Welland who have done as much for the material prosperity of the city as "Sam." Lambert who built a fine new hotel, opera house and other public buildings and has erected hundreds of homes to improve the beauty and attractiveness of that industrial centre.

The many friends of Frank J. Carew, of the John Carew Lumber Co., Lindsay, Ont., will congratulate him on his elevation to the position of chief magistrate of that town. He won a signal victory at the polls and during his years of service in the council has done much to advance the welfare and prosperity of Lindsay. Mr. Carew is one of the most popular young lumbermen in the province but finds opportunity to devote considerable time and talent to the up-building of the community in which he has been a life-long resident. He is a son of John Carew, ex M. L. A., Lindsay.

The contractors who are building the extension of the T. & N. O. Railway northward from Cochrane, Ont., have caught up their schedule. The contract was let during the second week in February last, and the steel is now in place for a distance of 42 miles, the full distance specified for the current year. In addition to this, about sixteen miles of the ballasting has been done. The end of 1923 is expected to find the T. & N. O. extension completed to Tin Can Portage, the new work having then covered over half the distance separating Cochrane from tidewater on James Bay.

An important announcement is made in newsprint circles which means that Price Bros. & Co., of Quebec, will triple their present product. As a result of negotiations recently concluded between the Provincial Government of Quebec and a new company organized to develop the power resources of Lake St. John and the Saguenay River, which work is already in its initial stages, it was stated at the office of the Canadian Export Paper Co., Montreal, recently that Price Bros. & Co., Limited, for whom they act as export selling distributors, will enter upon a big problem of expansion which will extend over three years. The output of newsprint from the company's present and proposed new plant will be increased from 300 tons to 900 tons daily or 280,000 tons a year. The initial work of installation is already under way, and the program calls for the production of 200 tons a day, new output by January 1924, and 200 tons additional at the beginning of each of the two succeeding years until the maximum is reached.

## The Beck Lumber Company

PENETANG, ONTARIO

Manufacturers & Dealers of

## WHITE PINE—RED PINE HEMLOCK—LATH

Planing Mills in Connection—Our Dressing will  
Save You Freight

TORONTO OFFICE 10 PARLIAMENT STREET

F. H. Horning M 2170

## NEW EQUIPMENT

New Dressing and Resawing Plant with "Woods" Fast  
Feed Planer Matcher with Profiler, and "Yates" Resaw

Situated on C.N.R. at Nelson N.B. Milling in Transit

These additional facilities were made necessary by our  
growing business. With it we will be able to offer even  
greater service and quality to our customers.

## O'BRIEN LIMITED

Established 1869 by John O'Brien

Manufacturers of Lumber

Rail and Deep Water Shipment

South Nelson, N. B.

Miramichi, Can.

## FOR SALE

5 cars  $\frac{5}{8} \times 4''$  and wider (chiefly 4'') random  
lengths

Log Run Quebec Spruce

Dry Stock

Write or wire for quotations

WIGHTMAN LUMBER CO., Limited

263 St. James St. MONTREAL, CANADA.

## Install a "By-Pass" Exhauster

in your Saw Mill, Planing Mill or Plant

Our "By-Pass" Exhaust systems save your power  
and give better service. They handle green sawdust or  
wet, stringy material that usually clogs up an ordinary  
Blower system. The fan wheel is not overhung. No  
heating, clogging, or shaking. Three bearings.

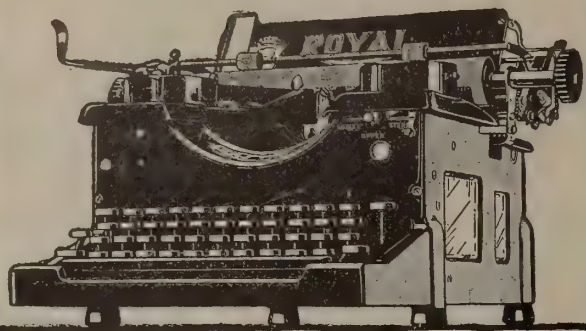
We manufacture and install systems complete.

Write for information.

Toronto Blower Company

156 Duke St., Toronto





**built for  
big busi-  
ness. simple,  
direct, speedy.  
Gives extra years  
of Service ~ ~**

Write for a demonstration of  
the "Royal" exclusive features

**ROYAL**

*"Compare the work"*

Royal Typewriter Co., Limited

36 Notre Dame St., Montreal, Que.

Branches in all principal Canadian cities

Herbert F. Hunter, Vice President  
**The Hunter Lumber Company, Inc.**  
New Britain, Conn.

## WHOLESALE LUMBER

Correspondence solicited with parties having  
spruce and pine ready to ship, and to be  
milled the coming season. Will furnish  
schedules. Give your Cash Prices delivered  
Boston and Connecticut points.

## Keep Your Horses Strong and Healthy

The purchase of superior quality horse feed such  
as sold by Vannatter & Ham is an investment  
that repays itself many times over. It keeps your  
horses in the best of condition and ready for the  
heaviest day's work.

Write for quotations.

SUPERIOR QUALITY

**OATS**

(CRUSHED, WHOLE CHOPPED)

**CORN**

**BRAN**

**SHORTS**

*Finest  
Grade  
Flour  
Our  
Specialty*

**VANNATTER & HAM**

LIMITED

718 DOMINION BANK BUILDING, TORONTO

TELEPHONES

DAYS

Adelaide 6840  
Adelaide 6841

NIGHTS

Hillcrest 7362w  
Junction 4828j

## Pulpwood Operators, Lumbermen and Jobbers

Valuable time saved by using our Standardized  
Rowing and Power Pointers.

Specially designed for river, lake and mill pond work.

**Gidley Boat Company, Ltd.**

Boats and Engines of all kinds

**PENETANG, ONT.**



# ATKINS

## STERLING QUALITY SAWS

**As Demand Con-  
tinues to Increase**

**It will not benefit you--**

unless your mill is equipped with the right kind of Saws, Saw Tools and Machine Knives.

Now, there is only one best brand to buy; it bears the name

**ATKINS**

Specify your Saws, Saw Tools and Machine Knives by name. Say "ATKINS." Costs no more in the beginning and saves you money in the long run.

Leading manufacturers of Saws, Saw Tools and Machine Knives, also Atkins-Coleman Feed Rollers. Use Acrolite and Ferrolite Wheels for your saw gumming and knife grinding. Increase your belt efficiency by using Cantol Belt Wax.

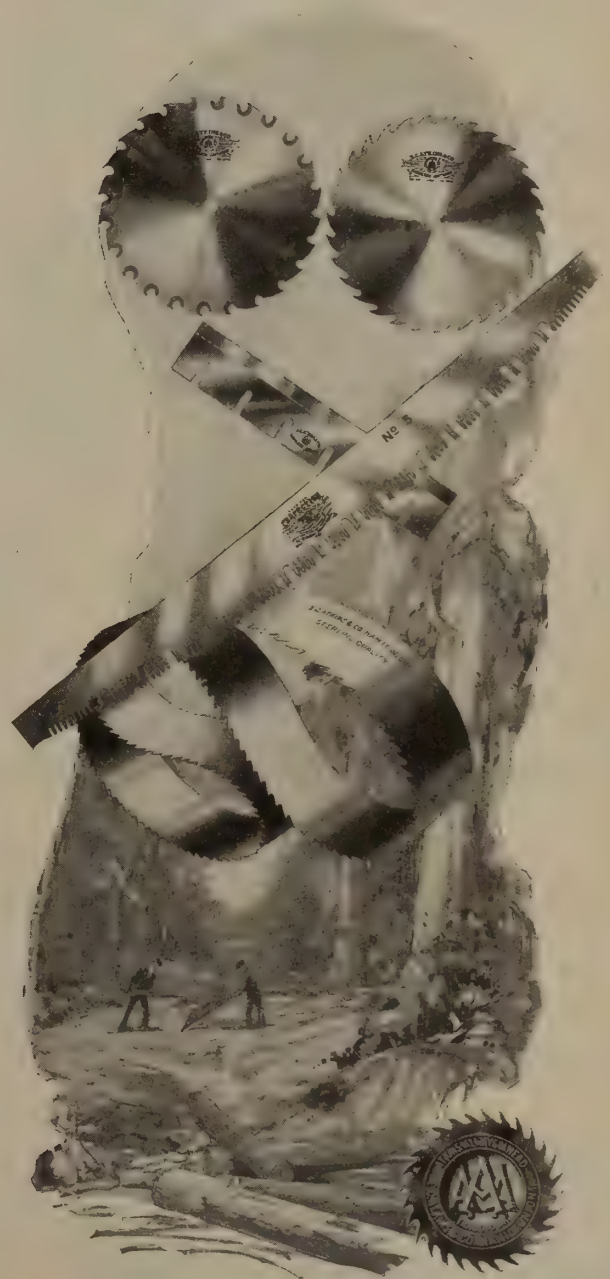
**E. C. ATKINS & CO.**

Established 1857

The Sterling Quality Saw People

Canadian Factory, HAMILTON, Ontario

Branch carrying complete stock, VANCOUVER, B. C.



**MADE IN CANADA**





*Now Used Everywhere!*  
**COLEMAN  
QUICK-LITE**  
Lamps and Lanterns

Sold by Commissaries, Hardware and General Stores. 300 Candle Power brilliance. Make own gas from common gasoline.

Write us, Dept. C-L1, if you can't conveniently examine them.



**The Coleman Lamp Company, Ltd.**  
Toronto Canada



**Excelsior  
Cutting Machinery**

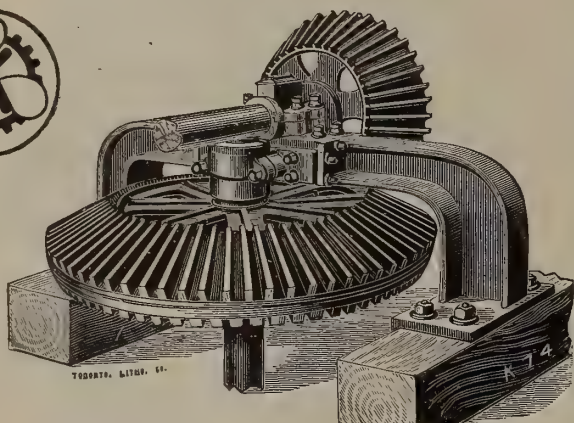
Manufactured By

**The Elmira Machinery  
and Transmission Co.**

Elmira, Ont.

Write for Circular and Prices

**KENNEDY**  
Transmission Machinery



We have, without exception, the largest range of patterns in Canada for gears, pulleys, bearings and bridgetrees. We build transmission Machinery to any specifications.

**The Wm. Kennedy & Sons**  
OWEN SOUND ONTARIO LIMITED

M. B. SAUNDERS,  
8 Silver Street, Cobalt  
Phone Cobalt 153

District Representatives  
L. A. MITCHELL,  
1091A Bathurst Street,  
Toronto,  
Phone Hillcrest 2014

H. C. KENNEDY,  
232 St. James Street,  
Montreal,  
Phone Main 394

**JOHNSON'S  
Veterinary Remedies**

are the surest, the most economical and the best medicines with which to equip your stables. They have been on the market for thirty years and still retain their superiority over all others.

The quality never varies, it is our first consideration.  
Prices in effect at the present time are as follows:

Johnson's Horse Liniment No. 1	Per Gal.	\$7.00
Johnson's Horse Liniment No. 1	Quarts, Per Doz.	19.00
Johnson's Horse Liniment No. 1	Pints, Per Doz.	10.00
Johnson's Horse Colic Remedy	Per Gal.	12.50
Johnson's Horse Colic Remedy	Quarts (8 Doses each) Doz.	30.00
Johnson's Horse Colic Remedy	Pints (4 Doses each) Doz.	15.00
Johnson's Veterinary Healing Ointment (Gall Cure)		
2 lb Tins	each 2.25 Doz.	24.00
1/4 lb. Tins	Per Doz.	4.00
Johnson's Concentrated Condition Powders, 1 lb. Pkgs.	Doz.	6.50
Johnson's Condition Powder, No. 2	Doz.	3.00
Johnson's Horse Worm Powders	Pkgs. Per Doz.	8.00
Johnson's Purging Balls	Per Doz.	4.00
Johnson's Cough & Heave Powders	Per Doz.	4.50
Johnson's Antiseptic Dusting Powder		
(For Drying and Healing Sores, Proud Flesh, etc.)	Per Doz.	8.00
"Kreoline," antiseptic, deodorizing	Per Gal. Tin	1.90

Our Family and Van Remedies are as follows:—

Pine and Tar Cough Syrup	Big 4 Liniment—Mosquito Oil
Purgative Pills	X Ray Liniment
Little Liver Pills	Cholerine Mixture (Diarrhoea)
Porous Plasters	Headache Powders
Stomach Bitters	Sarsaparilla
Laxative Cold Tablets	All Healing White Ointment

All Drugs and Patent Medicines at Market Prices.  
Mail orders solicited — Prompt shipments made.

**A. H. JOHNSON** WHOLESALE DRUGGIST  
Collingwood, Ontario

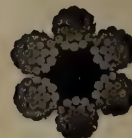
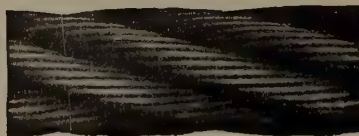
**CLIMAX GEARED LOCOMOTIVES**  
ARE BUILT FROM 12 TO 90 TONS



Get  
Catalogue  
"K"

CLIMAX MANUFACTURING Co., CORRY, PA.  
CLIMAX LOCOMOTIVE CO., 67 COLUMBIA ST., SEATTLE, WASH.  
VANCOUVER MACHINERY DEPOT, LTD., VANCOUVER, B.C.

**WIRE ROPE**



**"We have the Right Rope for every purpose"**

The contributing factors in making good Wire Rope are: 1. Men who know how. 2. The best grade of materials. 3. The most modern machinery. We have all three and are producing the goods. Give us a trial.

**We solicit your enquiries. Write for our catalogue.**

Stock carried in Montreal by J. H. HANSON CO. LTD., Agent

**Canada Wire & Iron Goods Co., Hamilton**

Stock carried in Edmonton and Calgary  
N. F. Judah, McLeod Building, Edmonton, Agent



# How Long Will It Last?

This is a High Speed, Edger Drive with a Small Driven pulley, and Idler on the slack side of the belt. In addition the load is irregular and requires anywhere from 85 to 150 H. P. How long do you think this belt should give good Service?

## Condor BELT

### SPECIFICATIONS:

Drive Pulley 72 inches in diam. Speed 350 R. P. M.

Driven Pulley 18 inches in diam. Belt Speed 6600 ft. per min.

The belt is a 14 inch 6 ply Endless Condor, 40 feet 11 inches long. It has been in service 15 months and looks good for many more.



## The General Supply Co. of Canada, Limited

Ottawa Montreal Toronto North Bay Moncton, N.B. Winnipeg Vancouver  
Large Stocks Carried



# Rubber Goods FOR LUMBERMEN

### Belting

Our long experience in the making of Rubber Belts enables us to specialize on this line. "P. M. S.," "Special Drive" and "Lion" are our leading brands for power transmission.

### Packings

"Redstone" High Pressure Sheet Packing has proved by test that it will outlast any other similar packing on the market. We make Spiral and Ring Packings, etc., that are equally reliable.

### Hose

for Steam, Water, etc., in various grades, made especially to give satisfactory and economical service under different conditions.

### Fire Hose

One or more of our twenty brands of Fire Hose will be found, not only in the best equipped Factories, Mills, etc., but in almost every Fire Department in the Dominion.

### Rubber Footwear

We make a complete line of Lumbermen's boots. For over 25 years, our Maltese Cross Brand has been the leading line in Canada. Make sure you get this old dependable brand.

## Gutta Percha & Rubber, Limited

TORONTO HALIFAX MONTREAL OTTAWA HAMILTON LONDON FORT WILLIAM WINNIPEG REGINA  
SASKATOON EDMONTON CALGARY LETHBRIDGE VANCOUVER VICTORIA



# General Produce and Lumbermen's Supplies

Blankets,  
Tents,  
Oil Clothing  
and  
Camp  
Supplies  
of all  
Kinds

We are prepared to handle your supplies in any quantities and have particularly good facilities for shipping carload lots. These include our own railway sidings, and deep water wharfage facilities.

## PUBLIC WAREHOUSING

All classes of general merchandise handled in transit or for storage. Our location enables us to give assurance of excellent service. You will find our charges reasonable.

**A. H. M. HAY, Quebec City** Phone 5311  
Residence 6383

Hay  
Oats  
Peas  
Beans  
Potatoes  
Flour  
Pork,  
Lard,  
etc.

# Shingle, Box-board and Heading Machine



**T**HIS machine carries a 40" saw and is of the most modern type in every respect. Write for printed matter and prices.

We have for sale a complete Shingle Mill Outfit and one Saw Gummer, all manufactured by the William Hamilton Co.

*Snap for quick sale*

**The G. Walter Green Company, Limited**  
Peterborough — Ontario

To Purchasing Agents of  
**Groceries and Camp Supplies**

*Is our name on your Requisition List?*

**LANGLOIS & PARADIS, LTD.**  
19 ST. JAMES ST., QUEBEC CITY



# Pink's Lumbering Tools

The Standard Tools in every province of the Dominion, New Zealand, Australia, etc.  
We manufacture all kinds of lumber tools. Light and Durable.

Long Distance Phone, No. 87

Send for Catalogue and Price List.

Sold throughout the Dominion by all Wholesale and Retail Hardware Merchants.

## The Thomas Pink Company, Limited

*Manufacturers of Lumber Tools*

PEMBROKE

ONTARIO

It's a Pink any-  
way you take  
it and it's the  
best Peavey  
made.



MADE IN  
CANADA



*Not altogether what we say,  
but what users say*

"We have used the Alligator or Warping Tug manufactured by you for the last 7 or 8 years, and consider them indispensable to lumbermen on waters of French River or similar streams."

Will move a bag containing 60,000 logs,  
in calm weather, 30,000 in a head wind.

**West, Peachey & Sons Simcoe, Ont.**

## FIRE WALLS ARCHES BRIDGE WALLS

Would you use bricks, half bricks and fire clay for repairs when one solid brick would do the work? **PLIBRICO** comes in plastic form and when baked out is a brick of the required size without joints. Skilled labor not necessary in installing.

Write us for estimates and for copy of book on "MODERN FURNACE BUILDING."

Manufacturers of "BOICO" feed water treatment and  
**SHELL-BAR GRATES**

and

Dealers in Tip It Welding Compound, Nox-Aer-Leek, Ever-jet Paint, Gaskets and Packing and every **ENGINE ROOM NECESSITY.**

## SHELL-BAR, BOICO SUPPLY, LIMITED

Phone Parkdale 2470 — 1-15 Saunders Avenue  
TORONTO



"SAMSON"

# BLUE STRAND

*No Wire Rope is More Economical*

Spreads Its First Cost over a Long Period of Service

ROPES OF ALL CONSTRUCTIONS AND SIZES IN STOCK

## The Dominion Wire Rope Co.

LIMITED

Head Office: MONTREAL — Stocks also at: TORONTO, WINNIPEG



# ALPHABETICAL INDEX TO ADVERTISERS

Abrams Sons Ltd., John .....	29	Davies Co., Wm. ....		Johnson, A. H. ....	68	Robertson & Hackett Sawmills, Limited .....	
Adams River Lumber Co. ....		D'Auteuil Lumber Co. ....	8	Julien, Roch .....	16	Rolland Lumber Co. ....	19
Anderson Lumber Co., C. G. ....	12	Dadson, A. T. ....	8			Rose-McLaurin Ltd. ....	14
Anderson, Shreiner & Mawson ..	27	Department of Lands (Ontario)	7	Keewatin Lumber Co. ....	8	Royal Typewriter .....	57
Apex Lumber Co. ....	22	Disston & Sons, Henry .....		Kennedy & Sons, Wm. ....	68	Russell Harris Lumber Co. ....	8
Associated Mills Ltd. ....	21	Dominion Belting Co. ....		Kinnon Lumber Co. ....	19		
Atlantic Lumber Co. ....	4	Dominion Timber Products ..	18	Knox Brothers .....	3		
Atlantic Pacific Lumber Co. ....		Dominion Wire Rope Co. ....	71				
Atkins & Co., E. C. ....	67	Dudley, Arthur N. ....	28	Laidlaw Bale Tie Co. ....	13	Santerre & Pineau .....	29
Austin & Nicolson Ltd. ....	17			Lamontague Limited .....		Savage & Bartlett .....	13
		Eagle Lumber Co. ....	64	Langlois & Paradis .....	70	Schroeder Mills & Timber Co. ..	23
Bailley, A. A. ....	29	Eastman Lumber Co. ....	17	Larkin Co., C. A. ....		Scott, Draper & Co. ....	20
Bartram, J. C. ....	31	Eaton & Sons, J. R. ....	10	Larkin Lumber Co. ....	17	Sewall, Jas. W. ....	13
Bainbridge Lumber Co. Ltd. ....		Eddy Co., E. B. ....	1	Lay & Haight .....		Shannon Lumber Co., R. P. ....	28
Beck Lumber Co. ....	65	Edwards & Co. Ltd., W. C. ....	32	Leigh Lumber Co. ....		Sharples, Ltd., W. & J. ....	29
Bell, Geo. W. ....	12	Elk Fire Brick Co. ....	78	Linton Lumber Co. ....	31	Shell-Bar Boico Supply Ltd. ....	71
Bennett Lumber Co. Ltd. ....	30	Elmira Machinery & Transmission Company .....	68	Loggie, W. S. ....	14	Shelvin-Clarke Co. ....	6
Bernard Industrial Co. ....	74	Engineering & Machine Works ..	73	Lloyd, W. Y. ....	13	Shimer Cutter Head Co. ....	
Beveridge Supply Co. Ltd. ....		Excelsior Lumber Co. ....		London Concrete Machinery Co.		Shull Lumber & Shingle Co. ....	18
Big Bear Lumber Co. ....	28			Long Bell Lumber Co. ....		Shurly Dietrich Co. ....	
Black Rock Lumber Co. ....		Farnworth & Jardine .....	12	Long Lumber Co. ....	31	Shurly Co. Ltd., T. F. ....	
Brady Machinery Co. ....	84	Fassett Lumber Co. ....	11	Long Manufacturing Co., E. ....	82	Simonds Canada Saw Co. ....	34
British Columbia Lumber Commissioner .....	16	Fesserton Timber Co. ....	7			Smart Turner Machine Co. ....	1
Brennen, F. W. ....	8	Fletcher Corporation .....	28	McCormack Lumber Co. ....		Smart, Jas. ....	75
Burchill & Sons, Geo. ....		Floyd-Esbin Co., Ltd. ....	63	McClung, McLellan & Berry ..		Smith Foundry Co. ....	74
Burns Underwriting Co. ....	1	Foley Lumber Co. ....	13	McCuaig & Co., Jas. C. ....	19	Smith Lumber Co., Ltd. ....	29
Bury & Co., Robert .....	23	Fraser Bryson Lumber Co. Ltd.	19	McDonagh Lumber Co. ....	16	Smith, N. ....	12
		Fraser Companies Ltd. ....	15	McIlroy Lumber Co. ....	25	Stalker, Douglas A. ....	
Cameron Lumber Co. ....	25			McFadden & Malloy .....	27	Spanish River Lumber Co. ....	24
Campbell, MacLaurin Lumber Company .....	64	Gartshore, John J. ....	1	McKinnon-Columbus Chain Co. Limited .....		Spencer, C. A. ....	64
Canada Foundries & Forgings ..	75	General Supply Co. of Canada ..	69	McLennan Lumber Co. ....	17	Stack Lumber Co. ....	14
Canadian General Lumber Co., Ltd. ....	13	Gerlach Co., Peter .....	75	McLaren, Limited, D. K. ....		Staples Lumber Co., Otis .....	63
Canadian Link-Belt Co. ....		Gidley Boat Co. Ltd. ....	66	MacLean Building Reports ..	57	St. Mary's Wood Specialty Co. ..	12
Canadian Western Lumber Co., Ltd. ....		Gillespie, Jas. ....	13	Manufacturers' Lumber Co. ....	10	Story Lumber Co. ....	30
Canada Wire & Iron Goods .....	68	Gillies Bros., Ltd. ....	20	Mason & Co., Geo. ....	8	Summers, James R. ....	12
Canfield, P. J. ....	14	Goodhue & Co. Ltd., J. L. ....	73	Maus, Chas. O. ....		Sutherland Lumber Company Limited, A. A. ....	30
Cant & Kemp .....	12	Goodday & Co., H. R. ....	11	Mason, Gordon & Co. ....	32	Swift Canadian Co. ....	77
Carew Lumber Co., John .....	30	Gordon, A. E. ....	24	Mershon, Wm. B. ....		Sylvester Mfg. Co., Ltd. ....	
Canadian Holt Co. ....	61	Gordon & Co., Ltd., Geo. ....	5	Miller Co., W. H. ....	20		
Canadian Milk Products .....	79	Gloucester Lumber & Trading ..	22	Montreal Locomotive Works ..	78	Terry & Gordon .....	9
Canadian Puget Sound Lumber & Timber Co. ....	25	Grant-Holden-Graham Ltd. ....	79	Montreal Lumber Co. ....	12	Thompson & Heyland Co. ....	20
Canadian Tie & Lumber Co. ....	27	Gravel Lumber Co. Ltd. ....	31	Muir & Kirkpatrick .....	32	Thurston-Flavelle Ltd. ....	22
Chaleurs Bay Mills .....	5	Gregertson Brothers Co. ....	19	Murphy Lumber Co., Wm. J. ....	10	Timberland Lumber Co. ....	25
Chesbro, R. G. ....	17	Green Co., G. Walter .....	70	Mussens, Limited .....	81	Timms, Phillips & Co. ....	18
Clark Bros. ....	34	Greig-Morris Co. ....	20	Musgrave & Co. Ltd. ....		Toronto Blower Co. ....	65
Clarke & Sons, Edward .....	6	Grier & Sons, G. A. ....	75			Tudhope Anderson Co., Ltd. ....	
Cleveland-Sarnia Sawmills Co. ..	59	Greening Wire Co., B. ....	75	Nevison & Brooks .....	10	Turner & Sons, J. J. ....	1
Climax Manufacturing Co. ....	68	Gutta Percha & Rubber Ltd. ..	69	New Ontario Colonization Co. ..	30		
Coburn Lumber Co. ....	29			Northern Pacific Logging Co. ..	18	U. G. G. Sawmills Ltd. ....	21
Coleman Lamp Co. ....	68	Hall Bros. ....	30			Underhill Lumber Co. ....	18-26
Coltart, & Co., Robt. ....	12	Hamilton Co., Ltd., Wm. ....	2	O'Brien Limited .....	65	Union Lumber Co. ....	
Crane, Limited .....		Hansen, A. K. ....		Oliver Lumber Co. ....			
		Hardy & Co., E. D. ....	1	Otis Staples Lumber Co. Ltd. ..	63	Vanatter & Ham .....	74
		Harris Tie & Lumber Co. ....	11			Vancouver Lumber Co., Ltd. ....	18
		Hay, A. H. M. ....	70	Pannill Door Co. ....	26	Victoria Harbor Lumber Co. Ltd.	17
		Hettler Lumber Co., Herman H.	64	Parry Sound Lumber Co. ....	10		
		Hocken Lumber Co. Ltd. ....	4	Payette Co., P. ....	77	Waterous Engine Works Co., Limited .....	83
		Hoe & Co., R. ....		Pedwell Hardwood Lumber Co.	16	Watson & Todd .....	10
		Hotel Tuller .....	63	Petrie Ltd., W. H. ....		Westminster Mill Co. ....	18
		Howland, H. S. ....	63	Phillips, Thos. N. ....	16	West Peachey & Sons .....	71
		Hunter Lumber Co. ....		Pink Co. Ltd., Thomas .....	71	Warton Lumber Co. ....	
				Power Lumber Co. ....	11	Wightman Lumber Co. ....	65
		Imrie Lumber Co., R. ....	19			Williams, D. ....	
		International Land & Lumber Company .....	28	Rankin-Benedict Co. ....		Wilson Bros. ....	20
				Rat Portage Lumber Co. ....	14	Wistar, Underhill & Nixon ....	16
				Rideau Lumber Co. ....		Woods Mfg. Co., Ltd. ....	
				Reed & Co. Ltd., Geo. W. ....	72	Yates Machine Co., P. B. ....	



## Safeguard Your Mill

The surest way to safeguard your mill against fires caused by flying sparks is to muzzle your smoke stack with a

### Thompson Spark Extinguisher

Mill owners throughout the country are realizing this more and more every day. The THOMPSON SPARK EXTINGUISHER is specially designed so that the draft is not checked. It is absolutely warranted to stop all dangerous sparks. Tell us the height and diameter of your smoke stack and we will quote you on a suitably sized "Thompson."

**GEO. W. REED & CO., LIMITED Montreal**



# A Good Belt Saves Money

THE money wasted in keeping a stretching belt taut amounts to a surprising figure. If you use "Goodhue" Belts in your mill or factory you can save most of this money because "Goodhue Belts" stretch less by 15 to 25 per cent. than any other belt. They are made from skillfully selected hides with the stretch taken out of each section before it is made up into the belt.

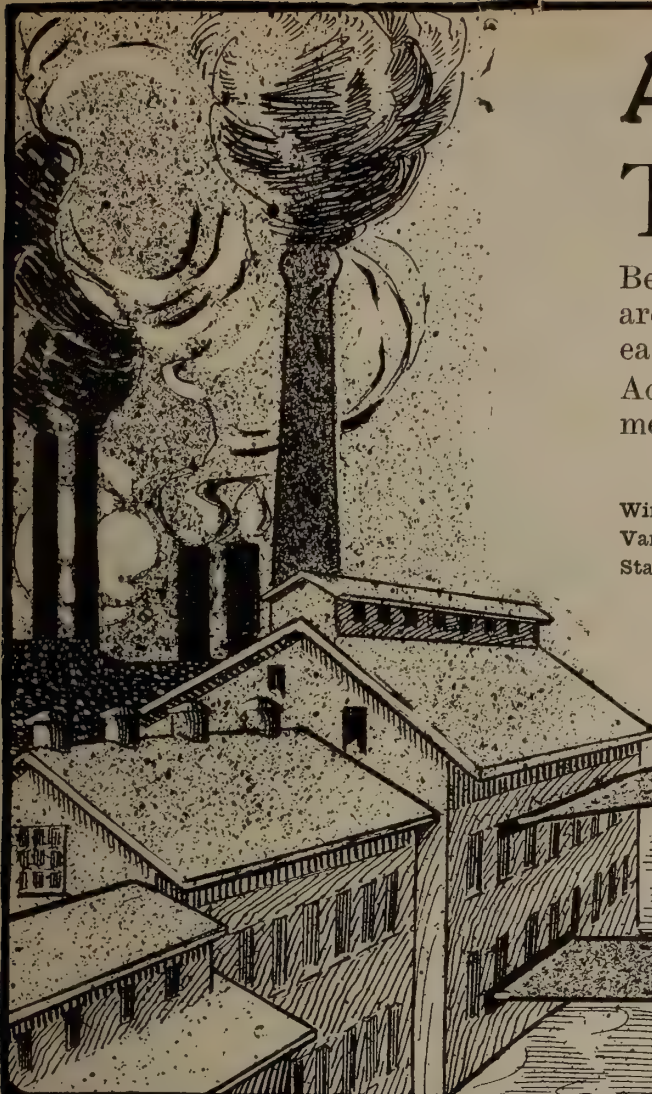
According to the conditions under which the belt is to run, we recommend "Extra," "Standard" or "Acme Waterproof" belts.

**Send for further particulars and prices**

Winnipeg Agents—Bisset & Webb, Limited, 126 Lombard Street, WINNIPEG, Man.

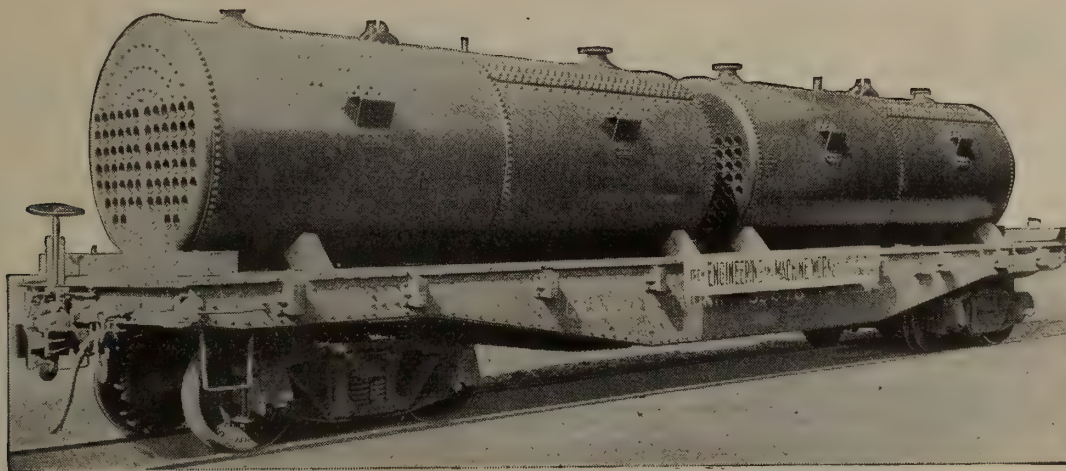
Vancouver Agents—Fleck Bros., Limited, 110 Alexander Street, Vancouver, B.C.

Standard Machinery & Supplies, Limited, 261 Notre Dame Street West, MONTREAL



**GOODHUE BELTS**  
J.L. GOODHUE & CO. Limited.

DANVILLE — QUEBEC.



## \$1946 buys a modern new Boiler

To give you an idea of the moderate price we ask for our high grade modern Boilers, built to suit Interprovincial Codes, we advise you that a 66" x 16', 125 lb. Horizontal Return Tubular Boiler, giving 110 h.p., costs \$1946, complete with suspension harness, including columns. Size 72" x 18', 150 h.p., costs \$2423. Other sizes, larger or smaller, in proportion. The returns to you in increased steam power, in lower fuel bills, will prove that an Engineering & Machine Works boiler will be the most profitable investment you can make.

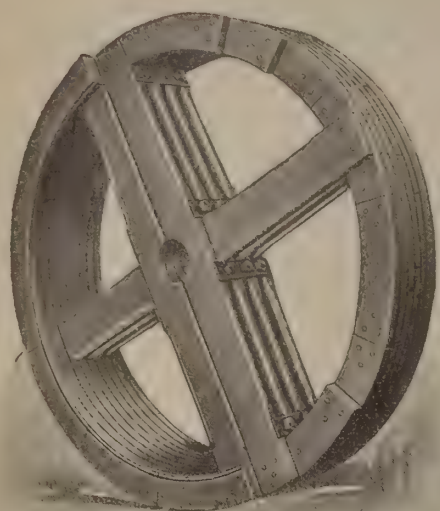
### Engineering & Machine Works of Canada, Limited

ST. CATHARINES, ONTARIO

*Eastern Sales Offices:*

Hall Machinery Co., Sherbrooke, Que., and Birk's Bldg., Montreal





## Bernard's WOOD SPLIT Pulleys

The  
Standard  
of  
Service

**T**HESE famous pulleys are designed and constructed to give the most efficient service throughout their long life. They combine many special features with unusual care in manufacture. Stock used is all thoroughly seasoned and dried, rigid inspection preventing faulty materials from being used. The result is a pulley which will stand up under the severest working conditions.

*Our line of clutches and locking collars is equally famous. Let us send you full information on your requirements.*

**The A. Bernard Industrial Co.**  
Fortierville, Que.

## Give your Horses a Treat

Try these superior quality

### OATS

(CRUSHED, WHOLE CHOPPED)

### CORN BRAN SHORTS

Lowest prices and quick delivery in either straight or mixed carloads.

We also make a specialty of the finest grade flour. Quotations promptly forwarded.

Phone or wire your orders

### VANNATTER & HAM

LIMITED

718 DOMINION BANK BUILDING, TORONTO

TELEPHONES

DAYS

Adelaide 6840  
Adelaide 6841

NIGHTS

Hillcrest 7362w  
Junction 4828j

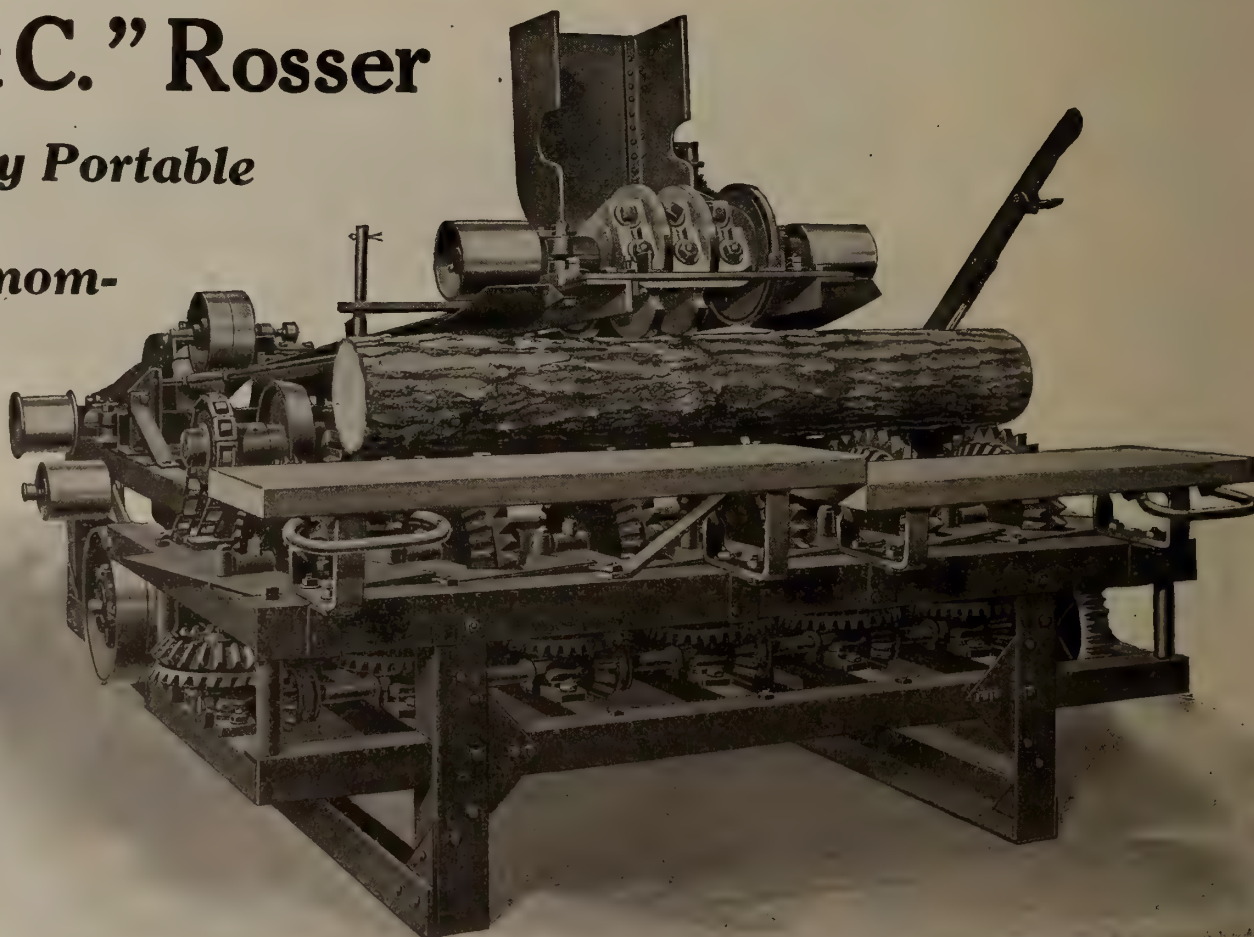
## The "J. & C." Rosser

"The only *Really Portable* Rosser made."

"The most *Economical* Rosser made."

"The *Best* Rosser made."

*Users* make all these statements, and we can supply you with the users' *Names*.



The Smith Foundry Company, Limited

Fredericton, N. B.



## Ask Your Hardware Man To Show You A "444"



The more you know about axes the more you will appreciate the easy hand-comfort and perfect balance of a Smart "444."

A clean, keen cutting axe with a fire-blued purple finish that resists rust.

*Single Bit  
Double Bit  
Any Shape  
Any Weight*

Made in Canada at

### The James Smart Plant

Brockville - Ont.

Vancouver Winnipeg Toronto Montreal St. John



## GREENING'S WIRE ROPE

Wire Rope made in the country in which it is used is better adapted to local conditions than rope made in countries where the exact conditions of use are unknown and not understood.

Greening's Wire Rope has been made in Canada for sixty years. In this time Greening's close and exact knowledge of the Canadian field has saved users of wire rope inestimable time and expense.

This thorough knowledge and the unvarying quality of Greening products have made them the accepted Canadian standard.

**Wire Rope      Wire Cloth**  
**Perforated Metals**  
**Protective Screens    Chains**  
and allied wire products

THE B. GREENING WIRE CO., LIMITED

HAMILTON, ONTARIO

MONTREAL, QUE.

WINNIPEG, MAN.

*Complete stocks carried at these points*

## Gerlach Modern Machinery Produces Cheaper and Better

Tight and Slack Cooperage Stock for Barrels, Kegs and Tubs, ready to set up into non-leaking packages of 5 to 120 gallons liquid capacity, or for semi-liquid and dry materials up to 800 lbs. weight. We manufacture machinery for sawing, jointing, planing and crozing staves; for sawing, jointing, dowsing, planing and circling heading.

### MODERNIZE YOUR PLANT

Scrap Machinery invented before the Civil War and install a Gerlach Outfit that will make Tight Barrels that are tight, from any strong non-porous timber.

### BUILD

Barrels with perfect joints that will not leak; a product that is infinitely superior to the tin and iron near barrels now being experimented with. Wood is tasteless, stainless and rustless and being a poor conductor of heat or moisture, keeps its contents in their original condition.

CYLINDER SAWS RESTEELED

MODERN BOXBOARD MACHINERY

### The Peter Gerlach Co.

Columbus, Winter and Leonard Sts.  
CLEVELAND, OHIO





# CANADA LUMBERMAN BUYERS' DIRECTORY

The following regulations apply to all advertisers:—Eighth page, every issue, three headings; quarter page, six headings; half page, twelve headings; full page, twenty-four headings

## ALLIGATORS

Payette Company, P.  
West, Peachy & Sons

## BABBITT METAL

General Supply Co., of Canada, Ltd.

## BALE TIES

Laidlaw Bale Tie Company

## BAND MILLS

Hamilton Company, William  
Waterous Engine Works Company  
Yates Machine Company, P. B.

## BAND SAW BLADES

Simonds Mfg., Co.

## BAND RESAWS

Mershon & Company, W. B.  
Yates Machine Co., P.B.

## BARKERS

Bertrand, F. X., La Compagnie  
Manufacturiere.

Horton Steel Works

Smith Foundry & Machine Co.

## BEARING METAL

Beveridge Supply Co., Ltd.

## BEDSTEADS (STEEL)

Simmons Limited

## BELT DRESSING

Dominion Belting Co.  
General Supply of Canada, Ltd.  
McLaren, D. K. Ltd.

## BELT FASTENERS

McLaren, D. K. Ltd.

## BELTING

Canadian Consolidated Rubber Co.  
Dominion Belting Co.  
General Supply Company  
Goodhue & Co., J. L.  
Gutta Percha & Rubber Company  
D. K. McLaren, Limited  
York Belting Co.

## BLOWERS

Reed & Co., Geo. W.  
Sturtevant, B. F. & Co.  
Toronto Blower Company

## BOILERS

Engineering & Machine Works of  
Canada  
Hamilton Company, William  
Waterous Engine Works Company

## BOILER PRESERVATIVE

Beveridge Supply Company  
Shell-Bar, Boico Supply Co., Ltd.

## BOX MACHINERY

Yates Machine Company, P. B.  
**BRAKING DEVICE**  
Ryther & Pringle Co.

## CABLE CONVEYORS

Engineering & Machine Works of  
Canada.  
Hamilton Company, William  
Waterous Engine Works Company

## CAMP SUPPLIES

Davies, The Wm. Co., Ltd.  
Dominion Molasses Co., Ltd.  
Dr. Bell Veterinary Wonder Co.  
Hudson Hebert & Cie  
Johnson, A. H.  
Swift Canadian Co., Ltd.  
Turner & Sons, J. J.  
Woods Manufacturing Co., Ltd.

## CANT HOOKS

General Supply Co., of Canada, Ltd.  
Pink & Company, Thomas

## CARS

Mussens, Ltd.

## CEDAR

Adams River Lumber Co.  
Bury & Co., Robt.  
Cameron Lumber Co.  
Canadian Western Lumber Co.  
Chesbro, R. G.  
Fesserton Timber Company  
McElroy Lumber Co., Ltd.  
Muir & Kirkpatrick  
Rose, McLaurin, Limited  
Terry & Gordon  
Thurston- Flavell Lumber Co.  
Vancouver Lumber Company.  
Victoria Lumber & Mfg. Co.

## CHAINS

Canadian Link-Belt Company, Ltd.  
General Supply Co., of Canada, Ltd.  
Engineering & Machine Works of  
Canada  
Hamilton Company, William  
Pink & Company, Thomas  
Waterous Engine Works Company

## CLOTHING

Grant-Holden-Graham  
Woods Mfg. Company

## CONCRETE MIXERS

Mussens, Ltd.

## CONVEYOR MACHINERY

Canadian Link-Belt Company, Ltd.  
General Supply Co., of Canada, Ltd.  
Hamilton Company, William  
Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.  
Waterous Engine Works Company

## CORDWOOD

McClung, McLellan & Berry

## COUPLING (Shaft)

Engineering & Machine Works of  
Canada

## CRANES

Hopkins & Co., Ltd., F. H.  
International Land & Lumber Co.  
Canadian Link-Belt Company, Ltd.

## CUTTER HEADS

Shimer Cutter Head Company  
Yates Machine Co., P.B.

## CYPRESS

Maus Lumber Co., Chas. O.  
Wistar, Underhill & Nixon

## DERRICKS AND DERRICK FITTINGS

Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.

## DOORS

Canadian Western Lumber Co.  
Mason, Gordon & Co.  
Terry & Gordon

## DOORS, FIREPROOF

Mussens, Ltd.

## DRAG SAWS

Gerlach Company, Peter  
Hamilton Company, William

## DRYERS

Coe Manufacturing Company

## DRY KILNS

Sturtevant, B. F. & Co.

## DUST COLLECTORS

Reed & Co., Geo. W.  
Toronto Blower Company

## EDGERS

Hamilton Company, Ltd., William  
Green Company, G. Walter  
Long Mfg. Company, E.  
Payette Company, P.  
Waterous Engine Works Company  
Yates Machine Co., P.B.

## ELEVATING AND CONVEYING MACHINERY

Canadian Link-Belt Company, Ltd.  
Engineering & Machine Works of  
Canada  
Hamilton Company, William  
Mussens, Ltd.  
Waterous Engine Works Company

## ENGINES

Engineering & Machine Works of  
Canada  
Hamilton Company, William  
Payette Company, P.  
Sylvester Manufacturing Co.  
Waterous Engine Works Company

## EXCELSIOR MACHINERY

Elmira Machinery & Transmission  
Company

## EXHAUST FANS

Sturtevant, B. F. & Co.  
Toronto Blower Company

## EXHAUST SYSTEMS

Reed & Co., Geo. W.  
Toronto Blower Company

## FIBRE BOARD

Manley Chew

## FILES

Disston & Sons, Henry  
Simonds Canada Saw Company

## FIR

Adams River Lumber Co.  
Apex Lumber Co.  
Associated Mills, Limited  
Bainbridge Lumber Company  
Cameron Lumber Co.  
Canadian Western Lumber Co.  
Canfield, P. L.  
Chesbro, R. G.  
Fesserton Timber Co.  
Grier & Sons, Ltd., G. A.  
Heeney, Percy E.  
Knox Brothers  
Mason, Gordon & Co.  
McElroy Lumber Co., Ltd.  
Robertson & Hackett Sawmills  
Rose, McLaurin, Limited  
Terry & Gordon  
Timberland Lumber Company  
Timms, Phillips & Co.  
Underhill Lumber Co.  
Vancouver Lumber Company  
Vanderhoof Lumber Company  
Victoria Lumber & Mfg. Company

## FIRE BRICK

Beveridge Supply Co., Limited  
Elk Fire Brick Company of Canada  
Shell-Bar, Boico Supply Co., Ltd.

## FIRE FIGHTING APPARATUS

Waterous Engine Works Company

## FITTINGS

Crane Limited

## FLOORING

Cameron Lumber Co.  
Chesbro, R. G.  
Long-Bell Lumber Company

## GEARS (Cut)

Smart-Turner Machine Company

**GUARDS (Machinery and Window)**  
Canada Wire & Iron Goods Co.

## HARDWOODS

Anderson Lumber Company, C. G.  
Anderson, Shreiner & Mawson  
Atlantic Lumber Company  
Black Rock Lumber Co.  
Bury & Co., Robt.  
Cameron & Company  
Clark, Edward & Sons  
Edwards & Co., W. C.  
Fassett Lumber Company, Limited  
Fesserton Timber Co.  
Gillespie, James  
Gloucester Lumber & Trading Co.  
Grier & Sons, Ltd., G. A.  
Hart, Hamilton & Jackson  
Heeney, Percy E.  
Knox Brothers  
Kinnon Lumber Co.  
Mason & Company, Geo.  
Maus Lumber Co., Chas. O.  
McDonagh Lumber Company  
McLennan Lumber Company  
McLung, McLellan & Berry  
Murphy Lumber Co., Wm. J.  
Pedwell Hardwood Lumber Co.  
W. & J. Sharples  
Spencer, Limited, C. A.  
Summers, James R.

## HARDWOOD FLOORING

Grier & Sons, Ltd., G. A.

## HARNESS

Lamontague, Ltd.

## HEMLOCK

Anderson Lumber Company, C. G.  
Anderson, Shreiner & Mawson  
Bartram & Ball  
Beck Lumber Company  
Big Bear Lumber Co.  
Bourgouin, H.  
Canadian General Lumber Company  
Edwards & Co., W. C.  
Fesserton Timber Co.  
Grier & Sons, Ltd., G. A.  
Hocken Lumber Company  
Mason, Gordon & Company  
McCormack Lumber Company  
McDonagh Lumber Company  
McElroy Lumber Co., Ltd.  
Robertson & Hackett Sawmills  
Snowball & Co., J. B.  
Spencer, Limited, C. A.  
Stalker, Douglas A.  
Sutherland Lumber Co., A. A.  
Terry & Gordon  
Vancouver Lumber Company  
Vanderhoof Lumber Company

## HOISTING AND HAULING ENGINES

General Supply Co., of Canada, Ltd.





## Let Him Be the Judge

*and Swift's Products will be his choice*

Old-timers in the lumber camps are keen critics of the food served and many a time have slipped away to another camp because the grub was better. Their preference for Swift's products is thus high tribute to the quality.

But the camp operator must consider other things. Supplies ordered must reach him promptly, in good condition, and without substitution. To ensure him this service, branches have been established from coast to coast, each carrying a very large stock ready for immediate shipment.

Why not take advantage of the perfect facilities offered you by the most up-to-date Packing House in Canada? One order will convince you of the superiority of Swift products and service.

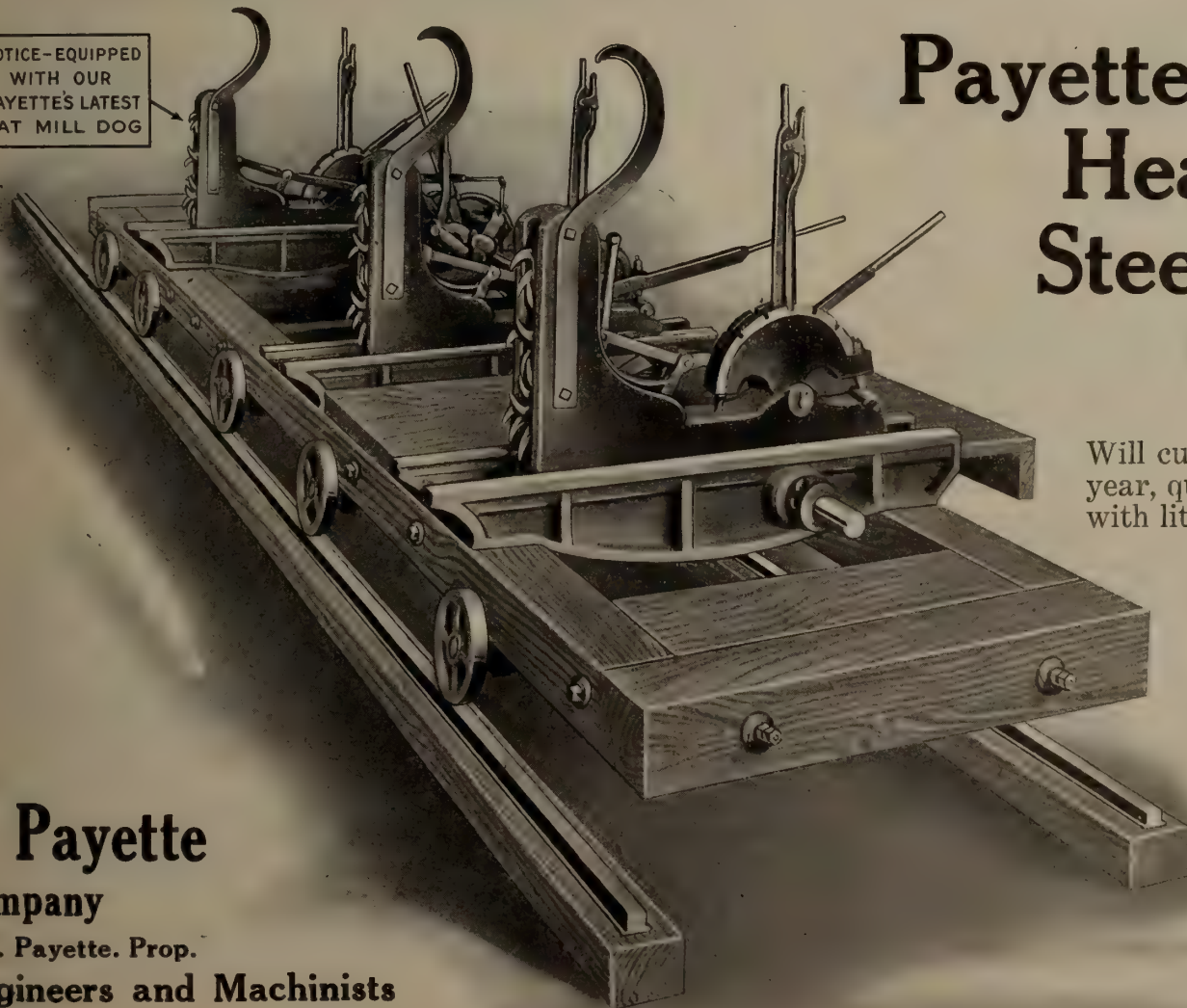
SILVER LEAF BRAND PURE LARD  
JEWEL BRAND SHORTENING  
BARRELLED BEEF AND PORK  
FRESH AND FROZEN MEATS  
COOKED AND SMOKED MEATS  
SAUSAGE, SOAP, CANNED GOODS

## Swift Canadian Co. Limited

**PLANTS:**—Toronto, Winnipeg, Edmonton, New Westminster

**BRANCHES:**—Ottawa, Montreal, Quebec, Hamilton, St. Catharines, Fort William

NOTICE—EQUIPPED  
WITH OUR  
PAYETTE'S LATEST  
PAT MILL DOG



## Payette's No. 2B Heavy Duty Steel Sawmill Carriages

Will cut your lumber year after year, quickly and accurately, but with little or no repairs.

We also make carriages, lighter models, in cast iron or steel.

Note:—All our carriages are equipped with Payette's 1921 Latest Improved Patent Mill Dogs which will handle logs from 3 to 60" in hardwood or pine.

Send for catalogue, blue prints, prices and specifications.

**P. Payette  
Company**

J. T. Payette. Prop.

**Engineers and Machinists  
PENETANG, ONT.**



Hopkins & Co., Ltd., F. H.  
London Concrete Machinery Co.  
Mussens, Ltd.

#### HOSE

General Supply Co., of Canada, Ltd.  
Gutta Percha & Rubber Company  
Mussens, Ltd.

#### INSURANCE

Burns Underwriting Company  
Hardy & Company, E. D.  
Rankin Benedict Underwriting Co.

#### INTERIOR FINISH

Cameron Lumber Company  
Canadian Western Lumber Co.  
Canfield, P. L.  
Eagle Lumber Company  
Mason, Gordon & Co.  
Rose, McLaurin, Limited  
Terry & Gordon

#### KILN DRIED LUMBER

Bury & Co., Robt.

#### KNIVES

Disston & Sons, Henry  
Simonds Canada Saw Company  
Waterous Engine Works Company

#### LAMPS AND LANTERNS

Coleman Lamp Co.  
Mussens, Ltd.

#### LARCH

Otis Staples Lumber Company

#### LATH

Adams River Lumber Co.  
Anderson, Shreiner & Mawson  
Apex Lumber Company  
Austin & Nicholson  
Beck Lumber Company  
Brennen & Sons  
Cameron Lumber Company  
Canadian General Lumber Company  
Carew Lumber Company, John  
Chaleurs Bay Mills

Dadson, A. T.  
Eagle Lumber Company  
Fassett Lumber Company, Limited  
Foley Lumber Company  
Fraser Bryson Lumber Co., Ltd.

Gloucester Lumber & Trading Co.  
Grier & Sons, Ltd., G. A.  
Harris Tie & Timber Company, Ltd.  
Larkin Company, C. A.  
Mason & Company, Geo.  
McLennan Lumber Company  
Miller, W. H. Company  
New Ontario Colonization Company  
Otis Staples Lumber Company  
Power Lumber Company  
Shevlin-Clarke Company  
Snowball & Co., J. B.  
Terry & Gordon  
U. G. G. Sawmills, Limited  
Union Lumber Company  
Victoria Harbor Lumber Company

#### LATH BOLTERS

General Supply Co. of Canada, Ltd.  
Hamilton Company, William  
Payette & Company, P.

#### LOCOMOTIVES

Engineering & Machine Works of  
Canada  
General Supply Co. of Canada, Ltd.  
Hopkins & Co., Ltd., F. H.  
Climax Manufacturing Company  
Montreal Locomotive Works  
Mussens, Ltd.

#### LINK-BELT

Canadian Link-Belt Company  
Hamilton Company, William

#### LOCOMOTIVE CRANES

Canadian Link-Belt Company  
Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.

#### LOGGING ENGINES

Engineering & Machine Works of  
Canada

Hopkins & Co., Ltd., F. H.  
Mussens Limited

#### LOG HAULER

Engineering & Machine Works of  
Canada  
Green Company, G. Walter  
Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.  
Payette & Company, P.

#### LOGGING MACHINERY AND EQUIPMENT

General Supply Co. of Canada, Ltd.  
Hamilton Company, William  
Hopkins & Co., Ltd., F. H.  
Payette & Company, P.  
Smith Foundry Co.  
Sylvester Manufacturing Co.  
Waterous Engine Works Company  
West, Peachey & Sons  
Mussens Limited

#### LUMBER DRY KILNS

Sturtevant, B. F. & Co.

#### LUMBER EXPORTS

Fletcher Corporation

#### LUMBER TRUCKS

Hamilton Company, William  
Mussens, Ltd.  
Waterous Engine Works Company

#### LUMBERMEN'S BOATS

Adams Engine Company  
Gidley Boat Company  
West, Peachey & Sons

#### MATTRESSES

Simmons Limited

#### MOTORS

Sturtevant, B. F. & Co.

#### NAILING MACHINES

Yates Machine Co., P.B.

#### OAK

Long-Bell Lumber Company  
Maus Lumber Co., Chas. O.

#### PACKING

Beveridge Supply Company  
Gutta Percha & Rubber Company

#### PANELS

Bury & Company, Robt.

#### PAPER

Beveridge Supply Company

#### PINE

Adams River Lumber Co.  
Anderson Lumber Company, C. G.  
Anderson, Shreiner & Mawson  
Atlantic Lumber Company  
Austin & Nicholson  
Beck Lumber Company  
Big Bear Lumber Co.  
Black Rock Lumber Co.  
Cameron Lumber Company  
Canadian General Lumber Company  
Canadian Western Lumber Co.  
Canfield, P. L.  
Chesbro, R. G.  
Cleveland-Sarnia Sawmills Company  
Cox, Long & Company  
Dadson, A. T.  
Dudley, Arthur N.  
Eagle Lumber Company  
Edwards & Co., W. C.  
Excelsior Lumber Company  
Fesserton Timber Co.  
Fraser Bryson Lumber Co., Ltd.  
Gillies Bros, Limited  
Gloucester Lumber & Trading Co.  
Gordon & Company, George  
Goodday & Company, H. R.  
Grier & Sons, Ltd., G. A.  
Harris Tie & Timber Company, Ltd.  
Hettler Lumber Co., Herman H.  
Hocken Lumber Company  
Julien, Roch  
Lay & Haight  
Lloyd, W. Y.  
Loggie Company, W. S.  
Long-Bell Lumber Company  
Mason, Gordon & Co.  
Mason & Company, Geo.

# FIRE BRICK AND CLAY

We make several brands of fire brick by every known process of manufacture from a selection of various high grade Pennsylvania clays. This enables us to furnish the best for your boilers, dutch ovens, refuse burners, kilns, etc. We specialize in fire brick for power plants and if you will advise us whether your boilers are hand fired or stoker fired and kind of fuel used we can then give you the proper brick for your work.

We carry a large stock of our different brands in various sizes and shapes in our Hamilton warehouse which enables us to ship at once.

We manufacture the following well-known brands:

**"Elkco Special," "Elk Steel,"**

**"St. Marys," "Keystone" and "M.D. Elk"**

Write for copy of our catalogue,

**Elk Fire Brick Co. of Canada, Ltd.**

HIGH GRADE FIRE BRICK and CLAY

**Sun Life Bldg., Hamilton, Canada**

Representatives for Maritime Provinces:

**RHODES, CURRY COMPANY, Ltd., Head Office, AMHERST, N.S.**  
Branches at Sydney and New Glasgow, N. S.



## Put your problem up to us

We are specialists in building locomotives. We build all types and sizes, also all kinds of repair parts for locomotives and tenders.

Our experience puts us in a position to give you expert advice as to what particular type and size of locomotive is best suited to your needs.

**Put Your Locomotive Problem  
up to us.**

**Montreal Locomotive Works**

Limited

**Dominion Express Building, : Montreal, Canada**



# Grant-Holden-Graham

**Manufacturing Wholesalers and Importers** Limited

**Ottawa**

**147-151 Albert Street**

**Canada**

## CLOTHING

The man in the bush needs the best clothing possible and that is the kind we strive to produce. G.H.G clothing is made by highly skilled workmen using the best quality materials only. Our **DURABIL MACKINAWs** are immensely popular with lumbermen who have worn them and we believe they set a new standard for this type of clothing.

Get our prices on Mitts, Gloves, Caps, Moccasins, Rubber Footwear, Snow shoes, Sweaters, Overalls, Bedding, etc-

## TENTS

Repeilent Brand duck tents are absolutely weather and mildew proof. They are strong, durable and comfortable—the ideal tent for those who work or play in the out-o'-doors.

Repellent Brand duck is also used in manufacturing horse covers, tarpaulins, wagon covers and wherever a durable canvas is required.

We also manufacture feather-weight silk tents and regular duck tents of double and twisted yarns.

## You need haul only 10% to 15% by weight of the milk you use in camp

ON THE haul from the railroad to camp you'll appreciate the fact that Canadian Milk Products Powdered Milk weighs only a fraction of its equivalent in liquid or prepared milk. In fact it weighs but 10% to 15% of fresh liquid milk—for it is fresh milk with all the water, which constitutes over 85% in weight, taken out.

You'll appreciate Canadian Milk Products Powdered Milk a lot more when you use it in camp. It won't freeze or sour, is easy to store and convenient to handle. And you drink it or cook with it exactly as you would fresh liquid milk.

*Samples and information gladly sent on request.*



**TRUMILK**  
Powdered whole milk. Packed in 45 and 90 lb. drums. Order direct from us.

**KLIM**  
(Hotel size)  
Powdered skimmed milk. In 10 lb. cans. Order from your jobber.

**MILKSTOCK**  
Powdered skimmed milk. Packed in 50 and 100 lb. drums. Order from your jobber or direct from us.

**CANADIAN MILK PRODUCTS LIMITED**  
10-12 St. Patrick Street, Toronto, Ont.

319 Craig Street, W.  
Montreal, Que.

428 Main Street  
Winnipeg, Man.

British Columbia Distributors: Kirkland & Rose, 130 Water Street, Vancouver

**MILKSTOCK**—Order from your jobber or direct from us.  
**TRUMILK**—Order direct from us.



McCormack Lumber Company  
McFadden & Malloy  
McLennan Lumber Company  
Montreal Lumber Company  
Muir & Kirkpatrick  
Northern Lumber Mills  
Otis Staples Lumber Company  
Parry Sound Lumber Company  
P. Q. Lumber Co.  
Rolland Lumber Company  
W. & J. Sharples  
Shevlin-Clarke Company  
Snowball & Co., J. B.  
Spencer, Limited, C. A.  
Stalker, Douglas A.  
Summers, James R.  
Terry & Gordon  
Union Lumber Company  
Victoria Harbor Lumber Company  
Watson & Todd, Limited

**PLANING MILL EXHAUSTERS**  
Toronto Blower Company  
Sturtevant, B. F. & Co.

**PLANING MILL FANS (Reversible)**  
Mussens, Ltd.

**PLANING MILL MACHINERY**  
Mershon & Company, W. B.  
Toronto Blower Company  
Yates Machine Company, P. B.

#### POPLAR

Keewatin Lumber Co.

**PORTABLE SAWMILLS**  
Brady Machinery Co.

**POST GRINDERS**  
Smith Foundry Company

#### POSTS AND POLES

Anderson, Shreiner & Mawson  
Canadian Tie & Lumber Co.  
Eagle Lumber Company  
Harris Tie & Timber Company, Ltd.  
Long-Bell Lumber Company  
Mason, Gordon & Co.  
McLennan Lumber Company  
Terry & Gordon

#### PULLEYS AND SHAFTING

Bernard Industrial Co., The A.  
Canadian Link-Belt Company  
General Supply Co. of Canada, Ltd.  
Green Company, G. Walter  
Engineering & Machine Works of Canada  
Hamilton Company, William  
McLaren, D. K. Ltd.  
Williams Machinery Co., A. R.

#### PULP MILL MACHINERY

Canadian Link-Belt Company  
Engineering & Machine Works of Canada  
Hamilton Company, William  
Payette & Company, P.  
Waterous Engine Works Company  
Williams Machinery Co., A. R.

#### PULPWOOD

British & Foreign Agencies  
D'Auteuil Lumber Company  
Price Bros. & Company  
Scott, Draper & Company

#### PUMPS

Engineering & Machine Works of Canada  
General Supply Co. of Canada, Ltd.  
Hamilton Company, William  
Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.  
Smart-Turner Machine Company  
Waterous Engine Works Company

**PLANING MILL EXHAUSTERS**  
(Steel Plate)  
Sturtevant, B. F. & Co.

#### RAILS

Gartshore, John J.  
Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.

#### ROOFINGS

(Rubber, Plastic and Liquid)  
Beveridge Supply Company  
Reed & Co., Geo. W.

#### RUBBER GOODS

Dunlop Tire & Rubber Goods Co.  
Gutta Percha & Rubber Company

#### SAWS

Atkins & Company, E. C.

Disston & Sons, Henry  
General Supply Co. of Canada, Ltd.  
Gerlach Company, Peter  
Green Company, G. Walter  
Hoe & Company, R.  
Radcliff Saw Mfg. Company  
Shurly Company, Ltd., T. F.  
Shurly-Dietrich Company  
Simonds Canada Saw Company

#### SAW GRINDERS

Smith Foundry Company

#### SAW MILL LINK-BELT

Canadian Link-Belt Company

#### SAW MILL MACHINERY

Brady Machinery Co.  
Canadian Link-Belt Company  
Clark Bros. Co.  
General Supply Co. of Canada, Ltd.  
G. Walter Green Company, Ltd.  
Hamilton Company, William  
La Compagnie Manufacture, F. X. Bertrand  
Long Mfg. Company, E.  
Mershon & Company, W. B.  
Parry Sound Lumber Company  
Payette & Company, P.  
Waterous Engine Works Company  
Yates Machine Company, P. B.

#### SAW SHARPENERS

Hamilton Company, William  
Waterous Engine Works Company

#### SAW SLASHERS

Hamilton Company, William  
Payette & Company, P.  
Waterous Engine Works Company

#### SHINGLES

Apex Lumber Company  
Associated Mills, Limited  
Cameron Lumber Company  
Campbell-McLaurin Lumber Co.  
Canadian Western Lumber Co.  
Carew Lumber Company, John  
Chaleurs Bay Mills  
Chesbro, R. G.  
D'Auteuil Lumber Company  
Eagle Lumber Company  
Fraser, Companies Limited  
Gillespie, James  
Gloucester Lumber & Trading Co.  
Grier & Sons, Ltd., G. A.  
Harris Tie & Timber Co., Ltd.  
Mason, Gordon & Co.  
McLennan Lumber Company  
Miller Company, Ltd., W. H.  
Rose, McLaurin, Limited  
Snowball & Co., J. B.  
Stalker, Douglas A.  
Terry & Gordon  
Timms, Phillips & Company  
Vancouver Lumber Company  
Vanderhoof Lumber Company

#### SHINGLE & LATH MACHINERY

Green Company, C. Walter  
Hamilton Company, William  
Long Manufacturing Company, E.  
Payette & Company, P.  
Smith Foundry Company

#### SILENT CHAIN DRIVES

Canadian Link-Belt Company

#### SLEEPING EQUIPMENT

Simmons Limited

#### SLEEPING ROBES

Woods Mfg. Company, Ltd.

#### SMOKESTACKS

Hamilton Company, William  
Horton Steel Works  
Reed & Co., Geo. W.  
Waterous Engine Works Company

#### SNOW PLOWS

Pink & Company, Thomas

#### SPARK ARRESTORS

Reed & Company, Geo. W.  
Waterous Engine Works Company

#### SPRUCE

Adams River Lumber Co.  
Anderson, Shreiner & Mawson  
Big Bear Lumber Co.  
Cameron Lumber Company

Campbell, McLaurin Lumber Co.  
Canadian Western Lumber Co.  
Chesbro, R. G.  
Coburn Lumber Co.  
Cox, Long & Company  
Dadson, A. T.  
Dudley Arthur N.  
Fassett Lumber Company, Ltd.  
Fraser, Companies Limited  
Fraser Bryson Lumber Co., Ltd.  
Gillies Brothers  
Gloucester Lumber & Trading Co.  
Goodday & Company, H. R.  
Gravel Lumber Co.  
Grier & Sons, Ltd G. A.  
Harris Lumber Co., Frank H.  
Hocken Lumber Company  
International Land & Lumber Co.  
Julien, Roch  
Larkin Co., C. A.  
Lay & Haight.  
Lloyd, W. Y.  
Loggie Co., W. S.  
Mason, Gordon & Co.  
McCormack Lumber Co.  
McDonagh Lumber Co.  
McElroy Lumber Co., Ltd.  
McLennan Lumber Company  
Muir & Kirkpatrick  
New Ontario Colonization Co.  
Northern Lumber Mills  
Power Lumber Co.  
P. Q. Lumber Co.  
Rolland Lumber Co.  
Rose, McLaurin, Limited  
W. & J. Sharples.  
Snowball & Co., J. B.  
Spencer, Limited, C. A.  
Sutherland Lumber Co., A. A.  
Terry & Gordon  
U. G. G. Sawmills, Limited  
Vanderhoof Lumber Company

#### STEAM ENGINES

Lamontague, Ltd.

#### STEAM SHOVELS

Hopkins & Co., Ltd., F. H.

#### STEEL CHAIN

Canadian Link-Belt Company  
Hopkins & Co., Ltd., F. H.  
Waterous Engine Works Company

**STEAM PLANT ACCESSORIES**  
Waterous Engine Works Company

#### STEEL BARRELS

Smart-Turner Machine Company

#### STEEL DRUMS

Smart-Turner Machine Company

#### TARPAULINS

Turner & Sons, J. J.  
Woods Manufacturing Company Ltd.

#### TANKS

Hopkins & Co., Ltd., F. H.  
Horton Steel Works

#### TENTS

Turner & Sons, J. J.  
Woods Mfg. Company

#### TIES

Austin & Nicholson  
Carew Lumber Co., John  
Canadian Tie & Lumber Co.  
Chaleurs Bay Mills  
D'Auteuil Lumber Co.  
Gloucester Lumber & Trading Co.  
Harris Tie & Timber Company Ltd.  
International Land & Lumber Co.  
McLennan Lumber Company  
Miller, W. H. Co.  
Scott, Draper & Co.  
Terry & Gordon

#### TIMBER BROKERS

Bradley, R. R.  
Cant & Kemp  
Farnworth & Jardine  
Wright, Graham & Co.

#### TIMBER CRUISERS AND ESTIMATORS

Savage & Bartlett.  
Sewell, James W.

#### TIMBER LANDS

Department of Lands & Forests, Ont.

#### TOWING MACHINES

Payette & Company, P.  
West, Peachey & Sons

#### TRACTORS

Holt Manufacturing Company  
Hopkins & Co., Ltd., F. H.  
Mussens Limited

#### TRAILERS

Dominion Truck Equipment Co.  
Mussens, Ltd.  
Sylvester Manufacturing Co.

#### TRANSMISSION MACHINERY

Canadian Link-Belt Company  
Engineering & Machine Works of Canada  
General Supply Co. of Canada, Ltd.  
Grand Rapids Vapor Kiln  
Hamilton Company, William  
Kennedy, Wm. & Sons  
Waterous Engine Works Co.

#### TRUCKS

Tudhope Anderson Co.

#### TRUCK UNITS

Dominion Truck Equipment Co.

#### TURBINES

Engineering & Machine Works of Canada  
Hamilton Company, William

#### TURBO UNDERGRATE BLOWERS

Sturtevant, B. F. & Co.

#### VALVES

Crane, Limited

#### VAPOR KILNS

Grand Rapids Vapor Kiln

#### VENEERS

Bury & Co. Robt.

#### VENEER DRYERS

Coe Manufacturing Company

#### VENEER MACHINERY

Coe Manufacturing Company

#### VETERINARY REMEDIES

Dr. Bell Veterinary Wonder Co.  
Johnson, A. H.

#### WARPING TUGS

West, Peachey & Sons

#### WATER WHEELS

Engineering & Machine Works of Canada  
Hamilton Company, William

#### WIRE

Canada Metal Co.  
Laidlaw Bale Tie Company  
Canada Wire & Iron Goods Co.

#### WIRE CLOTH

Canada Wire & Iron Goods Co.

#### WIRE ROPE

Canada Wire & Iron Goods Co.  
Hopkins & Co., Ltd., F. H.  
Dominion Wire Rope Co.  
Greening Wire Co., B.  
Mussens, Ltd.

#### WOODWORKING MACHINERY

General Supply Co., of Canada, Ltd.  
Long Manufacturing Company, E.  
Mershon & Company, W. B.  
Waterous Engine Works Co.  
Yates Machine Company, P. B.

#### WOOD PRESERVATIVES

Beveridge Supply Company  
Austin & Nicholson  
New Ontario Colonization Company  
Power Lumber Co.

#### WOOD PULP

Austin & Nicholson  
New Ontario Colonization Co.  
Power Lumber Co.





The Linn Logging Tractor Hauling 63½ cords of Pulpwood

# THE LINN LOGGING TRACTOR

The Canadian Logger has evidenced his appreciation of the value of the Linn Logging Tractor for log haulage.

This winter the Linn Logging Tractors will be found operating as far East as Newfoundland and as far West as the Port Arthur District, and as far North as Cobalt.

It is our hope that every Canadian Logger will this winter avail himself of the opportunity to see Linn Logging Tractors in operation during the haul.

As Linn Logging Tractors will be in operation this winter within easy reach of every locality in Ontario, Quebec and Newfoundland, any operator will be able to see a Linn Logging Tractor operation without loss of much time from his own operation.

We will gladly supply any interested operators with the name of his nearest neighbor who is using Linn Equipment.

—Logging Department—

## MUSSENS LIMITED

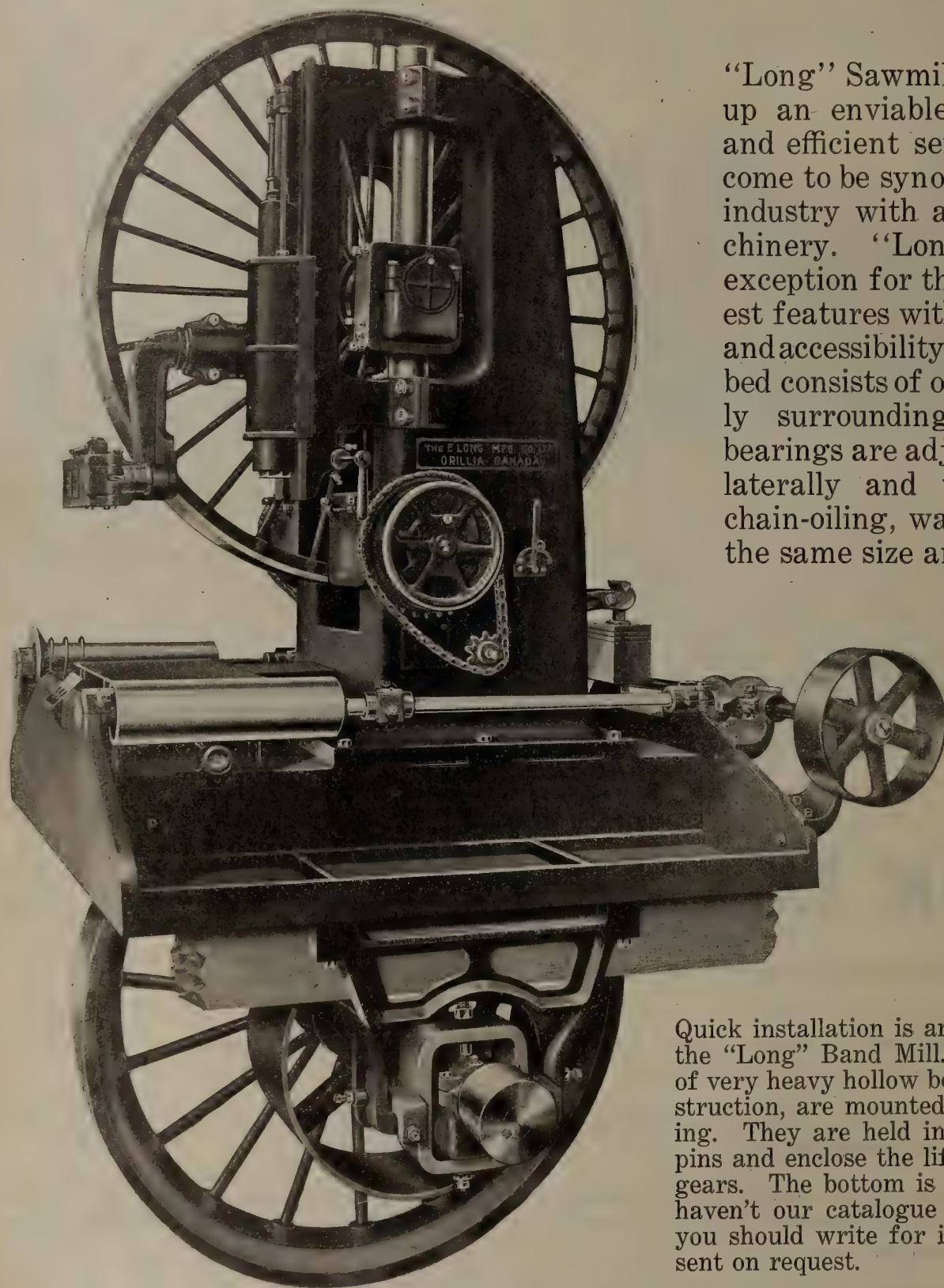
Dubrule Building

Philips Place

Montreal



# The Name "LONG" Is Your Guarantee on Sawmill Machinery



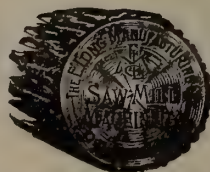
"Long" Sawmill Equipment has built up an enviable reputation for long and efficient service. The name has come to be synonymous in the lumber industry with all that is best in machinery. "Long" Band Mills are no exception for they combine all the latest features with exceptional strength and accessibility. The unusually heavy bed consists of one solid casting entirely surrounding the machine. All bearings are adjustable longitudinally, laterally and vertically. They are chain-oiling, water-cooled and are all the same size and interchangeable.

Quick installation is another desirable feature of the "Long" Band Mill. The columns, which are of very heavy hollow box section, and of unit construction, are mounted directly on the base casting. They are held in place by bolts and dowel pins and enclose the lifting screws and operating gears. The bottom is accurately planed. If you haven't our catalogue of mill equipment on file, you should write for it today. It will be gladly sent on request.

## The E. Long Manufacturing Co., Limited

Orillia Canada

A. R. Williams Machinery Co.,  
Vancouver and Winnipeg



Gormans, Ltd. Calgary and Edmonton  
Williams & Wilson, Ltd., Montreal





# SAW MILL MACHINERY

The mill superintendent who recommends WATEROUS equipment, to his chief, can always justify his choice. In its first day of service, or at the end of 20 years, the operating records of "WATEROUS" equipment will prove the soundness of his judgment.

Measured by board feet produced in years of working life the ability of this equipment to give better results at lower maintenance cost, is the final standard of mill equipment performance.

Only, in other WATEROUS machines will you find equal efficiency and economy, for WATEROUS efficiency is the product of test design

selected materials and expert manufacture, for WATEROUS methods of manufacture and design are based on over three-quarters of a century's manufacturing experience.

During this time WATEROUS engineers have made exhaustive studies of our machines under actual working conditions, and have incorporated in the designs of each machine, all changes that have been found necessary for greater efficiency and economy, so that in every piece of WATEROUS equipment you instal you are taking advantage of these years of study of the sawmill requirements of Canada.

**Molson's Bank Building, Vancouver**

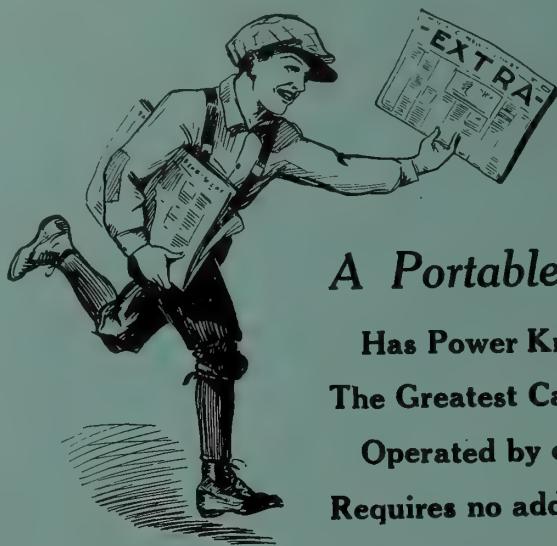
**Winnipeg, Man.**

# Waterous

**BRANTFORD, ONTARIO, CANADA**



# EXTRA



*Cadillac*  
404  
PATENTED

## A Portable Sawmill—

Has Power Knees and Dogs.

The Greatest Capacity of any mill on earth.

Operated by one man.

Requires no additional power.

**T**HIS Portable Sawmill is designed especially to handle short logs, veneer cores, etc., working them up into good marketable stock, railroad ties, box lumber, dimension stock, cooperage stock, etc.

To insure reasonable deliveries we are putting forth maximum efforts towards increased production. Let us have your enquiries now.

## BRADY MACHINERY COMPANY

Traverse City, Mich.

*Cadillac*  
404

Cadillac, Mich.

Manufacturers of  
Portable Sawmill Machinery

General Offices:  
Traverse City, Mich.  
U. S. A.

Machine Shops and Foundries:  
Cadillac, Mich.  
U. S. A.



# Canada Lumberman

Founded 1880

NEW AND USED  
**MACHINERY**  
H.W. PETRIE, LTD.  
TORONTO

## IT'S SERVICE THAT COUNTS

For complete Service and absolute Security—At  
a Saving in cost call on

**E. D. HARDY & CO.**

INSURANCE for LUMBERMEN

Specialists in LUMBER and WOODWORKING Risks

BOOTH BLDG:

OTTAWA, ONT

## There's Real Economy in Arrow Head Saws

MADE  
IN  
CANADA



The use of Arrow Head Saws represents real economy because their quality and manufacture ensure perfect satisfaction at all times.

Arrow Head Saws are made of the highest grade Vanadium Steel, carefully treated to facilitate cutting and lengthen their life. We also make a full line of wood-cutting saws.

Prices and full information upon request.

**T. F. SHURLY CO., LIMITED ST. CATHARINES, ONT.**

*Here it is!*

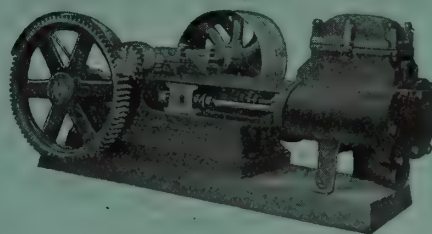


### The Handiest Lumber Truck Ever Made

Just what you need for the lumber yard—a TUDHOPE-ANDERSON DETACHABLE LUMBER TRUCK. Note these features: The wide-tired steel wheels cannot come off whether going forward or back. Axles (13/4") are high quality square steel. Tires are 4 1/2" wide. If wheel spokes become bent or broken they can be replaced—an exclusive feature of Tudhope-Anderson trucks. Wood parts are best oak, air seasoned and kiln dried, well ironed and strongly braced.

Get our prices.

**Tudhope-Anderson Co., Ltd., Orillia, Ont.**



For Long Service  
and  
Minimum Repair Bills

### Try Smart-Turner Pumps

**The Smart-Turner Machine Company, Limited**  
Hamilton, Canada

### Quantity Production Lowers Manufacturing Costs

The demand for a medium priced—high-class motor boat has resulted in GIDLEYFORD sales far in excess of expectations. The Gidley organization is able to concentrate on quantity production on an unheard of scale, with the logical result—lower production costs.

This enables us to sell the GIDLEYFORD at a greatly reduced price, and we will maintain the quality that is represented by the combined names of Gidley and Ford.

GIDLEYFORDS will be allocated as orders are received and shipping dates arranged.

Price reduced to \$1250. F.O.B. rail or water, Penetang, Ontario. In Canada, Sales Tax extra.

**1923 Price—\$1250**

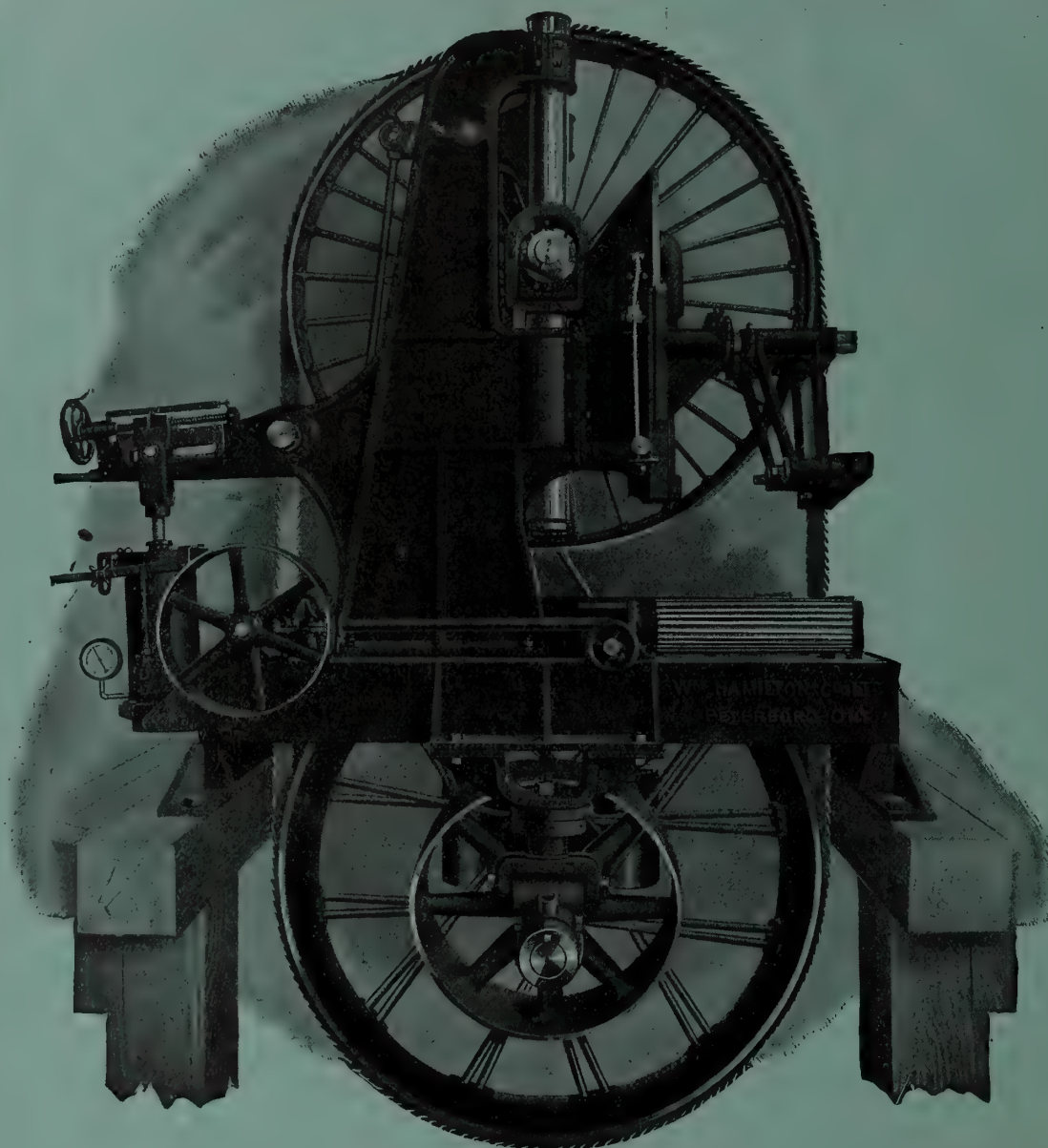
**GIDLEY BOAT COMPANY, LIMITED, PENETANG, ONTARIO**





# "Hamilton" Steam Tension Band Mill

(Single or Double Cutting)



## SPECIAL FEATURES OF THIS BAND MILL

- 1—Tension on saws maintained by steam—quickest and most sensitive form of tension yet devised.
- 2—Top wheel supported both above and below mandrel.
- 3—Extra large mandrel bearings top and bottom.
- 4—Top wheel has 12-inch range of adjustment.
- 5—Unbreakable upper saw guide raised and lowered by steam—first used on our machine.
- 6—Both top and bottom wheels instantly aligned by screw adjustment.
- 7—Operating mechanism is rapid and power driven.
- 8—Takes saws 12 inches to 14 inches wide.
- 9—Extra heavy, rigid, strong and accurately built throughout.
- 10—Built by expert workmen in a plant that has been manufacturing high grade saw-mill machinery for over sixty years.

## A few of the users of these Machines

- Victoria Harbor Lbr. Co. (2)
- Victoria Harbor, Ont.
- John B. Smith & Sons (2)
- Callander, Ont.
- East Kootenay Lbr. Co.,
- Jaffray, B.C.
- B.C. Mills Timber Co.,
- Vancouver, B.C.
- Jas MacLaren & Co.,
- Buckingham, P.Q.
- Mageau Lumber Co.,
- Field, Ont.
- Colonial Lbr. Co. (2)
- Pembroke, Ont.
- Keenan Bros. Ltd.,
- Owen Sound, Ont.
- Jackson & Tindle,
- Buffalo, N.Y.
- Upper Fraser Lumber Co.,
- Dome Creek, B.C.
- Wm. Copping, Esq.,
- Joliette, P.Q.
- Hawkesbury Lbr. Co.
- Hawkesbury, Ont.
- Shives Lumber Co.,
- Campbellton, N.B.
- Beaver Board Co.,
- Buffalo, N.Y.
- Devon Lumber Co.,
- Chapleau, Ont.
- Wm. Sullivan, Esq.,
- Red Bank, N.B.
- Fraser Companies, Ltd.
- Campbellton, N.B.

Send for our Bulletin  
No. 100

# William Hamilton Co., Limited

Agents: J. L. Neilson & Co. Winnipeg, Man.

Peterboro, Ontario



# **Knox Brothers, Limited**

Head Office:  
512-513 Drummond Building, Montreal, Que.



The first unit of our new reinforced concrete mill  
now in the course of construction at Montreal.

***We are Specialists in British Columbia Forest Products***

**We Handle  
The Best in the West**

If you are interested in Western stock send us your inquiries. We can make quick shipments from our Montreal stock.



## The Peak of Perfection

Hocken White Pine  
is manufactured in modern mills by the most highly skilled workmen we can obtain. It is specially selected from the smaller logs which are free from black knots or other large defects. Before shipment, it is rigidly, and generously, graded. In fact, from the standing timber to the finished product everything in our power is done to ensure the highest degree of satisfaction on the part of the merchant. That is why you frequently hear Hocken White Pine spoken of as "the peak of perfection."

## HOCKEN LUMBER CO., LTD.

630 Confederation Life Bldg.

TORONTO Main 3153

## SOUTHERN HARDWOODS Dry Stock at Buffalo for Quick Shipment

WHITE ASH					TENNESSEE SCENTED CEDAR					QUARTERED SAP GUM					HICKORY				
	1 & 2	Clear Strips	No. 1 Com.	No. 2 Com.	1 in.—28,000	1 1/4 in.—1,800				1 & 2	No. 1C	No. 2C		1 & 2	No. 1 Com.	No. 2 Com.	No. 3 Com.		
3/4 in.	2,000	.....	1,500	2,500						4/4	.....	1,800							
1 in.	148,000	15,000	72,000	69,000	PLAIN RED GUM					5/4	.....	14,000	.....	1 in.	1,100	6,000	1,000	2,500	
1 1/4 in.	65,000	5,000	87,500	5,000						8/4	.....	34,000	20,800	1 1/4 in.	1,100	1,700	2,150	300	
1 1/2 in.	50,000	11,500	87,000	13,500	1 in.	89,000	64,000			10/4	.....	8,000	15,000	1 1/2 in.	16,000	27,000	9,000	3,000	
2 in.	70,500	900	122,000	65,000	1 1/4 in.	32,000	21,000	700	800	12/4	.....	300	.....	2 in.	14,200	24,000	17,200	3,300	
2 1/2 in.	89,000	.....	39,000	43,600	1 1/2 in.	27,000	48,000	14,500	5,000					2 1/2 in.	3,000	13,000	5,700	600	
3 in.	41,000	.....	20,000	45,000	2 in.	4,000	300	.....	.....	PLAIN RED OAK					3 in.	8,580	7,200	1,700	
4 in.	109,000	.....	27,000	6,500										4 in.	400	375	.....	.....	
CHERRY					FIGURED RED GUM					QUARTERED WHITE OAK									
	1 & 2	Clear Strips	No. 1 Com.	No. 2 Com.	1 in. <td>.....</td> <td>16,000</td> <td>3,000</td> <td>5/4 in.</td> <td>.....</td> <td>74,000</td> <td>21,600</td> <td>2,000</td> <th>1 &amp; 2</th> <th>Clear Strips</th> <th>No. 1 Com.</th> <th>No. 2 Com.</th>	.....	16,000	3,000	5/4 in.	.....	74,000	21,600	2,000	1 & 2	Clear Strips	No. 1 Com.	No. 2 Com.		
1 in.	44,000	9,000	123,000	218,000	1 1/4 in.	.....	3,000	300	3/4 in.	88,000	224,000	31,800	9,000	1/2 in.	6,100	.....	.....		
1 1/4 in.	21,000	200	13,000	15,000	1 1/2 in.	.....	700	.....	1 in.	63,000	19,000	9,400	50,000	5/8 in.	2,800	.....	700	800	
1 1/2 in.	8,200	.....	31,000	86,000	8/4 in.	.....	1,000	200	1 1/4 in.	15,000	23,000	5,000	1,100	5/4 in.	3,900	.....	6,300	3,000	
2 in.	8,000	.....	29,000	63,000	QUARTERED RED GUM					1 1/2 in.	31,000	19,200	4,000	.....	3/4 in.	3,900	.....	6,300	
2 1/2 in.	4,500	.....	4,300	3,000					2 in.	44,000	121,000	26,000	5,000	1 in.	44,000	1,300	12,000	700	
3 in.	21,700	.....	6,500	4,000	4/4	.....	16,000	37,000	2 1/4 in.	1,500	1,400	.....	.....	1 1/4 in.	3,000	4,300	2,000	200	
4 in.	4,300	.....	900	.....	5/4	.....	22,000	21,000	700	2 1/2 in.	94,100	33,000	.....	1 1/2 in.	9,000	500	2,500	.....	
CHESTNUT					6/4	.....	27,000	51,000	5,600	3 in.	5,800	19,000	7,000	12,000	2 in.	8,500	.....	23,000	5,700
					8/4	.....	48,000	24,000	12,000	4 in.	2,600	4,600	.....	2 1/2 in.	1,000	.....	400	.....	
					10/4	.....	1,500	.....	.....	WHITE OAK					3 in.	1,800	.....	700	.....
SAP GUM															4 in.	2,500	.....	1,700	.....
	1 & 2	Clear Strips	No. 1 Com.	No. 2 Com.	1 in. <td>.....</td> <td>2,500</td> <td>.....</td> <td>.....</td> <th>1 &amp; 2</th> <th>No. 1 Com.</th> <th>No. 2 Com.</th> <th>No. 3 Com.</th> <th colspan="5">BLACK WALNUT</th>	.....	2,500	.....	.....	1 & 2	No. 1 Com.	No. 2 Com.	No. 3 Com.	BLACK WALNUT					
3/4 in.	2,500	.....	3,000	.....	1 1/4 in.	.....	1,400	14,000	2,000	5/4 in.	.....	7,000	15,900	3,000	1 & 2	No. 1 Com.	No. 2 Com.	No. 3 Com.	
1 in.	124,000	6,000	202,000	40,000	1 1/2 in.	.....	1,800	11,200	3,000	1 in.	108,000	257,000	38,000	37,000	1 in.	19,000	21,000	20,000	3,000
1 1/4 in.	13,000	800	27,000	30,000	2 in.	.....	5,100	2,400	4,700	1 1/4 in.	58,000	25,000	16,200	78,000	1 1/4 in.	300	3,600	3,000	1,600
1 1/2 in.	9,700	1,600	80,000	57,000	3 in.	.....	.....	.....	300	1 1/2 in.	60,000	2,600	.....	.....	1 1/2 in.	600	500	500	.....
2 in.	12,000	.....	22,000	23,000						2 in.	30,000	33,000	.....	.....	2 in.	1,900	7,000	3,000	200
2 1/2 in.	3,000	.....	400	.....						2 1/2 in.	16,000	54,000	7,000	6,000	2 1/2 in.	.....	200	.....	.....
3 in.	1,300	.....	.....	.....						3 in.	117,000	45,000	2,000	1,800	3 in.	.....	200	.....	.....
4 in.	1,500	.....	300	.....						4 in.	15,000	41,000	2,400	600	4 in.	200	500	330	.....
CYPRESS					POPLAR					QUARTERED RED OAK									
	1 & 2	Clear Strips	No. 1 Com.	No. 2 Com.	1 & 2	No. 1 Com.	No. 2 Com.	No. 3 Com.	1 & 2	Clear Strips	No. 1 Com.	No. 2 Com.		1 & 2	Clear Strips	No. 1 Com.	No. 2 Com.		
3/4 in.	500	1,100	1,500	200	18" & up	1 & 2	Bright Saps		1 & 2	1,700	.....	5,700	500	1 in.	.....	132,000	1,600	79,000	
1 in.	54,000	84,000	123,000	4,500	5/8 in.	1,500	24,000	10,300	1 & 2	6,200	5,400	9,000	1,400	1 1/4 in.	.....	95,000	4,000	145,000	
1 1/4 in.	75,000	16,300	5,000	1,200	3/4 in.	.....	8,500	9,000	2,300	1 1/2 in.	.....	900	.....	1 1/2 in.	.....	83,000	2,600	27,000	
1 1/2 in.	139,000	33,000	2,600	1,800	1 in.	1,100	57,000	184,900	43,800	2 in.	.....	.....	.....	2 in.	.....	64,500	.....	13,000	
2 in.	71,000	37,000	12,900	1,000	1 1/4 in.	3,300	11,000	45,000	1,700	3 in.	.....	.....	.....	9/4	.....	5,200	.....	2,500	
2 1/2 in.	13,000	9,900	4,700	800	1 1/2 in.	6,300	12,000	34,000	28,500	4 in.	.....	.....	.....	2 1/2 in.	.....	55,000	.....	6,600	
3 in.	13,000	15,000	20,000	2,500	2 in.	.....	5,300	8,000	18,800	1 1/2 in.	.....	.....	.....	3 in.	.....	8,000	.....	1,500	
4 in.	8,200	2,000	4,000	350	2 1/2 in.	.....	7,000	7,000	13,800	2 in.	.....	.....	.....	4 in.	.....	.....	.....	1,500	
					3 in.	.....	4,000	.....	19,000										
					4 in.	.....	5,400	3,500	8,200										

Also large stock of Brown Ash, Basswood, Beech, Birch, Elm and Maple.

# THE ATLANTIC LUMBER CO. Inc. 310 MANNING CHAMBERS TORONTO

MANUFACTURERS SOUTHERN HARDWOOD LUMBER

Head Office: BOSTON, MASS.

Yards: BUFFALO, N.Y.

Mills: KNOXVILLE, TENN., FONDE, KENTUCKY



# Geo. Gordon & Co.

Limited

CACHE BAY - ONTARIO

*Manufacturers of*

## WHITE & NORWAY PINE

Lumber, Dimension Timber  
Lath, Shade Roller Pickets

*Planing Mill in Connection*



**W**E conduct an extensive trade in Spruce Lath Cedar Ties and New Brunswick Cedar Shingles to the South American and British markets. Docking facilities are unexcelled.

Correspondence invited

32

## CHALEURS BAY MILLS

Main Office and Mills at  
Restigouche, Que.

Portland Office  
31½ Exchange St.

Cable Address: Chalbay, Portland, & Restigouche, Que. [



# EDWARD CLARK & SONS LIMITED

807 Bank of Hamilton Building - Toronto

## Hardwood Lumber

SPECIALTY



BIRCH

Canadian Birch of a superior grade has long been our specialty and today our brand is known throughout Canada and the United States for its beauty, freedom from defects and exceptional saleability. Large stocks always on hand.

*Correspondence  
Invited*

We are in the market at present for large blocks of Hard Maple and Basswood. These are to be sawn to our order during the winter months to produce as much white stock as possible.

### EFFICIENCY, COURTESY AND SERVICE

## LATH and LUMBER

WHITE PINE  
NORWAY PINE

Shevlin - Clarke  Company Limited

FORT FRANCES, ONT.

Manufacturers  
and Wholesalers

Prompt Shipment.  
Attractive Prices.



# Service Counts Too!

It's often easier for a merchant to obtain "quality" and "price" than it is for him to get "service." When he obtains all three, the transaction is perfect.

Fesserton has all the facilities for getting the goods to the merchant "when and how."

Try us for Pine, Hemlock, Spruce, Shingles, Lath and B.C. Forest Products, Straight or mixed carloads.

**The FESSERTON TIMBER CO., Limited**  
**15 Toronto St.      Main 795-6      Toronto**  
 Western Office: Winch Building, Vancouver, B.C.

## BIRCH DOORS NOW!

We want you to take advantage of the exceptional sales opportunity offered by these Birch Doors. They are particularly fine, made from selected wood of beautiful figure, and perfectly manufactured in every respect. Our stock, too, is very complete and permits of prompt delivery being made on all orders—large or small. Don't pass this up. Get in touch with us today.

**Gum, Plain Oak, Chestnut, Klimax, Pine, Fir and Redwood Doors always in stock**

No. 491 French Doors

**PANNILL DOOR CO. LTD.**

**131 Front St. E., Toronto, Canada**

Three Lines to Central  
**MAIN 623**

No. 402 Inside Doors



# GEORGE MASON & COMPANY

(Successors to Manley Chew)

MANUFACTURERS OF

## Pine—Maple—Beech—Basswood Lumber—Lath

WE INVITE YOUR ENQUIRIES

Mills at Midland, Ont., Thunder Bay, Ont.

Head Office:—Midland, Ont.

### Good as Gold

You take no chances in purchasing Keewatin Lumber—its quality and value is a byword throughout the trade. This, of course, is due to the fact that we manufacture our own lumber, taken from our own limits.

Red and White Pine and Spruce, Lath Crating and Shooks.

*Satisfaction Guaranteed*

**KEEWATIN LUMBER COMPANY, LTD.**

**KENORA - ONTARIO**

Two complete Saw and Planing Mills, Box Factories and Lath Mill  
At Keewatin and Kenora, Ont.

### F. W. Brennen & Sons

474 Main St. East

Hamilton, Ont.

Wholesale  
**LUMBER**

**LATH--SHINGLES**

We have what you want: Write us for quotations

### A. T. DADSON

Wholesale Lumber Broker

350 CONFEDERATION  
LIFE BLDG.

**TORONTO**

Telephone  
Main 1892

Would be glad to hear from manufacturers and wholesalers with particulars of stock of Lumber and Lath.

We are  
Exclusive handlers of the Celebrated  
"VELVET BRAND"  
SHORT LEAF YELLOW PINE

— The softest that grows —

Steam Dried or  
Smoke Dried

Inquiries invited  
Prompt Shipments

**Russell Harris Lumber Company**


34 Victoria Street, Toronto. Telephone Main 4700

## The D'AUTEUIL LUMBER CO., Limited

81 St. Peter Street,  
QUEBEC

**Pulpwood, Lumber,  
Spoolwood,  
Ties and Shingles**





# Mr. DEALER

We seriously advise you to purchase your anticipated requirements now, not that we expect any serious advance in prices but dry stock is becoming very scarce.

## TERRY <sup>A</sup><sub>N</sub><sub>D</sub> GORDON LIMITED

### CANADIAN-FOREST-PRODUCTS

HEAD-OFFICE :  
704 CONFEDERATION LIFE BUILDING,  
TORONTO,  
ONT.

BRANCH  
MONTREAL, P.Q.

BRANCH  
VANCOUVER, B.C.

Ontario Representatives for  
THE BRITISH COLUMBIA MILLS TIMBER AND TRADING CO., VANCOUVER, B. C.



Phone Adel. 7718

302 Brass Bldg.

**Cedar Shingles****Western Fir, Spruce and Pine**

All Dimensions All Grades

Old Growth Soft Yellow Fir in Rough Clears

**Southern Yellow Pine**

Canadian Representatives of

**Cantrell Lumber Co., New York**

Handling the product of several leading Southern Pine Mills. Send us your inquiries for B and Better finish and Rough or sized dimension.

**J. L. Nevison & C. J. Brooks, Toronto, Ont.****Watson & Todd Limited**  
**OTTAWA****WHITE PINE**  
**RED PINE**  
**SPRUCE**

Registered



Trade Mark

**Rideau Club Building**  
Cor. Wellington and  
Metcalf Sts.

Registered



Trade Mar

**We are always in the market to buy Soft Elm, Maple, Birch and other Hardwoods. Also Spruce, Pine, Poplar or Balm for crating.**

**Established Twenty Years**

**Liberal Prices      Fair Inspection**  
**Prompt Payment**

*We have a good Stationary Saw Mill complete with power for sale, capacity 15 to 20 M. per day. Write us for particulars.*

**The Manufacturers' Lumber**  
Company Limited**Stratford      -      Ont.****BARGAINS IN**  
**Standing Timber**

**A**LL our remaining timber lands and town property situated in the town of Parry Sound are offered for sale by us. The special prices at which these are being sold makes early enquiries advisable.

Good bargains are still obtainable in the Townships of Christie, Allen, Secord, Falconbridge and Street. May we send you full particulars?

**The Parry Sound Lumber Co.**

LIMITED

**26 Ernest Avenue****Toronto, Ont.****Milling in Transit****A Well Equipped Mill****C.P., G.T., & C.N. Railway Connections*****Special Mill Work      Prompt Service*****J. R. Eaton & Sons, Limited****ORILLIA, ONT.****WIRE PHONE OR WRITE**

For your supply of

**WANNEY BIRCH TIMBER**  
**ROUND BIRCH VENEER LOGS**  
**HARDWOOD and SOFTWOOD SAWN LUMBER**

**THE WILLIAM J. MURPHY LUMBER CO.**

55 St. Francois-Xavier St.,

**MONTREAL**

P.O. Box 2043

Phone Main 8288



**The Harris Tie & Timber Co., Ltd.**  
**The C. E. Fleming Tie & Lumber Co., Ltd.**  
**The Poupore Lumber Co.**

Railway Ties, Cedar Poles and Posts, Lumber, Lath, Shingles, Pulpwood

197 SPARKS STREET

OTTAWA, CANADA

**H. R. Goodday**

AND COMPANY

EXPORTERS OF

**SPRUCE AND  
PINE**

New Brunswick Agent

F. E. NEALE,

Chatham, N.B.

Head Office: QUEBEC, P.Q.



For Prompt Delivery of  
**Hemlock, Spruce, Lath  
Pulpwood and Hardwoods**

Dressed and Ripped to Order

We specialize in Hemlock and Spruce  
Timbers and have excellent facilities  
for quick shipment—rail or water  
delivery.

*Tell us your requirements*

**Fassett Lumber Co., Limited**  
Fassett, Quebec

**Power Lumber Company Limited**

Successors to River Ouelle Pulp & Lumber Co.

Manufacturers of

**SPRUCE**

**Lumber Lath Pulpwood**

Head Office and Mills at:

**St. Pacome, Que., Canada**

On Can. Nat. Ry. 75 Miles East  
of Quebec City

Also Mills at:

**Lapointe, Riv. Manie, Powerville  
and Ste. Apolline**

On Edmunston Div.—Can. Nat. Rys.



THE  
**Montreal Lumber Co.**  
Limited  
**WHOLESALE  
LUMBER**

759 Notre Dame St. W., Montreal

W. K. GRAFFTEY,  
President and Managing Director.

**DR. BELL'S**  
**Veterinary Wonder Remedies**

50,000 one dollar (\$1.00) bottles Free  
to horsemen who give the Wonder a fair  
trial. Guaranteed for Colic, Inflamma-  
tion of the Lungs, Bowels, Kidneys  
Fever, Distemper, etc. Send 25c for  
Mailing Package, etc. Agents wanted.  
Write your address plainly. DR. BELL.  
V S Kingston, Ont



**Know  
Your  
Market**

A timely knowledge of [Canad-  
ian construction activities gives  
the lumberman a point of van-  
tage from which to conduct his  
sales.

The Contract Record will keep  
you posted on construction un-  
dertakings large and small.

The subscription price is \$3.00.

Send to

**Contract  
Record**

and Engineering Review  
347  
Adelaide Street West,  
Toronto, Ont.

# LUMBER

## Wanted

Mill-cuts in

**W. Pine  
Hemlock  
Birch  
Elm  
Maple**

## C. G. Anderson Lumber Company, Limited

Manufacturers and Strictly Wholesale  
Dealers in Lumber

SALES OFFICE

705 Excelsior Life Building  
Toronto

### BELTING

All kinds of new and used Belting  
Shipped subject to approval, at  
Lowest Prices in Canada

**YORK BELTING CO.**  
115 York St. Toronto, Ont.

### JACK PINE

### HEMLOCK

### SPRUCE

### JAMES R. SUMMERS

Wholesale Lumber

95 King St. East TORONTO, Ont.  
Main 7329

### HICKORY AXE HANDLES

Made From the Best Canadian  
HICKORY

Quality, Shape and Finish Unexcelled  
St. Marys Wood Specialty Co. Ltd,  
St. Mary's, Ontario, Canada

High Grade Wood Specialties Ball Bats  
Handles and Hardwood Lumber."

### BELTING FOR SALE

We have a large quantity of Second-  
Hand Rubber and Leather Belting in  
all sizes and plys up to 24 inches in  
width, which we can sell at interesting  
prices. Send us your requirements.

N. SMITH  
138 York St. - Toronto, Ont.

### Robt. Coltart & Co.

Royal Liver Building

Liverpool England

Agents for the sale of  
Pine, Spruce and Hard-  
woods. Correspondence  
invited.

Cables—"COLTART" Liverpool

### Cant & Kemp

52 St. Enoch Square  
GLASGOW

### Timber Brokers


Cable Address, "Tectona," Glasgow  
A1 and ABC Codes used

### FARNWORTH & JARDINE

Cable Address: Farnworth, Liverpool  
WOOD BROKERS  
and MEASURERS

2 Dale Street, Liverpool, and  
Seaforth Road, Seaforth, Liverpool,  
England





# Quick Action




## You Can Have It

Try the Canada Lumberman Wanted and For Sale Department. Have you anything you wish to buy or sell in the Lumber Industry? You will find this department inexpensive, and a very effective business getter.

Our Classified Advertisers do not repeat the ad, often. They don't have to. They report immediate results. Use these columns to your own advantage.

**CANADA  
LUMBERMAN  
and WOODWORKER**  
347 Adelaide St. W.  
TORONTO



***"Well Bought is Half Sold!"***

**Worth While  
to get particulars  
on these**

## Dry Hardwoods:

5	cars	4/4" No. 2 Common Birch.
2	"	8/4" No. 2 " "
8	"	4/4" No. 1 Com. & Btr. Birch.
2	"	12/4" No. 1 Com. & Btr. Birch.
4	"	4/4" No. 2 Com. & Btr. Basswood. (About 15% No. 2 Com.)
2	"	5/4" No. 2 Com. & Btr. Basswood. (about 10% No. 2 Com.)
3	"	6/4" No. 1 Com. & Btr. Basswood.
5	"	5/4" No. 2 and 3 Com. Basswood. (about 50% each grade.)
6	"	4/4" No. 2 and 3 Com. Brown Ash. (about 50% each grade.)

**Canadian General Lumber Co.**  
Limited

## FOREST PRODUCTS

TORONTO OFFICE:— 712-20 Bank of Hamilton Building

Montreal Office:— 514 Canada Cement Company Bldg.

Mills: Byng Inlet, Ont.

### TRANSIT CARS

We have at all times inch and two inch B.C. Stock in transit. Particulars on application. We are in the market for medium size blocks of Spruce and Hemlock, inch and two inch, Merchantable grade, and No. 1 White Pine mill culls from 6 to 12'. In writing quote your lowest prices.  
THE FOLEY LUMBER COMPANY,  
18 Toronto Street,  
Main 2746 Toronto. Hill. 6939

Manufacturers of

**WIRE** For TYING, BUNDLING  
and many other purposes  
NAILS  
**LIDLAW BALE TIE CO., Ltd**  
HAMILTON, ONT.

### SAVAGE & BARTLETT

FOREST ENGINEERS  
Timber Estimates, Maps, Topographic  
and Boundary Surveys  
15 State St., BANGOR, MAINE

### W. Y. LLOYD

350 Confederation Life Building,  
TORONTO, Ont.

Dealers in Eastern and Western  
**Canadian Softwoods**

Pine, Spruce, Fir, Hemlock  
Lath and Shingles.

*Soliciting enquiries.*

### Money Saved, Money Earned

By applying correct cutting  
methods

Our ESTIMATES help you

### James W. Sewall

Forest Engineer

Old Town, Davidson Bldg.,  
Maine. Washington, D.C.

*Largest Cruising House in America.*

### SPECIALTIES

Sawed Hemlock  
Red Cedar Shingles  
White Pine Lath  
Bass and Poplar Siding

### James Gillespie

Pine and Hardwood

## Lumber

Lath and Shingles

North Tonawanda, N.Y.



**P. L. CANFIELD****Wholesale Lumber****Woodstock****Ontario**

B.C. Fir, Larch, Cedar, Hemlock and Spruce

B.C. Western Soft Pine

B.C. Western White Pine

above grades In Shop or Common

**B.C. PRODUCTS ALWAYS IN TRANSIT****ROSE-McLAURIN**

LIMITED

1226 Bank of Hamilton Building TORONTO

Phone Main 6752

*We Specialize in***British Columbia Lumber and  
Timber and Red Cedar Shingles***Let us quote you. Our prices are right*

We also handle the well known

**"TEN-TEST" SOLID FIBRE BOARD****A Permanent Lumber  
Service**

**A**FTER several years of inactivity we are now cutting on our modern fully equipped mills at Manistique and Little Lake, Upper Michigan. The timber behind these mills was purchased many years ago by the Stack interests from the then "unlimited" supply. Its quality, particularly the maple and birch, is the envy of northern mill men among whom this tract is famous.

This timber will run the mills to full capacity for fifteen to twenty years. The 40,000,000 feet annual cut will run:

15,000,000 ft. maple annually  
6,000,000 ft. birch annually  
2,500,000 ft. beech annually  
2,500,000 ft. elm annually  
900,000 ft. basswood annually  
200,000 ft. ash annually  
6,000,000 ft. hemlock annually  
3,000,000 ft. white pine annually

the balance in Spruce and Tamarack.

Our exceptional service, grades, and manufacture will be maintained.

"Low freight rate shipments by water to Toronto, Montreal, Owen Sound, Port Arthur, and other Great Lakes and St. Lawrence River Ports. Conveniently located also for rail shipments to inland points by C.P.R. or Soo line."

We will be pleased to hear from old friends and from new ones who can understand and appreciate what permanent connection with such a source of supply would mean.

**STACK LUMBER CO.**

ESCANABA

MICHIGAN

**W.S. LOGGIE****and Company, Limited**

*Manufacturers  
of Lumber  
including*

**SPRUCE, PINE  
and LATHS****Head Office****Chatham, N.B.****Mill****Inkerman, N.B.****The Rat Portage Lumber Co., Limited, Vancouver**

MANUFACTURERS OF

**DOUGLAS FIR, SPRUCE AND HEMLOCK**

FLOORING, CEILING, SIDING, INTERIOR AND EXTERIOR  
FINISH OF ALL KINDS INCLUDING MOULDINGS

**Rough Kiln Dried and Green Clear Fir in All Sizes**

Boards, Shiplap, and Dimension

**ROUGH TIMBERS UP TO 90 FEET LONG**

WE SPECIALIZE IN 1/4  
SCANT SIZED DIMEN-  
SION, ALSO DIMENSION  
AND BOARDS IN THE  
ROUGH



# FRASER COMPANIES, Limited

Bleached Sulphite Pulp Mill. Saw Mills (all Band Saw Mills). Shingle Mill

HERE THEY ARE ON THE MAP



## Mills and Railway Connections

Saw and Shingle Mills	Railway Connections
Cabano, Que. ....	Temiscouata Ry.
Notre Dame du Lac, Que. ....	Temiscouata Ry.
Glendyne, Que. ....	C. N. Ry.
Estcourt, Que. ....	C. N. Ry.
Sully, N. B. ....	C. N. Ry.
Edmundston, N. B. ....	C.P.R., C.N.R. and Temiscouata Ry.
Magaguadavic, N.B. ....	C. P. R.

Saw and Shingle Mills	Railway Connections
Baker Brook, N. B. ....	C.N.Ry., Temiscouata Ry.
Plaster Rock, N.B. ....	C. P. R.
Summit, N. B. ....	C. N. R.
Fredericton, N. B. ....	C.P.Ry and C.N.Ry.
Nelson, N. B. ....	C. N. Ry.
Campbellton, N. B. ....	C. N. Ry.

Bleached Sulphite Mill, Edmundston, N. B. .... Railway Connection, C.P.R., C.N.R. and Temiscouata Ry.  
Sulphite Mill, Chatham, N. B. .... Railway Connection, C. N. R.

Bleached Sulphite.

Rough and Dressed Spruce.

White Cedar Shingles.

Railway Ties

Piano Sounding Board Stock a Specialty.

Selling and Purchasing Offices :-- EDMUNDSTON, N. B.



# Dry Hardwood for Immediate Shipment



1	Car	12/4"	Birch	No. 1 B & B.	3	Cars	4/4"	Beech	No. 2 C & B, 20% No. 2
5	"	8/4"	"	No. 1 C & B, 15% No. 2.	1	"	8/4"	Basswood	No. 1 C & B, 10% No. 2
8	"	4/4"	"	No. 1 C & B, 20% No. 2.	4	"	4/4"	"	No. 1 C & B.
1	"	4/4"	"	No. 3 Common.	1	"	5/4"	S. Maple	Log Run.
10	"	8/4"	S. Elm	No. 1 C & B, 10% No. 2.	1	"	4/4"	"	No. 1 C & B, 20% No. 2.
15	"	4/4"	"	No. 1 C & B, 20% No. 2.	20	"	4/4"	Hardwood Crating.	
4	"	4/4"	"	No. 2 & 3 Common.	1	"	5 x 5	Maple Box Hearts.	
5	"	6/4"	Beech	Log Run.					

The  
**PEDWELL HARDWOOD LUMBER CO.**  
Ft. Spadina Ave., TORONTO

## The Stamp of Approval

has already been placed on the new suite of rooms, tastefully done in Douglas Fir, Western Hemlock, Red Cedar, Western White Pine, Cottonwood and Larch

at 51 Yonge Street,

Architects and home builders are delighted with effects produced with exclusively Canadian woods.

It is an exhibit which should be seen by every progressive lumberman.

**British Columbia Lumber Commissioner**  
51 Yonge St. - Toronto

## The Smile of Satisfaction

Know what real satisfaction means by giving McDonagh Lumber a trial. Wholesale Hardwoods (Native and Foreign), Crating Spruce, Pine and Hemlock, Canadian Birch, Basswood and Maple.



Every Shipment Guaranteed

**The McDonagh Lumber Co.**  
226 Confederation Life Building, TORONTO

## Planing Mill Stock

### CYPRESS

Soft, Dry Stock, Finest Grades—  
All Thicknesses— 4/4, 5/4, 6/4, 8/4, 10/4, 12/4

### Yellow Pine Finish

Kiln Dried, Soft, Short Leaf Kind

Stock Widths  $\left. \begin{matrix} 4/4 \\ 5/4 \\ 6/4 \\ 8/4 \end{matrix} \right\}$  by 4", 6", 8", 10", 12'

Also OAK, ASH, POPLAR, GUM

**WISTAR, UNDERHILL & NIXON**

Real Estate Trust Bldg., Philadelphia, Pa.

## Pine, Spruce, Birch, etc.

Always on hand a large quantity Specialty Birch for Export.

Send your enquiry

**ROCH JULIEN**

MORIN BUILDING,

QUEBEC CITY

2,700 Acres of FREEHOLD land for sale

## THOS. N. PHILLIPS

### Lumber - BRITISH COLUMBIA - Shingles

Dealing through me you can depend on:—

Quick action on your inquiries. Shipment as promised. Grades that please.

Prices that are right.

Royal Bank Building

Toronto, Ont.



# DRESSED SPRUCE

SIZED HEMLOCK, B. C. PRODUCTS,  
WHITE AND RED PINE, JACK PINE

## LARKIN LUMBER COMPANY

236 Confederation Life Building

TORONTO, ONTARIO

### AUSTIN & NICHOLSON LIMITED

CHAPLEAU, ONTARIO

Lumber, Lath, Ties, Pulpwood.

Quick Dressing and Matching in Car Lots  
a Specialty.

Mills at DALTON, NICHOLSON, DEVON

### NORWAY

8000' 4/4" and 10/18' Clear and Clear Face.  
48000' 8/4" Clear and Clear Face.  
16000' 4/4" and 8/4" Clear and Clear Face.  
6 and 8 feet long

### REDWOOD IN TRANSIT

1/2 Car 8/4" No. 1 Shop.  
1/2 " 6/4" No. 1 Shop.  
2 " 4/4", 5/4", 6/4" and 8/4" Clear

Phone or wire at our expense for prices.

THE EASTMAN LUMBER COMPANY, LIMITED  
33 Sun Life Building, Hamilton, Ontario. Phone Regent 162

## TRANSIT

FLOORING, CASING, BASE,  
CEILING, ROUGH CLEARS,  
BOARDS, SHIPLAP,  
DIMENSION,  
SHINGLES,  
TIMBERS.

R. G. CHESBRO Bank of Hamilton Bldg.  
TORONTO

## Everything in Lumber

The  
McLennan Lumber Co., Ltd.  
Office and Yard: 21 Dorchester Street W., Montreal  
P.O. BOX 1854 PHONE PLATEAU 1300

F. N. Waldie, President.

R. S. Waldie, Vice-President

W. E. Harper, Secretary.

## The Victoria Harbor Lumber Co., Ltd.

Manufacturers of

## Lumber and Lath

Mills at Victoria Harbor, Ont.

HEAD OFFICE,  
12-14 Wellington Street East, TORONTO, ONT.



# BUY BRITISH COLUMBIA Red Cedar Shingles



The life of a British Columbia Red Cedar Shingle Roof can almost be gauged by the life of the nail with which the shingle is nailed in place. Judging from available data, the average life of the ordinary steel wire nail, which has been in such common use, is only from seven to twelve years. Some wire nails will last longer, depending upon the condition of exposure, climate and similar features, but considering our climate as a whole, at the end of from seven to twelve years a large percentage of wire nails will have rusted either completely through or so extensively that the first strong wind will complete the work. The shingles that have been held in position by such nails are then free to work down, permitting rains or melting snows to leak through and damage the interior of the structure. Examination will disclose that the fibre of the shingle itself is still in perfect condition, and a leaky roof, in the majority of occasions is due entirely to the use of faulty nails, but the average home owner, placed at such inconvenience, will not stop to reason this out and the poor wooden shingle comes in for more unjust abuse.

There are several kinds of nails which experience has proven will give lasting satisfaction, and the wise dealer will advise his customers of these satisfactory nails. A pure zinc shingle nail meets all the demands of durability required. Its principal drawback is its high cost and a slight tendency to bend under careless driving. Galvanized wire nails theoretically are rust proof, and if the galvanized coating is properly applied, and of sufficient thickness, such a nail will last as long as the shingle it holds in place. The life of this shingle roof, properly applied with these nails then is from 40 to 50 years. Pure iron nails, or the old cut or wrought nails are ideal but difficult to secure. Copper nails also constitute a perfect shingle nail.

**Timms Phillips & Co., Ltd.**  
Yorkshire Bldg., Vancouver  
Manufacturers and Wholesalers  
**Red Cedar Shingles**  
3x-5x- Perfections, Royals, Imperials  
**Red Cedar Bevel Siding**

**Vancouver Lumber Co., Ltd.**  
Manufacturers  
**XXX-XXXXX CEDAR SHINGLES**  
(B. C. Inspected)  
Head Office, Vancouver, B.C. Eastern Sales Office, Toronto, Ont.

**Westminster Mill Co.**  
LIMITED  
New Westminster, B.C.  
**Red Cedar Shingles**  
**Cedar Bevel Siding**

**Dominion Timber Products Ltd.**  
Vancouver Block  
Vancouver  
Largest Manufacturers of  
**Perfection Shingles**  
in Canada

**Underhill Lumber Co., Ltd.**  
Dominion Bldg., Vancouver  
**RED CEDAR SHINGLES**  
3x-5x- Perfection and Eureka  
**CEDAR BEVEL SIDING**  
**CEDAR BUNGALOW SIDING**

**Shull Lumber & Shingle Co. Limited**  
New Westminster B. C.  
Trade Mark  
**RED BAND SHINGLES**  
XXX XXXXX Stars Clears  
From Mill to You

If you want a market  
for B. C. Red Cedar  
Shingles put an advertisement on this page.

**Northern Pacific Logging Co. Ltd.**  
Port Moody, B.C.  
Manufacturers of  
**High Grade  
Red Cedar Shingles**





In these days of keen competition, **QUALITY TELLS**, and so far as Lumber is concerned we believe we can safely say we can furnish **QUALITY** combined with the **BEST OF SERVICE**.

At the present time we have a considerable quantity of

# 1" No. 1 Common Cedar

This is particularly desirable stock, being a **SMALL-KNOTTED** type and will make excellent Boards and Shiplap, also a good cheap Siding or Ceiling. Try a car and we feel sure you will be surprised at its superiority.

We also manufacture **FIR** and **Spruce**. As **DIMENSION**, our **FIR** be can strongly recommended, and **GOLDEN SPRUCE** already has a string of steady users in Eastern Canada.

Our sawmill, with a daily 10-hour cutting capacity of 200,000 feet, is the largest in the interior of British Columbia. We run all orders through the planing mill at time of shipment so that our stock always reaches to you bright, clean and newly milled.

## Columbia River Lumber Co., Ltd., Golden, B. C.

affiliated with and represented jointly by salesmen of

## Canadian Western Lumber Co., Ltd., Fraser Mills, B. C.

Eastern Sales Office—64 King Street East, TORONTO  
to whom, please address all enquiries.

Representatives:—

L. D. BARCLAY

E. C. PARSONS



# SCOTT, DRAPER & COMPANY

11 SAULT AU MATELOT STREET, QUEBEC.

## PULPWOOD, LUMBER AND TIES

LET US KNOW YOUR REQUIREMENTS

WRITE, WIRE, OR PHONE

### WILSON BROS.

*Wholesale Lumber*

WOODSTOCK - ONTARIO

All kinds of Sawn Lumber  
Your enquiries solicited.

We are open to consider offers on cuts of Jack Pine, Spruce, Hemlock and White Pine. Also standing Rock Elm. Quote us on any Lath you have to offer.

Can supply No. 1 Com. & Btr. Rock Elm, 4/4, 5/4, 6/4, 8/4 and 10/4. Quotations upon application.

### Thompson Heyland Lumber Co.

123 Bay Street - - - Toronto

For Sale

Everything in Dry Hemlock Lumber.  
500 M. 1 x 4 x 5 x 6 in choice Merchantable Spruce.

Wanted to buy

2 million feet Spruce, Jack Pine and Hemlock for spring delivery.

10,000 cords of Spruce and Balsam, peeled pulpwood.

10,000 cords peeled poplar.

50 M. Ties in Cedar, Hemlock and Jack Pine.

Will make the necessary advances.



GILLIES BROS., LTD.

BRAESIDE

ONTARIO

WHITE PINE

RED PINE  
SPRUCE

*Dry Stock*

*Well Sawn*

*Prompt Shipment*

We Want to Buy

Birch Maple Spruce

Will buy Mill Cuts

For Sale

Jack Pine, Lath, Quebec Spruce

Greig-Morris Ltd., Toronto



## The Same Good Quality

that makes these New Brunswick White Cedar Shingles famous is still found in every shipment that leaves our plant.

If you want to get the reputation of selling something really good this is the kind to handle. Made by

W. H. MILLER CO. LIMITED

Campbellton, N. B.

We also manufacture Spruce and Pine Lumber, Lath, Cedar Tiles, etc.



# Black Rock Lumber Company

421-423 FIDELITY BUILDING

- - - BUFFALO, N. Y.

5 million feet of 4/4", 5/4", 6/4", 8/4" Dry White Pine in pile.

Also Jack Pine, Spruce and Hemlock Lath.

MILLS AT: Braeside, Midland, Victoria Harbour, ONTARIO

## Hardwoods

BIRCH  
 25,000' 3 x 6 & wider.  
 200,000' 2 x 4 " "  
 230,000' 1 x 4 " "

MAPLE  
 3,000' 3 x 6 & up.  
 110,000' 2 x 4 " "  
 300,000' 1 x 4 " "

RED OAK  
 40,000' 2 x 6 & up.  
 30,000' 1 x 4 " "

The above all dry stock, well manufactured good average widths and lengths.

Grade No. 3 Common &amp; Better.

## Softwoods

Softwoods

White Pine.

Red Pine.

Spruce.

Hemlock.

## The Rideau Lumber Co.

LIMITED

Established since 1897

Canada Life Building, Ottawa, Canada

## The Shrewd Buyer Appreciates "Stalker Values"

Write us for quotations on the products listed below. You will be surprised at the outstanding values they represent.

### B.C. FIR, SPRUCE, PINE LATH, SHINGLES AND HARDWOODS

DOUGLAS A. STALKER

122 Wellington Street

Sherbrooke

## Dry Stock for Immediate Shipment

4/4 6/4 8/4 Beech	4/4 8/4 Basswood
4/4 8/4 H. & S. Maple	4/4 8/4 Oak
4/4 8/4 B. & W. Ash	4/4 6/4 8/4 Sound Chestnut
4/4 8/4 Elm	

Mill now running. Can cut bills to order. Cordwood and slabs for sale.

Write for particulars and prices.

## McClung, McLellan & Berry

Kinglake, Ontario



## A.K. Hansen & Co.

REGISTERED

MANUFACTURERS—EXPORTERS—WHOLESALE

Mills: Laterriere, Que., and  
Charlevoix Dist., Que.

## Spoolwood, Pulpwood and Lumber

82 St. Peter Street, Quebec, P. Q.



# Thurston-Flavelle, Limited

MANUFACTURERS OF

## British Columbia Red Cedar Exclusively Cedar Bevel Siding, Finish, V-Joint and Mouldings

Our Shingles are all Packed by the "Thousand"

Straight or mixed cars with XXX and XXXXX Shingles.

Stocks carried at Lindsay, Ont., for quick shipment

Ontario Agents:

Gull River Lumber Co., Ltd., Lindsay, Ont.

Quebec and Maritime Provinces Agents:

Rose-McLaurin Limited, 2 Toronto St., Toronto.

Full particulars from our Eastern Agents.

**Head Office and Mills, Port Moody, B. C.**



## Our Service Measures up With the Best of 'em

Time and again we have demonstrated to buyers our ability to surpass in quality, in value and in quicker shipments. Ours is a personal service. We try to learn the buyer's **Individual** requirements so as to give him better satisfaction in

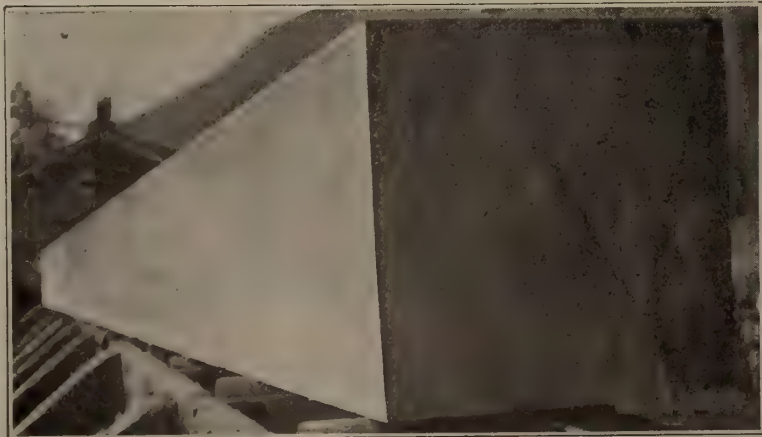
## British Columbia Lumber

Long experience has taught us a great deal about the requirements of buyers of Lumber and we will appreciate an opportunity to demonstrate the advantage of this experience to you in dollars and cents.

# APEX LUMBER COMPANY, LTD.

Ontario Representative: J. D. Robinson, 225 Hall Avenue,  
Windsor, Ont.

**Vancouver, B.C.**



35x35—82 ft. long Fir Timber

### OUR SPECIALTIES:

## Long Fir Timber Planking Decking

Cutting orders for 2" in long lengths either Common or Clear (obtained as side cut).

Planer capacity 6" x 30". We do not operate dry kiln, but can arrange to air-dry in our yard to requirements.

Our Mill is on Canadian Pacific Railway with Rail Connection (Five Miles) to Tidewater on Alberni Canal, Navigable for all Vessels.

## BAINBRIDGE LUMBER CO. Limited

Cable Address:  
Bainbridge Lumber, Victoria

**Bainbridge, B.C.**

Telephone and Postal  
Service at Bainbridge

Sales Office: 421 Pemberton Building, Victoria, B. C.



# WHITE PINE

All

Grades and Sizes

30

Million Feet

In Stock

For Immediate Shipment

Stocks at

Pakesley

and

Victoria Harbour

*Write for Quotations*

**SCHROEDER  
MILLS AND TIMBER CO.**

Frank J. Archibald, Sales Representative  
Room 305 Stair Bldg. 123 Bay St., Toronto, Ont.

ESTABLISHED 1893

INCORPORATED 1916

**ROBERT BURY  
& COMPANY**  
(CANADA), LIMITED

1 Spadina Avenue Toronto

Our Dry Kilns have a capacity for drying 200,000 feet per month. We will dry your transit cars.

All Canadian and American  
Hardwoods

**MAHOGANY  
WALNUT  
VENEERS AND PANELS**  
of every description

## *THIS WEEK'S SPECIALS*

Car 4/4 and 6/4 FAS Chestnut.  
Car 4/4 to 12/4 FAS Walnut.  
200M' 4/4 to 16/4 Mahogany.  
Good stock of Trim Lumber in Oak and Gum.  
Car 3/8 and 1/2" 3-Ply Fir Door Panels.  
Car 1/4" 3-Ply Fir Door Panels.  
Car 1/8" 3/16" and 1/4" 3-Ply Cottonwood.

## VENEERS

MAHOGANY, OAK, WALNUT, GUM,  
BIRCH, BASSWOOD, ASH, MAPLE, and ELM  
Log run or cut to dimension

## PANELS

BIRCH, BASSWOOD, ASH, MAPLE, ELM, FIR,  
MAHOGANY, WALNUT, OAK and COTTONWOOD

**We Specialize in Mixed Ship-  
ments of Dry Hardwoods,  
Veneers and Panels**

*This is a good time to conserve your cap-  
ital by making purchases in  
this manner*



**With Ontario** White Pine Lumber and Lath  
Red Pine Lumber

**Quebec** Spruce Lumber and Lath

**British Columbia** Fir Timber

Dressed and Rough Clears  
and Common Lumber.  
Red Cedar Shingles

*We are at your service*

## The A. E. GORDON LUMBER CO.

705-6 CONFEDERATION LIFE BUILDING

Phone Adelaide 4281

Toronto, Ont.



**The Spanish River Lumber Co. Limited**  
LUMBER MANUFACTURERS CUTLER, ONTARIO

WHITE PINE,  
NORWAY PINE,  
HEMLOCK

Shipments  
by Rail  
or Water



# British Columbia Lumber

*"Manufactured in Modern Mills"*

Quality Lumber in all Grades and Sizes

Specialities:—

Fir Cross Arms

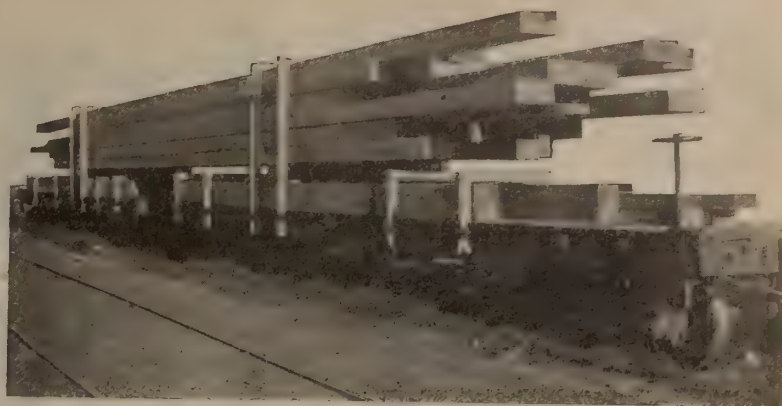
Spruce Box Shooks

Klin Dried Finish & Flooring

Rail Shipments to all parts of Canada  
and United States

## Cameron Lumber Co., Ltd.

Office & Mills - VICTORIA, B. C.



## Let us Serve You!

Long Timbers  
Deep and Heavy Joists  
Special Industrial Items

Rough—any size up to 110' long,  
S4S up to 16x20 x 100'

## Timberland Lumber Co., Limited

New Westminster, B. C.

Mills: South Westminster—Logging Camps: Ladysmith, Vancouver Island.  
Shipments over all railways.

## FIR SPRUCE PINE



## CEDAR LATH LUMBER

Manufactured by

## Adams River Lumber Company Ltd.

MILLS AT CHASE, B. C.

We can make prompt delivery on any of these products for there is 25 million feet in pile. All stock is extra dry, perfectly manufactured and liberally graded. Orders filled in straight or assorted cars. Write, wire or phone for quotations on your requirements.

### J. T. Todd, Eastern Manager

1303 Bank of Hamilton Bldg. Toronto

Phone Main 4425





G

# QUALITY LUMBER

G

G. A. Grier & Sons Limited offer the merchant the highest grade lumber—expertly manufactured and liberally graded—at prices made possible by our large turnover.

Whether your requirements are large or small, immediate or future, we are sure we can please you and would welcome the opportunity.

***Write for Quotations***

**G. A. GRIER & SONS, Limited**  
**MONTREAL** *Established 1871* **TORONTO**

Head Office: 1112 Notre Dame St. West

22 Royal Bank Chambers, 454 King St. West

G

*We have no connection with or interest in any other firm bearing a name similar to ours*

G



# Anderson, Shreiner & Mawson

ALL KINDS OF HARDWOOD AND SOFTWOOD  
**LUMBER**

*Specialties*  
BIRCH AND MAPLE  
All Thicknesses

MILLS AT  
KING LAKE and EAGLE LAKE, ONT.

ROOM 411, COLONIAL BLDG.  
13 KING ST. WEST, TORONTO

Write or Wire Us, or Phone Adelaide 8085

## *Canadian Tie and Lumber Co.*

LIMITED

511 Temple Building,  
Toronto, - - - Ontario

Phone Main 1151.

Cutting Capacity 300,000 Ft. per Day

# McFADDEN & MALLOY

Red & White Pine **LUMBER** In Any Quantities

The above is supplied by us in all standard grades and dimensions. All lumber is of guaranteed quality and grade as ordered. Our location and facilities enable us to give our

patrons the utmost in service and prompt shipments. Let us quote on your requirements. You will find our prices right, and our product satisfactory.

Mills at: - SPRAGGE, ONT. & BLIND RIVER, ONT.



# International Land & Lumber Company Limited LUMBER AND RAILWAY TIES

Limits and Mills: ST. FELICIEN, LAKE ST. JOHN DISTRICT, QUEBEC

## "LOOK

Dry Jack Pine Flooring, V Sheeting & Etc.

1 Million feet of 1 x 4 and 5-10-16 feet Common and Better—Excellent Mill work at Shipping point.

## ALSO

Assorted stocks of Hemlock, Spruce and Pine.

## MILLMEN

We are always open to buy cuts of Spruce, Hemlock and Pine."

# ARTHUR N. DUDLEY

Manufacturer and Wholesaler

108-109 Stair Building,

TORONTO, ONT.

TELEPHONE MAIN 6368

# The Leigh Lumber Co.

33 Richmond St. West

Toronto

Dry Stock for February Shipment

75,000 4/4, 6/4 and 8/4 Birch 3 Com. and Better.  
30,000 4/4 Basswood 3 Com. and Better.  
150,000 4/4, 8/4 Hemlock, log run.

Green Stock Winter Cut 1923

100,000 ft. 4/4, 6/4 and 8/4 Maple.  
75,000 ft. 4/4, 6/4, 8/4, 10/4 Birch.

# George Burchill & Sons

Manufacturers of

Spruce and Pine Lumber  
Laths, Shingles, Nail Keg Staves

ALSO

Planing and Dressing Mill  
Sash and Door Factory  
Mouldings, Etc.

A quantity of uncrozed nail keg staves in good shipping condition on hand

South Nelson - Miramichi - New Brunswick

# THE McCORMACK LUMBER CO

Bank of Toronto Building

HAMILTON, Canada

We are in the market for and would like to get prices on stocks of—

Jack Pine  
Spruce  
Hemlock  
Lath

Wire or Write us.

# Dry Hemlock, Spruce and Pine

In all dimensions

1920-1921-1922 cut

Ontario and Quebec stock

TIES AND PILINGS

Also PINE, SPRUCE and HEMLOCK LATH

All for immediate shipment.

# Big Bear Lumber Company

Telephones Main 651-1218-1219.

Suite 208 Excelsior Life Building, Toronto, Ont.



# BRITISH COLUMBIA WESTERN HEMLOCK O.K.

## Ask the Man Who Has Used It

The proof of the value of wood is in the service obtained therefrom.

Lumber dealers and their customers are getting to like BRITISH COLUMBIA WESTERN HEMLOCK better the more they deal in it or use it.

It is not a hardwood but is possessed of a grain that is externally beautiful. It takes a high polish, is free from pitch and "shakes" and possesses great strength.

Don't wait until all your competitors have established a reputation for handling BRITISH COLUMBIA WESTERN HEMLOCK.

We'll be glad to send you BRITISH COLUMBIA WESTERN HEMLOCK in mixed carloads along with our other BIG CHIEF Brand Specialties, British Columbia Red Cedar Shingles, and Cedar and Fir lumber in all sizes known to high-class manufacture.

## VANCOUVER LUMBER CO., LIMITED, Vancouver, B.C.

Branch Sales Offices at Toronto, Ont., Winnipeg, Man., Chicago, Ill.



# Mason, Gordon & Co., Limited

80 St. Francois Xavier St.

(Wholesale Only)

Montreal, Que.

British Columbia Products

White Pine and Quebec Spruce, Fir Doors

(Carload Lots)

Vancouver Office:

Pacific Building

Hubert C. Gordon

Representative

Exclusive Representatives

Quebec and Maritime Provinces

B.C. Mills, Timber & Trading Co.

Vancouver, B. C.

**MK**

## LUMBER

**MK**

**L  
A  
T  
H**

### MUIR & KIRKPATRICK

1325-6-7-8 BANK OF HAMILTON BLDG.

TORONTO, CANADA

MANUFACTURERS AND WHOLESALERS

**L  
A  
T  
H**

**MK**

## LUMBER

**MK**

## BALED SHAVINGS

CAR LOTS

### W. C. EDWARDS & Co., Limited

OTTAWA

:-

CANADA



# C. A. LARKIN COMPANY

## WHOLESALE LUMBER MERCHANTS

229 Confederation Life Building  
TORONTO, ONT.

# ATLANTIC-PACIFIC LUMBER COMPANY

715 Pacific Building, VANCOUVER, B. C.

Now Specializing in

**B. C. Lumber and Shingles  
Red Cedar Poles  
Cedar and Fir Piling**

Operating Camps on the Pacific Great Eastern  
Ry. in the heart of the Finest Pole and Pile  
Timber on the Pacific Coast

*Good Shipments, Right Prices. Wire or Write.*



View of our recently rebuilt modern planing mill.

## ***BUY B.C. FIR and HEMLOCK***

We solicit correspondence and inquiries from

### **THE EASTERN CANADIAN TRADE**

For fir yard stock, B. C. or Hemlock Shiplap and  
Boards, timbers any size and length up to 90 feet.

We also specialize in mixed cars of high-grade fir  
uppers and mouldings and are also manufacturers  
of fir doors.

**Robertson & Hackett Sawmills, Ltd.**

Established 1888

Mills and Office : FALSE CREEK, VANCOUVER, B.C

## **Lumber and Lath For Sale**

**Spruce, Hemlock, Pine and Hard-  
wood Lumber** manufactured to  
order Also random stocks on hand.

Get our prices on both lumber and  
laths, cargo or car lots.

**Musgrave & Company Limited**

Eastern Trust Bldg.

Halifax, N.S.

## **BALED SHAVINGS FOR SALE**

Apply to

**L. S. BARRAND**

Pembroke, Ont.



## Manufacturers and Wholesalers of Canadian Hardwood and Softwood Lumber

Specializing in Rock Elm, and Oak Ship Timber. Hard Maple, Birch, Soft Elm and Basswood Lumber. We also handle B.C. Fir and Pine in all thicknesses and grades.

To mill men:

We will buy your full cut of Lumber.

Heavy Portable Sawmill with Power and Camp Equipment for sale. Terms arranged.

# HALL BROS., LIMITED - 300 Crown Office Bldg.

Write

Phone Main 2806  
Phone

or Wire

TORONTO



*"Lumber at first cost"*

## A. A. Sutherland Lumber Co.

LIMITED  
Oxford, N.S.

*Specialty made of dimension lumber any length up to 30 ft.*

### SPRUCE HEMLOCK HARDWOODS

### BEECH, MAPLE and BIRCH

*High quality lumber, liberal grading, conscientious service  
and prompt shipment*

LET US QUOTE ON YOUR LUMBER REQUIREMENTS

## Story Lumber Co., Ltd.

### Wholesale Lumber Dealers

Pine Spruce Hemlock Hardwood

Head Office: 701-703 Hope Chambers,  
Ottawa, Canada

Branch Office: 30 St. John Street, Montreal, Que.

Cable Address  
'BENLUMCO'

Codes used  
ABC 5th Western Union  
Universal

## Bennett Lumber Co., Limited

Manufacturers and Exporters

### Spruce, Pine and Hardwood Lumber

### American Hardwoods & Mahogany

11 St. Sacrament St. MONTREAL, P.Q.

## EVERYTHING IN Lumber, Lath, Shingles, Ties, Posts, Sash, Frames, Doors, Mouldings, etc.

*Dressing and matching in Transit*

The John Carew Lumber Co. Ltd.  
Lindsay, Ont.

# New Ontario Colonization Co., Ltd.

MANUFACTURERS

## SPRUCE AND JACK PINE

### Tamarack

### Poplar

### Rossed Pulpwood

### Lath

Sales Office: BUFFALO, N. Y.  
503 Niagara Life Bldg.

Mills: JACKSONBORO, ONT.  
Transcont. Div. Can. Nat. Rys.



# DRY LUMBER

We can offer the following block of  
**RED PINE**

subject to prior sale and for immediate shipment:

28,000 ft. 2 x 3/4 6/16 (Practically all 4")  
23,000 ft. 2 x 5 6/16  
34,000 ft. 2 x 6 6/16  
7,500 ft. 2 x 8 6/16  
1,200 ft. 2 x 10 6/16  
60,000 ft. 2 x 4/10 6/16 Mixed.  
32,000 ft. 1 x 3/up 10/16 (Largely 4, 5 and 6 in.)

*Send us your inquiries.*

For personal service, close prices, and prompt shipment,

WRITE

**J. C. BARTRAM**  
JACKSON BLDG., OTTAWA



We Want to Buy

**WINTER  
CUT**

**HEMLOCK**

**Jack Pine**

**Spruce**

**LINTON LUMBER COMPANY**  
306 Kent Building - Toronto  
Phone: Adelaide 3607

President:  
Sir William Price

Established  
1882

Vice-Pres. and Gen'l Manager  
Alfred S. Gravel

# SPRUCE

and

# Hardwood

If its good **Quebec Spruce** you want we have it ready for prompt shipment.

Mail us your inquiries.

We also specialize in **Hardwood Flooring**.

## The Gravel Lumber Co., Ltd.

MANUFACTURERS and WHOLESALERS

Mills and Head Office  
Etchemin Bridge,  
Quebec

Selling Office:  
Room 501 Drummond Bldg.,  
Montreal

# GOOD PINE

## At Gogama

19,000' 1 x 4/up 6/9' Good Shorts, White Pine.  
43,000' 1 x 4 to 6, 10/16' Good Strips White Pine  
31,000' 1 x 7/up 10/16' Good Sides, White Pine.  
4,000' 5/4 x 4 to 6" 10/16 Good Strips White Pine.  
3,500' 5/4 x 7/up 10/16' Good Sides White Pine.  
29,000' 6/4 x 6/up 10/16' Sides, Good White  
65,000' 8/4 x 6/up 10/16' Good Sides, White  
25,000' 1 x 6/up No. 3 Cuts & Better White Pine.  
7,000' 6/4 x 6/up No. 3 Cuts & Better White Pine.  
50,000' 8/4 x 6/up No. 3 Cuts & Better White Pine.

## At Cache Bay

15,000' 1 x 6/up No. 3 Cuts & Btr. White Pine.  
24,000' 8/4 x 6/up No. 3 Cuts & Btr. White Pine.

*All of the above in good shipping condition*

## The Long Lumber Company

TORONTO OFFICE: - - - - HEAD OFFICE:  
25 Toronto Street - - - - Hamilton, Ont.



## NEW EQUIPMENT

New Dressing and Resawing Plant with "Woods" Fast  
Feed Planer Matcher with Profiler, and "Yates" Resaw

Situated on C.N.R. at Nelson N.B. Milling in Transit

These additional facilities were made necessary by our  
growing business. With it we will be able to offer even  
greater service and quality to our customers.

## O'BRIEN LIMITED

Established 1869 by John O'Brien

Manufacturers of Lumber

Rail and Deep Water Shipment

South Nelson, N. B.

Miramichi, Can.

## GET THE BEST

↓  
**IT  
WILL  
PAY  
YOU**

OLIVER White Pine and Hard-  
woods add a zip to sales and send  
your prestige stock soaring.

*Get quotations today*

## The Oliver Lumber Co.

OF TORONTO LIMITED

6 King St. West

TORONTO

## Charles O. Maus Lumber Co.

South Bend, Ind., U.S.A.

## SOUTHERN AND NORTHERN HARDWOODS

Red Gum (plain or quartered)	Sap Gum (plain or quarter cut.)	Oak (plain or quarter cut.)	Ash	Maple
Birch	Southern Elm	Cottonwood	Cypress	
Tupelo	Poplar	Walnut	Mahogany	

HIGH GRADES— When you think of lumber, think of us —SERVICE

*Now is the time to buy*

## LUMBER OF ALL KINDS

# SANTERRE

AND

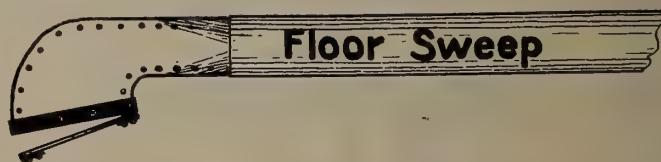
# PINEAU

Rimouski, Quebec

Manufacturers and Wholesalers of Lumber

Quality Service, and Delivery Guaranteed

MILLING IN TRANSIT A SPECIALTY

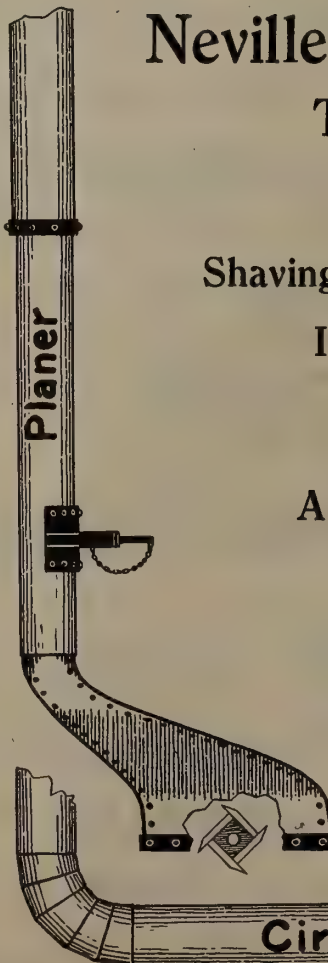


Floor Sweep

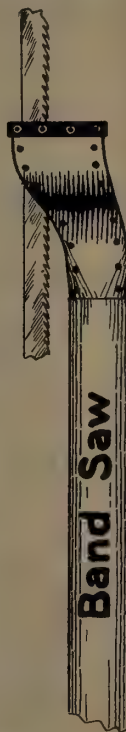
Neville-Cooper Co.  
Toronto

Shaving Pipe Systems  
Installed Complete

Alterations  
and  
Repairs



Planer



Band Saw



Circular Saw



## Hardwoods Wanted

Send us in your list of  
lumber and let us get  
together.

**The Kinnon Lumber Company Ltd.**  
454 King Street, West - TORONTO

## JAMES C. McCUAIG & CO.

Lumber, Logs, Telephone,  
Telegraph Poles  
Railway Ties, Pulpwood

410 Union Bank Building  
**OTTAWA** - **ONTARIO**

CABLE ADDRESS:  
"LUMBEROLL"

Codes:  
A B C 5th EDITION  
ZEBRA CODE 3rd EDITION

*The*  
**Rolland**  
**Lumber Co.**  
LIMITED

WHITE PINE AND SPRUCE

Export and Domestic

62 St. James St. Montreal, Canada

## FRASER BRYSON LUMBER CO., Limited

Office : Fraser Building,  
53 Queen Street - OTTAWA, Can.

*Wholesale Lumber Dealers  
and Selling Agents for*

**FRASER & CO.**  
Manufacturers

**White Pine, Red Pine,  
Spruce, Hardwood  
Lumber and Lath**

## R. Imrie Lumber Company

18 Toronto Street, Toronto

Phone Adelaide 580

**Here's What You Want!!!!**

2 x 4—9/10/16 5th & Btr., Spruce and Jack Pine.  
2 x 5 & up—9/10/16—5th & Btr., Spruce and Jack Pine.  
2 x 4—9/10/16—Sound Wormy Spruce and Jack Pine.  
2 x 5 & up—9/10/16—Sound Wormy Spruce and Jack Pine.  
1 x 4 & up 5th & Btr., Spruce and Jack Pine.  
Mill Run White Pine in 2" and 1".  
Mill Run Red Pine in 8 x 8, 3 x 8 and 2" and 1".  
Jack Pine Mills sawing early in December—Can cut to order.

PRICES ON COAST AND MOUNTAIN STOCKS ON REQUEST

## Gregertsen Brothers Co.

McCormick Building  
**Chicago, Ill.**

Yards and Planing Mill at Cairo, Ill. where we  
carry four million feet of high grade Cypress for  
quick shipment.

*We are the Cypress Specialists*



# A Guaranteed Product

at an exceptionally

## Low Price

### “Renfrew” Brand Hardwood Flooring

continues to increase in popularity with both dealer and consumer. The reason is not difficult to find—for where else can a guaranteed product be obtained at such exceptionally low prices?

Retail dealers should consider the advisability of stocking up now in anticipation of the rush of work when the Spring season begins.

Deliveries can be made promptly in any quantities and in all grades. Ask us for full particulars.

*Planing Mill Work—Milling in Transit*

## Renfrew Lumber Co., Limited

Renfrew - - - - - Ontario

Sash, Blinds, Doors, Door Frames, Mouldings, Lath, Shingles,  
Rough and Dressed Lumber



# CRANE FITTINGS

MALLEABLE ————— CAST IRON

## Make Tight Joints

Our patterns for malleable and cast iron fittings include all the necessary sizes and shapes to meet all requirements.

*Manufacturers of Valves, Fittings and Piping Equipment  
and Distributors of Pipe, Plumbing and Heating Supplies.*

Branches and Warehouses:  
HALIFAX, OTTAWA, TORONTO,  
HAMILTON, LONDON, WINNIPEG,  
REGINA, CALGARY, VANCOUVER.

Sales Offices:  
ST. JOHN, N.B., QUEBEC, SHERBROOKE,  
EDMONTON, VICTORIA,  
SYDNEY, AUSTRALIA.

## CRANE LIMITED

General Office & Exhibit Rooms  
386 BEAVER HALL SQUARE  
MONTREAL

Works  
1280 ST. PATRICK ST.  
MONTREAL

## CRANE-BENNETT LIMITED

Head Office and Warehouse:  
LONDON, ENGLAND,

Sales Offices:  
BIRMINGHAM, CARDIFF,  
GLASGOW, LEEDS, MANCHESTER,

6a

## Subscribers' Information Form

Many letters reach us from subscribers enquiring where a certain machine, a certain kind of lumber or veneer, or some other class of goods, can be obtained. We can usually supply the information. We want to be of service to our subscribers in this way, and we desire to encourage requests for such information. Make use of this form for the purpose.

"CANADA LUMBERMAN"

345 Adelaide Street West, Toronto

Date.....19..

Please tell us where we can procure .....

.....

.....

.....

Name .....

Address .....





# SIMONDS SAWS

When you equip your mill with Simonds Saws—Solid Circular, Inserted Tooth Circular, or Band saws you will find that you get more production and better graded lumber.

A Simonds Saw has backbone—will stand heavy feed and retain its cutting-edge longer. Their quality is guaranteed.

We make and temper our own steel.

Write for Catalog and prices

## Simonds Canada Saw Co., Ltd.

St. John, N.B.

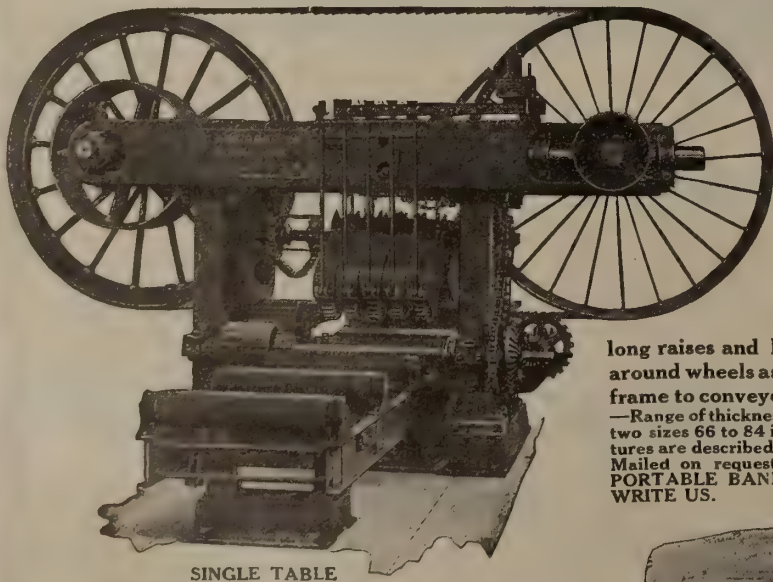
"The Saw Makers"  
MONTREAL, Que.

Vancouver, B.C.

THE CLARK TRADEMARK IS KNOWN WHEREVER SAWMILL MACHINERY IS KNOWN

### Ever Consider Why These Machines Are So Popular?

THE POSSIBILITY FOR FAST AND ACCURATE PRODUCTION IN THE  
"CLARK" HORIZONTAL RESAW IS THE ANSWER  
QUALITY, ACCURACY, STRENGTH AND SERVICE



SINGLE TABLE

The "Clark" Horizontal Resaw

This picture shows a rear view of the "Clark" single table Horizontal Resaw.

Some of the special features are—The method of returning stock through machine, eliminating expensive return system—The use of the lower part of saw blade, this means the resaw sets on mill floor where every part is accessible.

Entire table twenty-four feet long raises and lowers—Elimination of sawdust around wheels as all dust and bark passes through frame to conveyor below. Hand or Steam Setworks—Range of thicknesses from  $\frac{1}{2}$  in. to 14 in., made in two sizes 66 to 84 inches. Many other special features are described in our Resaw catalogue. Mailed on request. IF INTERESTED IN PORTABLE BAND MILLS WRITE US.

ONE OF  
AMERICA'S  
GREATEST  
MANUFACTURING  
PLANTS DEVOTED  
EXCLUSIVELY TO  
THE MANUFACTURE  
OF HIGH GRADE  
SAWMILL MACHINERY





## Annual Convention of Canadian Lumbermen Was the Greatest Ever Held

*Many Important Matters Considered in Open Session—Angus McLean Elected President for Coming Year and Buffalo Selected for Next Gathering—Membership Fees Increased and Many New Firms Join—Trade Outlook Reviewed and Bright Prospects Arouse Interest—Lumbermen Contend Freight Rates are Still Excessive and Call for Reduction—Montreal Members Provide Splendid Entertainment*

Representative in attendance, enthusiastic in character and fruitful in achievement was the fifteenth annual gathering of the Canadian Lumbermen's Association which was held at the magnificent Mount Royal Hotel, Montreal, on Wednesday and Thursday January 24th and 25th.

Buffalo, N.Y., was selected as the convention centre for 1924, a hearty invitation being received from representative commercial and lumber bodies to assemble there.

Angus McLean, of Bathurst, N.B., who last year was one of the vice-presidents of the C.L.A., will, during the coming twelve months, guide the destinies of this deliberative and outstanding federation of lumbermen. The number of delegates broke all precedents and the yearly conclave of the forest products men of the Dominion was from every standpoint, legislative, creative, financial and social, a distinct success and remarkable record in the history of this nationally named and internationally recognized organization.

The new officers and directors elected for the coming year are:—

Hon. President, J. R. Booth, Ottawa.  
President, Angus McLean (Bathurst Co., Ltd.) Bathurst, N. B.

First Vice-Pres., George W. Grier (G. A. Grier & Sons, Ltd.) Montreal, Que.



Angus McLean, Bathurst, N.B.  
Newly Elected President of C.L.A.

Second Vice-Pres., David Champoux (Chaleurs Bay Mills) Restigouche, Que.  
Hon. Treas., R. G. Cameron, Ottawa.  
Secretary, Frank Hawkins, Ottawa.  
Manager, Transportation, R. L. Sargent, Ottawa.

Newly-elected Directors to serve three years:—

From Ontario,—Walter M. Ross, (J. R. Booth, Ltd.); W. J. Bell (Spanish River Lumber Co., Ltd.) Sudbury; W. C. Laidlaw (R. Laidlaw Lumber Co., Ltd.) Toronto.

From Quebec,—Arthur H. Campbell, (Campbell, McLaurin Lumber Co., Ltd.) Montreal; J. S. Bock (Eagle Lumber Co., Ltd.) Montreal.

From New Brunswick,—W. B. Snowball (J.B. Snowball Co., Ltd.) Chatham.

From Nova Scotia,—Rufus E. Dickie, Stewiacke.

The full Board of Directors of the Canadian Lumbermen's Association now consists of A. E. Clark, Toronto; Gordon C. Edwards, Ottawa; W. E. Bigwood, Toronto; W. Gerard Power, Quebec; Angus McLean, Bathurst, N.B.; Spencer Kellogg, Utica, N.Y.; R. E. Stocking, New York; Dan. McLachlin, Arnprior, Ont.; R. E. Bremner, Ottawa; David Champoux, Restigouche; George W. Grier, Montreal; Brig. Gen. J. B. White, Montreal; J.

Fraser Gregory, St. John; E. C. Knight, Vancouver; W. J. Bell, Sudbury; Arthur H. Campbell, Montreal; W. B. Snowball; Chatham, N.B.; Rufus E. Dickie, Stewiacke, N.S.; R. G. Cameron, Ottawa; Walter C. Laidlaw, Toronto; Walter M. Ross, Ottawa; J. S. Bock, Montreal.

### Next Convention Meets in Buffalo

It was decided that the next annual gathering would be in Buffalo, N.Y. M. F. Preisch, of the Haines Lumber Co., North Tonawanda, N.Y., and former president of the National Wholesale Lumber Dealers' Association, presented a strong invitation, on behalf of the Buffalo Chamber of Commerce, the Buffalo Lumber Exchange and the White Pine Association, of North Tonawanda, N.Y., for the Canadian lumber parliament to assemble in the Bison City in January 1924. The greetings from these institutions were of the most cordial nature, and it was pointed out that the Canadian Lumbermen's Association was international in character, having a large membership on the other side of the line.

At the 1922 session in Toronto the C.L.A. in honor of its American friends and the support they had always given the Association, elected two directors from over the border in the persons of Spencer Kellogg, of Chas. C. Kellogg & Sons Co., Utica, N.Y., and R. E. Stocking, of Power, Moir



George W. Grier, Montreal,  
Newly Elected First Vice-President

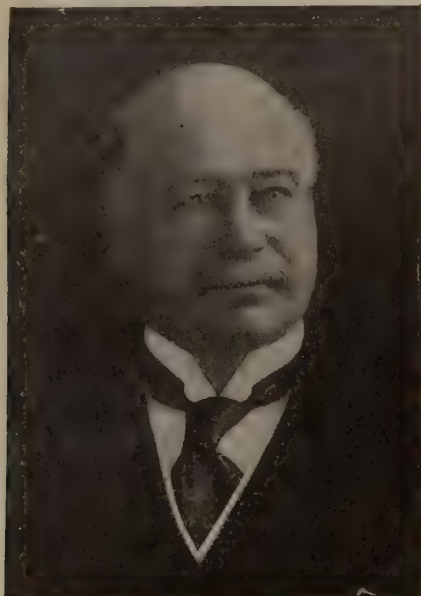


David Champoux, Restigouche, Que.  
Newly Elected Second Vice-President



& Stocking, Inc., New York City. Both of these gentlemen and a large number of guests from Buffalo, Philadelphia, New York, Boston, Rochester, Detroit and other points were in attendance at the Montreal convention.

Among the visitors of note were Frank F. Fish, secy-treas. of the National Hard-



W. B. Snowball, Chatham, N.B.  
Re-elected Director

wood Lumber Association, Chicago, and Ben. C. Currie, of Philadelphia, vice-president of that organization, and W. W. Schupner, of New York, secretary of the National Wholesale Lumber Dealers Association and many others. The national lumber bodies of America have paid a compliment to Canada in the past in electing Canadian directors on their boards, and this courtesy has been reciprocated, as already stated, by the Canadian Lumbermen's Association. Now the latter body has, out of respect and appreciation to its many friends and members in the United States, unanimously decided to foregather in Buffalo, N.Y., a year from now. Mr. Preisch presented the invitation in a neat speech, and President Clark warmly thanked him for the kindly tone of the messages which he conveyed.

The hospitality of the Montreal lumbermen was unbounded and the entertainment provided was on a scale that won hearty approval on all sides. The Men's Luncheon in the La Salle Doree, of the

Mount Royal Hotel, on Wednesday at noon, was attended by about 400 lumbermen, while the grand ball in the banquet hall on the same evening attracted about 700 guests. There was ample provision made for the ladies from shopping tours to tobogganing, including sleigh drives and theatre parties. George W. Grier and Brig.-Gen. White were joint chairmen of the Entertainment Committee. They were ably assisted by members of the Wholesale Lumber Dealers' Association, of Montreal, and the Montreal Lumbermen's Association.

#### Membership and Fees Increase

Another important matter was that the membership of the C.L.A. has increased to over 200, several joining during the session. It was decided to raise the annual fee to \$80.00, which will include all services in each department. Heretofore the subscription fee has been \$50.00 with an additional levy of \$20.00, for the service of the transportation branch. A proposal to make the fee \$100.00 was not carried, and the recommendation of the directors that the figure be \$80.00 was adopted by a large majority.

Many important resolutions were carried on a number of practical topics, relating to the weal and progress of the industry. These will be found in another column of the "Canada Lumberman" and



Arthur H. Campbell, Montreal  
Re-elected Director

present in succinct shape the result of the two days' deliberations at the Mount Royal Hotel, which was crowded from the main foyer to the top storey; V. G. Cardy, manager of the hotel and his staff extending a cordial welcome to all.

This year's conclave of the Canadian Lumbermen's Association was attended by over 500 delegates, including ladies, and the proceedings passed off pleasantly and profitably under the able guidance of president A. E. Clark, of Toronto. The formal agenda in the shape of reports, statements, etc., was quickly disposed of and the afternoon session of the first day, Wednesday January 24th, and the whole of Thursday January 25th were given over to timely and terse discussions on trade conditions, market outlook, export situation, forest conservation, woods activities, freight rates, workmen's compensation act, extension of trade and other topics. At no time did the discussion lag and the talks were pithy and comprehensive.

The keynote of the whole convention

was one of optimism and encouragement. A warning signal was hoisted by all the speakers against a runaway market, such as characterized the lumber trade in the early part of 1920. It was emphasized that the aftermath was too drastic and prolonged to desire a repetition of such an experience. A good, fair profit and stabil-



Rufus E. Dickie, Stewiacke, N.B.  
Re-elected Director

ization of the market were the sentiments heard on all sides, together with a desire for greater economy in management and operation and higher efficiency in service and distribution.

All the speeches were of a broad, tolerant character and evidenced no thought of profiteering by reason of a shortage in any line of forest products. They demonstrated that, by co-operation of interest and unity of effort on the part of all branches of the industry, 1923 might show earnings that were honest and square. On all sides the call went out against the creation of speculative, inflated or an artificial state of affairs. Wholesalers and manufacturers believe that 1923 should be a year of normal demand and steady turnover.

There were other outstanding features of the convention, including greetings from Sir Keith Price, a widely known timber merchant of London, England, who, while admitting that the European situation was alarming, still said that trade conditions were getting better in the Old Country and merchants were more cheerful.



J. S. Bock, Montreal  
Newly-Elected Director



Walter M. Ross, Ottawa, Ont.  
Newly-Elected Director



# Some Important Resolutions Adopted

## Freight Rates Still too High

Whereas the railroads in both the United States and Canada are still being managed in an expensive and costly manner with ~~practically no reduction being made in their operating costs~~, and whereas this condition makes it necessary for the railways to continue charging high freight rates to cover these excessive costs, and whereas practically all industries producing and manufacturing the goods being transported and paying these high freight rates have succeeded in greatly reducing their costs of production and are giving the consumer the benefit on these reductions, and whereas many of these industries are obliged because of competition to sell their products with little or no profit owing to the high cost of railway delivery.

Be it resolved, that we, Canadian Lumbermen, in convention, do instruct the officers of our Association to use due diligence and employ all lawful means to impress upon the proper authorities the necessity of having our railways reduce their operating costs so that freight rates in Canada can be restored to the basis in existence September 1920. And further, that we, as individuals trading through or with American firms and shipping to the United States, do our utmost through these connections to bring about the same changes on the American railways so that our international traffic can be handled more cheaply.

## Workmen's Compensation Has Many Defects

Whereas Workmen's Compensation for industrial accidents has become a prohibitive charge on industry and, as at present constituted, is fundamentally unsound, and whereas this is due mainly to four causes,—

Charging full amount of accident to the year in which accident occurred, when payments in permanent disability and death cases are payable in from one to twenty years:

Paying of all medical fees by the Board, advantage of which is taken by some unscrupulous doctors to encourage malingering by the workmen;

The absence of the fundamental principle of contribution by the beneficiaries;

The injection of class representation into the personnel of the administrative Boards.

Be it resolved, that the Canadian Lumbermen's Association, in annual meeting, place its opinion on record that amendments should be made to the Workmen's Compensation Acts in such provinces where its act is administered by administrative boards, correcting these defects so that the act may be made just and workable; and further; resolved that where inexcusable fault is proved on part of the employee, the employer be not held responsible providing the employer has used his due diligence in providing all the necessary safeguards to protect employees.

## Promoting Trade Within the Empire

Whereas the Canadian Lumbermen's Association is greatly interested in promoting trade within the Empire, believing that commerce is one of the great cementing bonds and interpreters of mutual necessities and interests, and whereas the forest products of Canada are a large factor in such trade and commerce, particularly within the United Kingdom, it is the sense of this Convention that all due consideration be given to the matter of publicity and information that will promote a full understanding by the timber trade and public generally within the United Kingdom of the local and governing conditions in Canada as affecting the timber trade; and whereas the impression seems to be justified that the various timber trade journals of the United Kingdom do not especially feature trade news, facts and commentaries in respect to traffic and interest in Canadian woods in the United Kingdom; and whereas the reports in the same journals of trade operations and conditions in Canada are on the whole meagre and uninforming.

Be it resolved that this Convention being desirous of accomplishing the largest possible measure of trade intercourse within the Empire, appeals to the timber trade papers

of the United Kingdom to give sympathetic intention to the collection in the United Kingdom of all trade news, of value; to especially give effect to a policy of actively featuring and emphasizing the use of Canadian woods and to promote a more comprehensive correspondence with interested parties in Canada that conditions here may be fully reported; also, that this Association through its officers will do everything in its power to supplement such efforts and to co-operate to the desired result; that the secretary be instructed to send a copy of this resolution to the "Timber Trade Journals" 8-11 Paternoster Row, London, E.C. "Timber," 133 Middlesex St. London, E.I., "Timber News" 84 Leadenhall St. London, E.C. 3, and to any other publications which in his judgment may be interested.

## Membership Fees are Increased

Whereas it is expedient, in order to give the members a satisfactory service that the income of the Association should be sufficient to pay the necessary operating costs, and whereas the financial statement for the year 1922 shows that the revenue was not sufficient to do this, and there is no good purpose served in regarding the Transportation Department as a separate entity from the Canadian Lumbermen's Association.

Be it resolved that instead of the subscription fee being \$50.00 only, plus an amount additional towards the maintenance of the Transportation Department, the annual subscription should be made \$80.00 which will include all services in each department except in the case of the checking of freight bills for which a further charge may be made based upon the nature of the service performed.

## Lumbermen Endorse Use of Oleomargarine

Whereas oleomargarine is a "Canada Approved" food and is healthful, nutritious and palatable, and whereas oleomargarine is manufactured daily and sold fresh is a sweet wholesome and economical food, and our experience proves that oleomargarine has excellent keeping qualities and is suitable for our purposes, and whereas the British Government recently made a thorough deietetic revision of the menu for the British Army and Navy and prescribed oleomargarine as the official spread for the bread.

Be it resolved that the Board of Directors of the Canadian Lumbermen's Association respectfully and earnestly urges the Right Honorable, the Prime Minister and members of the Dominion Government to enact permanent legislation pertaining to the manufacture and sale of oleomargarine in the Dominion of Canada so that the Canadian people will not be deprived of a healthful and nutritious food which is at present manufactured under the Inspection of the Dominion Government.

## The Investigation of Roof Coverings

Having heard the report of the Executive Committee in connection with the Special Committee, consisting of three Montreal professional men, of which Prof. H. M. MacKay is chairman, appointed by the Dominion Government for the purpose of conducting a series of tests on roof coverings of all kinds.

Be it resolved that the Canadian Lumbermen's Association urge upon the Dominion Government at the coming session of parliament to provide in the estimates a sum sufficient to enable the Special Committee appointed for the purpose of conducting a series of tests and investigating the subject of roof coverings. And be it further resolved that copies of this resolution be mailed to the Right Hon. W. L. Mackenzie King, Prime Minister.

Resolutions were also carried, thanking the members of the Montreal lumber trade for their hospitality; the manager and staff of the Mount Royal Hotel for the able manner in which the delegates were looked after and also to the Buffalo Chamber of Commerce and the Buffalo Lumber Exchange for their invitation to meet in that city in 1924; to the trade and daily newspaper press for full reports given the proceedings; to President Clark for the capable manner in which he presided, and to the Canadian Pacific and Canadian National Railways for the service given.



# President Clark Reviews Association Work



A. E. Clark, Toronto, Ont.  
Retiring President of C.L.A.

President A. E. Clark, of Toronto, in his annual address covered several points of interest and importance. His remarks which were well received were as follows: Members of the Canadian Lumbermen's Association and visiting lumbermen of Canada and United States,—it affords me great pleasure to welcome you in such numbers to our Annual Convention. It is, indeed, gratifying to see such a large registration and to see numbered among them so many of our friends from the U.S.A. We feel our Association is rapidly assuming an international character. Whether we can claim all credit to our Association for the large attendance or whether Montreal's many attractions have been an added charm, at any rate we welcome you and

hope that you will attend all of our sessions in goodly numbers and with profit to yourselves. It is a source of pleasure to your board that in the New Mount Royal Hotel you find the last word in modern hotel equipment, lending every facility to perfect entertainment and enjoyment. The programme of social entertainment offered us by the Montreal Lumber Trade should leave nothing to be desired either by the ladies or the gentlemen and I am sure that when you have partaken of all these social feasts you will all feel, as I already well know, that Montreal lumbermen are royal hosts. Our programme for the different sessions of this Convention differs materially from previous conventions and may almost be called unique. I sincerely hope you will join freely and heartily in full discussions at all these sessions and assure our Convention's success.

As your presiding officer for the past year, I simply wish to review very briefly, the work of the Association for this term. Two years ago your board decided upon opening up a Transportation Department. The preliminary work necessary to the establishment of this Department was completed and the bureau in May 1921, under the management of Mr. R. L. Sargent. The report to be presented today in no way sets forth all the accomplishments of this Department. Mr. Sargent has been a hard working, painstaking, efficient officer in his efforts in your behalf. During the past year and a half he has been constantly before the Railway Commission and the Government seeking reductions in the excessive rates charged on lumber movements and has had some measure of success.

## Making Political Issue of Freight Rates

I honestly believe that had the present Government not lifted these questions out of the hands of the Railway Commission and thrown them to some considerable extent into the political field, we lumbermen of Canada would long before this, have received our deserved reductions in freight rates. Mr. Sargent has been successful in assisting the Eastern lumbermen to adjust many of their difficulties with the Railway Companies. His efforts, in assisting all of us during the trying times of last few months in fighting embargoes and car shortages, are I am sure appreciated, and I know that the programme he is working on at the present time, when carried to its successful issue, will cause you to have still further praise for his work. To those of our members who cannot yet see the advantage of the Transportation Department, may I say there can be but one cause—you are not using it. Our Association now enjoys the confidence of the Railway officials and we can work together in ironing out many of our troubles. I believe we will soon be at the happy place where we will have no occasion to call in the Railway Commission in settling our differences except in some extreme matters.

## Suggests Graduated Membership Fees

During the trying times of the past two years, we have more than held our own in membership. The Association, however, is more or less restricted in its facilities for carrying on a complete work through its lack of finances. Our membership is not nearly what it should be. We have a great proportion of the large operators and wholesalers but there are vast numbers who do not belong. This Association is working for the general benefit of all lumbermen

and should have the support of all. I believe we should endeavor to secure every lumberman be his business large or small, as a member. The necessity may arise for the introduction of graduated membership fees which I know is a hard problem to work out. Nevertheless, the lumbermen of this country must stand united for their own self preservation. As it now stands we are attacked in our legitimate trade by the introduction of all kinds of foolish substitutes for our materials. Shingle camouflages, insurance attacks, Government attacks and still we stand apart. I make a plea for a larger Association with greater fields of usefulness and activities. Let us get the start to this end during this meeting.

During the war and ever since, nearly every business institution has been legislated to death. The committee in charge of legislation has been ably assisted by our hard working secretary, Mr. Frank Hawkins, and truly Associations are seldom blest with more efficient officers than we have on our staff. The report of this Committee will not be voluminous, although they have had a great deal of provincial and federal legislation to watch and endeavor to check. In my own district, the Province of Ontario, some of our men in Government seats have sought to achieve political fame by prosecutions and persecution of the lumbermen.

## Censures Course of Ontario Government

It is the duty of this Association to assist and protect every one of its members who conducts his business in an honest and upright manner. We, as lumbermen, have always prided ourselves on belonging to an industry which did in the early days much of the pioneer work of this fair Dominion and which is still one of the greatest labor distributing industries of the Dominion. We, therefore, feel that it ill becomes members of the Ontario Government to seek political gain through trying to defame men in this industry, injuring their credit with our financial institutions and slowing up one of Ontario's finest and largest industries. It were better far were they to work in conjunction with the men who are seeking to market our vast wealth, and continue to keep our Province in the foreground of the lumber industry. I am glad to say that in the other provinces the crown officers have worked with us to the mutual benefit of the government and the lumbermen of the different provinces.

Early in 1920 the lumber industry, along with nearly all other industries, suffered severe reverses. Not until late on in 1922 did we again begin to see fair weather ahead. During this two year period, we have suffered some business casualties but on the whole the lumber industry has stood up well under the terrible financial depression. The year 1923 looms up before us with the brightest prospects we have had to face for many a day. Of course, we have not a completely clear sky but I honestly believe the exercise of good business judgment should bring every lumberman through this next year with a nice margin on the right side of the ledger.

## No Boom Year But Good Business

I cannot see a boom year. Canada and the United States are both very much interested in agriculture and have just harvested a wonderful crop. The farmer is one of our biggest customers but, unfortunately, he is not receiving an adequate return for his products and, not having money, cannot proceed as rapidly as we could hope. We are also naturally large exporters of lumber. The European situations are not yet such that we can view these peoples as immediate large buyers of our goods. We have every reason to hope that the export trade to the United States will be large and any little fancied tariff differences can be easily straightened out by our statesmen.

Many people question us on matters which take us back to pre-war conditions. Those, who are interested in lumbering realize the futility of trying to put the business back on a pre-war basis. I do not know of any industry which has made greater effort through trimming sail, cleaning house, reducing inventories and overhead, to get his business down on a sane businesslike level. However, we have also uncontrollable charges. We cannot overcome the terrible burdens of sales taxes, exorbitant stamp taxes, receipt taxes and federal and local income taxes. Our profits are acquired from large volume turnovers and these taxes strike very heavily as a result. It has always been the desire of operating lumbermen to have their men well cared for.

## Workmen's Compensation Cost Too Great

The methods of administering our Workmen's Compensation Acts in most of the Provinces have gotten to the point where they are a serious burden to the lumbermen and should, where they are



handling such vast sums of money, have more attention from our different Provincial Governments, as lumbermen feel the cost is far greater under Government operation than were these matters left in our own hands. Rumor now speaks of a new tax in the form of Unemployment Insurance, which has already proven to be a most iniquitous tax in Great Britain. Our Association, gentlemen, having done its own housecleaning, should now, through its members, advise the Governments that the war is over and that we should like a little sane legislation, a little less reckless expenditure of money and that our business is groaning under its burden of taxation.

During the past fall season the cost of manufacturing has again mounted high owing to our labor shortages. Canada is now seriously in need of a good sane immigration policy which will secure for us an influx of good citizens. If we do not get a materially in-

creased population we cannot hope to hold our place in the exporting field.

It will be the duty of our Legislation Committee, during the coming year, to follow an important bill through the house—the Revision of the Banking Act. Lumbermen are large users of bank credit and it is to our interest to see that a sane measure of protection is given these banking institutions. Fool resolutions and suggestions are not wanted but sane business judgment should be exercised.

I sincerely hope that I have not taken up too much of your time in this summary of past and future activities of the Association. Our session following this morning's session will be given up entirely to discussions by the members and we will welcome discussion, criticisms and suggestions from all.

## Executive Committee Outlines Its Activities



Frank Hawkins, Ottawa,  
Secretary C.L.A.

This report was presented and in part was as follows:

As everybody will no doubt be fully aware, the United States Government, through Mr. Secretary Hoover, has made considerable progress in connection with this matter so far as the United States is concerned. It would seem to be proper to suggest that this question should receive very careful consideration and discussion during your deliberations today and to-morrow. It should be pointed out, however, that this standardization is not merely being applied in the United States to lumber but a number of other industries, namely, paving brick, beds, mattresses and springs, and metal lath have all been the subject of standardization either by Secretary Hoover's division of simplified practice, or otherwise.

Attention is drawn to the fact that the North Eastern Retail Lumbermen's Association has quoted a resolution urging that Canadian manufacturers get together and join in the general plan of establishing "Uniform grading rules and a thorough system of lumber inspection similar to that offered by the American Associations of Lumber Manufacturers." In order that a discussion may be heard upon this matter, it is suggested that some member offer a resolution and submit same to the Resolution Committee immediately so that the matter may be dealt with.

**OLEOMARGARINE.**—The efforts of your Executive have been devoted to keeping this product available for use in lumber camps. We have had considerable correspondence and interviews with the experts in the packing industry with a view to having legislation introduced whereby the manufacture, sale and importation of oleomargarine may be legally continued.

**WOOD SHINGLES.**—Our secretary was instructed to attend a meeting which was called October 27th, 1922, by Prof. H. W. Mackay, chairman of the Special Committee, appointed by the Dominion Government to investigate and report upon roof coverings of all kinds. The purpose of the meeting was to get the views as to the advisability of using the Chicago Board of Tests or otherwise going to the expense of erecting a test plant in Canada for this purpose. Our Secretary in conjunction with Mr. A. Edward Roberts, British Columbia Lumber Commissioner, 51 Yonge St., Toronto, vigorously opposed the former proposition, and we understood that the tests will all be made by the Special Committee in Canada. It will be some considerable length of time before the Report of this Committee can be made, but in the meantime it is urged upon you that all building codes should be very carefully scrutinized. We are led to suggest this as the State of California passed an Act, which is known by the short name of "State Housing Act," under the provisions of which, buried in an innocent clause, wooden shingles were absolutely prohibited from being used in that State. The shingle interests got after the matter and spent thousands of dollars in a campaign, and a vote was taken in November, 1922, when the objectionable Legislative Act was snowed under to the extent of five to one. The officers cannot watch legislation all over the Dominion, and we therefore appeal to you to pay particular attention to this matter and report at

once to our Secretary anything which you feel to be designed to curtail or prohibit the use of wooden shingles. We are indebted to Mr. A. J. Russel of the Sante Fe Lumber Co., San Francisco, Calif., for sending us full details in connection with the California Act. Mr. F. H. Lamar, Secretary-Manager of The Shingle Manufacturers' Association of British Columbia stated that possibly Mr. Loren L. Brown and Mr. A. Edward Roberts will be in attendance at this Convention.

**LABOR AND UNEMPLOYMENT CONFERENCE.**—After some reference to Labor and the Unemployment Conference at Ottawa in September last, it was pointed out that during the whole proceedings there was not one word said about any employer or representative of an employer. The report of the Executive set forth the fact that it would seem from this that the Dominion and Provincial Governments have only the extreme and insistent views of organized labor to consider. While the conference was called for the purpose of discussing unemployment in the Dominion, the presentations on behalf of organized labor went far beyond the advertised scope of the conference. The report stated that Tom. Moore, president of the Trades and Labor Congress of Canada, presented a statement that:—"It is not claimed that it is the duty of Governments to paternalistically provide every man and woman with the necessities of life, but every healthy man and woman should be provided with a full opportunity of employment at wages which would enable them to maintain a proper standard of living, and if private enterprise fails in this respect, then it does become the duty of our Governments to see that none are compelled to either starve or become paupers."

Another statement was also reproduced from Mr. Moore as follows.—"Unemployment insurance should be immediately instituted to take care of those unable to find employment or those who through the reduction of hours have not sufficient income to maintain a fair standard of living. Unemployment should be a first charge on industry and a State Unemployment Insurance Fund obtained by assessments on industry in a similar manner to that adopted with Provincial Compensation Funds. Unemployment insurance to be administered by the Federal Government."

and further,—"The release of our natural resources held out of use for speculation by private interests and their fullest development. In this respect scientific and industrial research to discover commercial uses for many articles today considered commercially valueless should be encouraged."

The Committee quoted from the 1911 census of Canada showing the great importance of the lumber industry and the capital invested in timber, lumber and re-manufacturers thereof, and concluded as follows:—

Timber and lumber and re-manufacturers thereof stand second in value in the list, being exceeded only by the value of food products.

With proper organization, therefore, there is no reason why the timber and lumber trades of the country should not be a determining factor in the future of this Dominion. It is for the members here assembled to decide what the course shall be."

**SALES TAX.**—There have been no changes to report during the year 1922, but November 21st we issued a circular letter asking for an expression of opinion with regard to the question as to whether the wholesaler pays the whole tax.

**STAMPS ON CHECKS.**—On the 6th of June our President addressed a letter to the Prime Minister, which was in part.

"After discussing the question of the attaching of tax stamps to cheques, which, under the recent legislation was introduced into the house, before this principle becomes law, we wish to place on record our distinct opposition to the proposed enactment."



## Export Outlook Looks Brighter



W. Gerard Power, Quebec,  
Former President of C.L.A.

During the second day of the Canadian Lumbermen's Association convention in Montreal the time was largely given up to a discussion of trade conditions at home and abroad "The Export of Timber" was the subject dealt with by W. Gerard Power, of Quebec, a former President of the C.L.A. He traced the development of the business from the days of the square sticks of pine, when, in order to reduce waste, waney pine came to the front, down to the production and shipment of deals from Quebec and other ports. Mr. Power, who stated that he had returned recently from a trip overseas, remarked that it was difficult to say what the future of the trade would be in the United Kingdom and Europe. As far as the United Kingdom was concerned

things were somewhat better but the political situation on the Continent was far from being reassuring. "The export trade" continued the speaker, "is not as large as in the old days. The American market is taking more and more of our material and I do not think our export business will ever be as big as it was. Conditions are changing and I figure in time that practically all lumber produced here will go to the United States. I noticed when abroad that the Swedish and Finnish lumber, which comes into England, is very carefully manufactured and graded. This is most important and we have been too careless in our production. All stock shipped from Canada to the U. K. has to be resawn over there and, if our lumber is too thin or too narrow, there is bound to be a loss. As all our material from the Dominion has to be resawn it is highly important that the manufacture and grading should be more carefully attended to. Russian competition will sooner or later come in but, if the things I have pointed out are observed, we should be able to hold our own and if we do, we can keep both English and American markets going." Mr. Power went on to speak of some peculiar situations abroad and added that large shipments from Canada was hopeless unless work was created over there to turn the stock into money, and keep things on the move. It was not good for the lumber industry in this country if we were going to have a runaway market. Producers should get more for their lumber than they had during the last few years but, if prices ran riot, and out of reason, there would be a set-back and Canadians would be left with a heavy stock on their hands. In closing, Mr. Power again counselled against anything like runaway values if the best interests of the timber trade were to be preserved.

### Lessened Production of Eastern Spruce

W. E. Golding, of St. John, N. B., said that conditions in Nova Scotia and New Brunswick were good today. The British Government stock of seven hundred million feet in the Maritime Provinces had been cleaned up, which had a most important effect in the trade. Operations in Nova Scotia over a period of years had averaged an annual cut of four hundred million feet and this year the cut would be about one hundred million feet. The average cut over a period of years in New Brunswick was seven hundred million feet and this season would be around four hundred million feet. Recent heavy snow storms had made it difficult for eastern men to operate and the damage through the ravages of the bud worm, had been far reaching in its effect. This pest had killed a vast amount of timber, and lumbermen were not going to get the quantities from Nova Scotia and New Brunswick that they had in former years. Spruce was not reproducing as rapidly today as it was being cut. The present ocean freight rates were also a handicap and should be reduced. The prospects in Ireland were for a fair market as there was a demand for timber in the Emerald Isle. Concluding, Mr. Golding said, "We are enjoying a better trade in Great Britain than we have had. We are on a higher level of prices than pre-war quotations but, in my opinion, we cannot figure on much higher values for our product than we are getting to-day as Sweden, Finland, Poland and Russia will always be factors in our future overseas trade."

Angus McLean, of Bathurst, N. B., said that he believed it was a good thing to keep in touch with both the American and English markets. If Canadians were to continue to send material to the

United Kingdom, they would have to pay more attention to the proper manufacture and curing of their lumber and more supervision should also be given in seeing that it was shipped in good condition. There would always be a demand for a portion of our Canadian spruce in the Old Country but it should be turned out in such a shape that when re-manufactured, there would be no trouble, loss or waste. There would necessarily be competition from European countries and the Canadian product had to be brought up to perfection if Canadians wished to retain their present connection with the overseas trade.

### An English Visitor on the Outlook

Sir Keith Price, of Price & Pierce, Limited, timber merchants, London, Eng., who was a visitor at the convention, was invited by President Clark to say something on the European situation. He remarked that there was grave concern regarding political affairs on the Continent; in Great Britain they were looking for a good trade. The shipbuilding business was looking up, building was fair and things generally were better. Sir Keith said their own sales had considerably increased during the last few months and were considerably ahead of a year ago. It was impossible to tell how political affairs in Europe with such chaos in Turkey and Russia and the French advance in the Ruhr would result. Another war might be on the cards which would send lumber quotations sky-rocketing. Prices were strengthening and exchange was going up. The whole timber business bristled with difficulties. The speaker said that, personally, he looked for a better consumption in England but operators there were not prepared to undertake large obligations until the political situation settled down. The Irish outlook was doubtful. Stocks there were low and were in need of replenishing. In the past Sir Keith said that his firm had been large buyers of Canadian spruce and hoped to be so again in the future. He warmly thanked the Canadian lumbermen for the opportunity of speaking a few words and addressing such a representative body. This closed the discussion on the export situation and problems.

During the afternoon the question of freight rates came up for consideration and a resolution was adopted calling for a reduction as soon as possible. The text of the presentation, will be found in another column under the heading of "Resolutions."

Angus McLean, in moving the motion, said that manufacturers had to dress their stock down to the smallest possible proportion in order to lessen the high cost of carriage. The excessive charges for transportation worked a hardship on the small producer who was not able to keep up an expensive equipment to re-saw and dress his lumber. When asked for a reduction in rates, the stock argument of the carriers was that expenses are so high they could not afford to make any decrease. As a lumberman, Mr. McLean said that he felt, unless they were continually working with this end in view, they would never get the rates down. They should keep up the agitation for a lower cost of transportation of their product and not rest until they had attained the desired ends.

## Making and Marketing White Pine

A. C. Manbert, of the Canadian General Lumber Co., Toronto, said that he had been invited to speak as "a wholesaler" on the white pine situation. He humorously remarked that the wholesaler seemed to be "the underdog today," which brought forth cries of "No" "No." After relating a number of amusing anecdotes, which put every one in good fettle, Mr. Manbert proceeded to a more serious consideration of the subject in hand. He asked if white pine enjoyed any peculiar advantage today over other woods? The present situation in the lumber market was somewhat paradoxical, in that no one could tell how long times were going to be good, and it would not be well to speculate too much on the outcome. Were we coming near the end of a period of development and demand or approaching a new and expanding era in the lumber arena? There were many conflicting phases and conditions, both on this side of the water and overseas,



A. C. Manbert, Toronto, Ont.



which affected the whole world outlook. There were two important factors to be considered, which might be termed the psychic and the physical, both of which were closely related. We had not yet reached a stable condition of mind where we were able to arrive at fixed, definite convictions and appraisals which we could act upon and apply in our daily undertakings. Rather, were we feeling our way, not yet knowing what really constituted a stabilized state of affairs. During 1923 the lumbermen should adopt a policy in their business of bringing things back to a normal, sane, conservative basis rather than in putting forth an effort to push up prices. Their energies should also be directed in effecting much-needed economies in management and methods. The welfare of the individual compelled us all to fight for what we get but it was well that, in the complexity of things, we did not get a wrong outlook and false perspective and thus lose the poise and balance of the whole situation. Mr. Manbert stressed the point that lumbermen should eliminate wasteful methods and practice economy and efficiency in operation and distribution, for as lumbermen, they had not yet struck the hundred per cent mark. All should realize the necessity along this line whether manufacturer, wholesaler or retailer. New conditions were at hand and the possibility of large profits did not exist. He en-

joined upon his hearers the urgency of co-operation, caution and discretion; the employment and exercise of the best brains and judgment to bring about a high standard of efficiency and service and the application of the best ideas and ideals. The lumbermen should not depend on luck or opportunity and the present offered every avenue for care, prudence, integrity and fidelity which were absolutely essential in meeting the adjustments and the new situation confronting us to-day.

W. R. King, of Barrie, Ont., said that the lumbermen should keep a level head in business as no one desired to see a runaway market so far as prices were concerned. Such a condition only tended to lower efficiency in operation and brought with it many other dangers. He was pleased that the Association had endorsed the production of oleomargarine. It was an article which the lumbermen used to economic advantage in the camps and gave satisfaction all around.

M. F. Preisch, of North Tonawanda, N. Y., advised that the cost of production be kept down in the interests of economy and efficiency of the industry. He endorsed the sentiments which had been put forth by the previous speakers.

## No Runaway Market Desired on Canadian Spruce

"Spruce" was the subject introduced by Anguh McLean, of Bathurst, N. B., in a general discussion on this leading specie of Eastern timber. Mr. McLean said that spruce was the dominant feature to-day over a large area of the forested lands of Canada, and particularly did this apply to Quebec and New Brunswick where this wood is preponderant, not only in quantity but also in value. Continuing, Mr. McLean said:—"Besides it is the tree that seems destined to hold its ground and continue to be the prevailing specie for all time to come. Of this wood there is about thirty varieties but the white and black spruce are the varieties that seem best adapted for our northern country. In many sections the tree grows spontaneously and rapidly and needs no artificial assistance but simply protection from the ravages of fire, and nature will do whatever else is required to restock our forests and give us a perpetual supply of this wood. A few years ago the spruce tree was considered of little value, largely because people did not understand properly how to use it.

"Besides new uses for the wood have come into being that were not thought of a short time ago. The lumber from this tree is now used very extensively in the building trade for studding, joisting and boarding as well as being a favorite wood for making concrete forms. It is also largely used in manufacturing wooden boxes and is especially well adapted for this trade on account of its lightness, strength and good nailing qualities.

"But it is no doubt more valuable for pulp and paper production than for any other purpose and it excels all other woods in respect of this industry. The finest grades of writing paper and newsprints are being made from its fibre and no other wood known can produce such kraft pulp and paper as can and is being made from the spruce tree. In fact there does not appear to be any other softwood tree that can be used for such a variety of purposes and it is quite possible that we have not yet discovered all the useful purposes it can be turned to. The production of artificial silk is one article now being made from this wood and this industry is yet only in its infancy why even the budworm is now joining in the parade and taking its toll, as we have found to our cost. However, this phase of the question I am not going to deal with here.

"As to the quality of this wood growing in our forests, there seem to be a great difference of opinion. When we consider the large area under production and the ease with which it can be produced, as well as the rapid growth it makes, opinions are bound to be at variance, and every judge, of course, considers the problem from conditions that prevail in his own locality and conditions as to rapidity of growth and productivity vary greatly in the different sections of our country. So far as the Maritime Provinces are concerned, they should be able, rightly managed, to produce this tree in perpetuity.

"I would recommend for your discussion the following problems so that we may get as much light as possible while we have so many members and visitors present from all over our land, men who are vitally interested in the questions of our forests and our future supply of timber.

"At present rate of consumption how long is our spruce timber going to last?

"What can be done to conserve and increase reproduction?

"What other specie, if any, have we that can be utilized as a substitute?"

### Mr. Dickie Against Runaway Market

Rufus E. Dickie, of Stewiacke, N.S., said that the lumbermen of his province had been suffering from deflation in prices the same as operators in other provinces, and during the past year only a small cut had been taken out, in comparison with previous productions. This season they had hoped in his province to get a cut of two hundred million feet but owing to heavy snow storms and labor difficulties, the output would not be more than half this amount. Nova Scotia tried to get out as many English sizes as possible. Canadian products hardly met the particular British market and the main export would be to the United States. For overseas trade the sticks should be made square and the manufacturing done much better than it was. In Nova Scotia, they were cutting a lot of small stock, the narrower sizes of which went to the American side and the seven inch and wider to English importers. Mr. Dickie added that he did not want to see runaway quotations and the lumbermen in the east would be content with a fair return on their labor and investment. A steady basis of prices was what was desired. The pulp and paper companies were buying up spruce lands and two large Nova Scotia properties had been recently acquired by American interests and were being held for future operation. The timber cut in the province was getting smaller. The bud-worm had done wide-spread damage to standing trees in New Brunswick but not to such a great extent in Nova Scotia. If we get the lumber industry on a proper selling basis we are very hopeful of the future" concluded Mr. Dickie.

### Canadians Should get More for Spruce

Spencer Kellogg, of Utica, N.Y., said that his firm was an old established one having been in business since 1827. They were wholesalers, manufacturers and retailers. Every lumber man was entitled to a good, fair, honest profit and did not want an exorbitant price for his goods. Canadian spruce had been sold in the United States market during 1922 at a ruinous figure. It had been disposed of in central New York state for a dollar less than hemlock which had been brought in from Pennsylvania and spruce was worth considerably more than hemlock. This was not a sound state of affairs since spruce was more valuable. Canadian producers were entitled to a higher price for their product and he would like to see them get it as far as their spruce was concerned. He urged conservative practices on the part of the lumbermen and advised strongly against speculative values.

David Champoux of Restigouche, Que., spoke in the interest of forest conservation and protecting the sources of future supply which was constantly getting smaller. Conservation was a most important question. He thought the C.L.A. was not going far enough in assisting subsidiary organizations in safeguarding our natural heritage. The provincial governments should stop giving away valuable forest tracts to alleged settlers who exploited the wood at big profits and then abandoned the land which could be sold at a good figure and the revenue used to help new settlers in suitable agricultural districts.

### Mr. Snowball Says Keep the Fires Out

W. B. Snowball of Chatham, N. B., in referring to the query of



Mr. McLean relating to how long spruce was going to last at the present rate of consumption, said that so far as New Brunswick was concerned, he thought, with proper conservation and with the fires kept out, it would continue to reproduce itself. In Nova Scotia, where in 1882 he had taken a job as a boy, the amount cut was about seventy million feet annually. It was then predicted that the supply would be exhausted in a few years and the cut could not be kept up. Today the province was cutting one hundred million feet a year and by conservation and eliminating conflagrations, he believed there was ample supply for the future with the natural reproduction of the specie. He thought the settler should be located near churches and schools and not so far back from civilization. The settler should be kept out of the virgin forest.

Concluding Mr. Snowball said, "We have immense growths of hardwoods in New Brunswick which have not yet been exploited but, with the aid of the tractor, improved roads and modern hauling

and logging appliances, these woods can be brought out for manufacturing purposes. I entertain a hopeful outlook for the future but we want a sane, far seeing government, who will make it a business to maintain and preserve our forest growth rather than encourage the settler to come in who merely spits on his hands and shoves back the timber."

#### Too Many Christmas Trees Exported

J. Fraser Gregory, of St. John, N. B., said that export of Christmas trees from the eastern provinces by hundreds of thousands was becoming alarming. They would become more valuable if left to grow and a greater revenue would eventually be derived from them by the people instead of cutting and sending the young trees out of the country. All liked Christmas trees but substitutes could be found and it would be more profitable all around if the immature spruce timber was not cut and taken away for Yule-tide decorations. Personally, he felt very keenly on this point.

## How Hardwood Lumbermen Size up Production



Frank Kent, Toronto, Ont.

The discussion on the various kinds of lumber, their production, market demand and trend of prices was concluded at the Canadian Lumbermen's Association convention in Montreal by a consideration of the whole hardwood situation. The conference on the question was opened by Frank Kent, of the Seaman, Kent Co., Limited, of Toronto, manufacturers of hardwood flooring, who spoke of the fluctuations in hardwood prices as compared with those which prevailed for softwoods. The former was a more seasonable product and subject to more varying conditions, and demand. In the manufacture of hardwoods there was too much carelessness witnessed today, especially on the part of the small operator. He believed that there

would be a larger output of hardwoods than anticipated and particularly from the farmers who were taking out considerable quantities this season. Much has been said respecting the English market but he thought that it was coming back. The question of inspection was a very important one to which too much attention could not be given. Mr. Kent favored a stabilized market and consistent prices and the question was, could we maintain it?

James Keenan, of Owen Sound, Ont., said the spread in prices between No. 1 common and the low ends was altogether too great and yet the latter had to bear its proportion of the cost of production. In softwoods, the manufacturer could sell 99% of his product and knew where he was at, in setting the market price. Conditions were much more stable in softwoods and the demand steadier. Softwoods also yielded a better average figure. In hardwoods, it was impossible to get anything like a fair quotation for the low grades and a market had to be developed for the product. Mr. Keenan thought that we were not going to have in the future any cheap lumber in the better grades. The expenses of the manufacturer were constantly advancing. Overhead costs, selling, wages, operation, Workmen's Compensation Act, etc., were all ascending and the producer was not getting the profit today that he should in view of rising costs and the amount of money invested in the industry.

#### Mr. Clark Reviews Some Conditinos

President A. E. Clark, of Toronto, referred to several phases of the hardwood situation which were frequently overlooked. All the cut that could be turned out in Canada was comparatively small and had very little effect on prices. As for any Northern hardwoods, these could be substituted by Southern hardwoods of which great quantities were produced. The average yield per acre in Canada was about 1,500 feet of hardwoods while, in the South, from 3,000 to 4,000 feet were secured from each acre. Operations could be conducted for only a few months every year in the Dominion while in the South logging was practically an all the year round industry. In the Western and other states, transportation facilities are also better by reason of the large number of branch railway lines. If the

supply was short in Canada, in six weeks the South could produce enough to meet the deficiency. They were much greater producers than we were and largely regulated the price situation. In view of these circumstances it was a mistake to advance unduly the price of hardwoods or take advantage of any existing shortage which could soon be overcome owing to the reasons already outlined.

There were certain manufacturing features in connection with hardwoods which should be carefully considered, especially by the small producers who supplied in the Dominion about 90% of the entire cut. Greater attention to manufacture should be given by the small mill-men but, judging by the nature of the product he did not know whether to call them lumbermen or not. They should remember that they could not turn out hardwood with the same equipment as the softwood man as the process of cutting was slower and more solid installations were required in the mills. Practically all Northern hardwoods were turned out in 10, 12, 14 and 16 foot lengths, the latter two of which were the most saleable. The market called for more 14 and 16 foot lengths than it did for 10 and 12 foot lengths and yet some manufacturers did not recognize this state of affairs and complained that they could not get a proper price for their product. The bulk of hardwood lumber from these small mills was sold as No. 2 common, with the mills culls out or No. 3 with the dead culls out. More discrimination should be exercised in segregating the lumber if the producers wished to obtain the highest price and to get the best out of their logs. Conditions in the trade were such today that most any figure could be secured on some lines as certain grades and thicknesses were scarce. Mr. Clark said the market was steadily improving but if prices were boosted unreasonably, it would prove a serious mistake and tend only to encourage the substitution of Southern hardwoods and so kill the market. In conclusion, Mr. Clark strongly advised that greater attention be given by the small mill-men to more scientific cutting and grading of their products. He thought that the discussion on the various problems which had been considered, would result in much benefit to the lumber industry in Canada as a whole.

## Banquet Was Brilliant Function

The fifteenth annual congress of the Canadian Lumbermen's Association was brought to a close on the evening of the second day by a brilliant banquet which was largely attended, many ladies gracing the social gathering. The tables were beautifully decorated and during the evening songs were sung in which all heartily joined. Mrs. J. Angus McKenzie, of Ottawa, rendered several solos which were much appreciated. The "Master of Ceremonies" was D. C. Johnston, of the Union Lumber Co., Toronto, who kept everyone in a merry mood by his numerous and surprising stunts. Very few of the notables present escaped attention. The dignified guests at the head table were requested to rise and, after doing so, were gravely called upon to sing that popular ballad "We won't go home till morning." The Toronto visitors were next singled out for a conspicuous part in the proceedings and commanded to sing a rollicking selection from the song sheet. The ladies also enjoyed their innings and W. Gerard Power, of Quebec, had to demonstrate that he possessed vocal talent by leading off in "Alouette." W. A. Filion, of Montreal, was invited to do his part in vocalization but made such



a pathetic plea of inability to offer anything suitable in that direction that he was finally excused.

A. E. Clark, President of the Association, ably presided and at the head table were the former Presidents of the Association, the Directors, the newly elected President, Angus McLean, and the Vice-Presidents as well as Hon. Beniah Bowman, Minister of Lands and Forest for Ontario and the speakers of the evening, Professor Gordon Laing, M.A., Ph.D., Dean of the Faculty of Arts, McGill University, Montreal who gave a stirring and humorous oration on "Canada" and Hon. Walter G. Mitchell, K.C., M.P., of Montreal, who eloquently replied to the toast of "Our Friends."

Alderman Seybold, of Montreal, who represented the Mayor, bade the convention welcome, with the hope that the lumbermen would return in the not far distant future to enjoy once more the hospitalities of the city. A warm salutation was extended to the new President, Mr. McLean, who thanked the lumbermen for the honor conferred upon him.

Mr. Clark also made a short valedictory address expressing appreciation of the support accorded him during the year. He was particularly pleased with the large attendance of what had been one of the most successful and satisfactory conventions ever held in the history of the C.L.A.

Dr. Gordon Laing, in responding to the toast of "Canada" was given a hearty reception and his remarks were replete with wit, wisdom and instruction. Every sentence was a gem and his pertinent observations on various features of national life, pursuit and development were rousing and cheered. He pointed out the impossibility of attempting to deal with such an important subject as "Canada" in

one after-dinner speech, which, he delivered with a series of whimsical notations and anecdotes and kept the gathering bubbling with laughter. A happy touch was given when he remarked that he should start modern history with a sketch of the early explorers reaching the Rapids here, under the impression they were going to China, and continue it "to the day that landed the Mackenzie King Liberals in power at Ottawa, with probably even less idea of where they were going." (Laughter).

But to deal with all this, he remarked, would take so long a time that before he had finished the Liberal party in Quebec might be out of power, Sir Henry Thornton have stopped making speeches, or even Toronto present arguments as to the magnificent advantages of Montreal as headquarters for the Canadian National Railways.

Interspersing his humor with more serious matter, Dr. Laing paid warm tribute to the Canadian lumbering industry as the force which had cleared the land to make farms, advanced industry throughout the country, developed water powers, created settlements and thriving towns, and contributed in very large measure to the progress of Canada.

"Our Friends" was replied to by Hon. Walter Mitchell, who adopted a similar humorous strain to that of Dr. Laing. He also spoke in praise of the lumber industry, with various references to the advantageous and sensible manner in which it had always been treated by the Liberal Government at Quebec. He explained that he was not doing this to help the Government in the present campaign, but simply to show the representatives of the lumber industry that the Quebec Government had always been alive to the necessity of giving them fair treatment, as some of their members had already pointed out.

## Some Notes and Jottings on the Montreal Meet

An interesting and instructive address was given by J. A. Wilson, of Ottawa, secretary of the Air Board of Canada. He spoke on the growing use and importance of aircraft in relation to forestry work and surveys. Moving pictures were shown of the hydroplanes in operation, the cruises they had made and certain tracts of timber surveyed. A full report of Mr. Wilson's remarks will appear in an early edition of the "Canada Lumberman."

At the opening of the convention the delegates were welcomed to Montreal by Mayor Martin who for ten years has been chief magistrate of the metropolis. His Worship extended greetings both in French and English and was introduced to the large gathering by his life-long friend E. H. Lemay, the veteran wholesaler and president of the Montreal Wholesale Lumber Dealers' Association. Mr. Lemay was present at several of the sessions and took much interest in the proceedings.

R. G. Cameron of Ottawa, Honorary Treasurer of the Association, presented his annual financial report and congratulated the C.L.A. on its fifteenth Anniversary. President Clark said it was important, in view of the statement presented, that the C.L.A. should have a larger revenue and more members. He added that the 190 members were carrying on a great work. The lumbermen, all of whom were sharing directly or indirectly in the benefits derived from the organization, were not sufficiently represented. If additional members were secured much more could be done for the advancement and welfare of the industry. He thought perhaps the subject of a graded fee might be considered so that the small man could come in and not have to pay as much as the large operator. It was important that the membership should comprise all lumbermen who conducted business either on a big or little scale. He also announced that ballots would be distributed for the election of seven new directors who would serve for the next three years. Three would be elected from Ontario, two from Quebec, one from Nova Scotia and one from New Brunswick. Only one representative from each firm would be permitted to vote, according to the constitution. G. M. Strong, of Montreal, S. B. Bond, of Bathurst, N.B., and W. Norman Fox, of Toronto, were appointed scrutineers and distributed the ballots.

The subject of "Insurance" was dealt with during the convention and a lucid and edifying exposition of the operation of the different companies, how managed, the premiums, cost of securing business and losses as applied to sawmills and lumber yards was given by G. D. Finlayson, of Ottawa, Superintendent of Insurance.

The topic was further discussed by W. E. Bigwood, of Toronto; W. B. Snowball, of Chatham, N.B.; J. Fraser Gregory, of St. John; Frank Kent, of Toronto, and others. A full outline of the many points brought out is held over until a later issue.

Frank Hawkins, Secretary of the Association, presented a short, verbal report. He said most of the work done during the year had been embodied in the reports which had been printed and sent out. He was glad to see so many friends present at the gathering, not only from Canada but from the other side of the line and referred to the presence of several officers from American lumber associations. Mr. Hawkins feelingly referred to the number of deaths that had taken place since the last annual meeting in Toronto and, in this connection, mentioned the passing of Alexander MacLaurin, of the Campbell-MacLaurin Lumber Co., Montreal; George B. Campbell of the Fraser-Bryson Lumber Co., Ottawa; Ward C. Hughson of Gilmour and Hughson, Hull, Que., and P. D. Gordon of Mason, Gordon and Co., Montreal; all of whom were honorable and upright members of the great lumber industry. Miss Hopewell, who had been a faithful member of the C.L.A. staff at Ottawa, had also passed away during the year.

Another matter, which Secretary Hawkins touched upon, was an address delivered recently by the Postmaster of Ottawa, before the Rotary Club in that city, in connection with the early mailing of letters. He suggested that every person should have in his office a list of the various hours when the different mails closed and get as many letters into the post as possible in order to avoid congestion. If business firms would observe this procedure and mail their letters earlier, delivery would be more prompt. "This is a most important matter," said Mr. Hawkins, "and we have tried it out in our own office and find that it saves a lot of time and delay."

During the proceedings it was decided by the Canadian Lumbermen's Association to send a message of greeting to the Ontario Retail Lumber Dealers' Association who were assembled at the same time in Windsor, Ont. President A. E. Clark, on behalf of the C.L.A., wired the following:—"The C.L.A. in annual meeting assembled, send heartiest greetings to their sister, the Ontario Retail Lumber Dealers' Association, now sitting in annual convention at Windsor, Ont., and expresses the hope that their deliberations may result in practical benefit to the lumber trade of Canada in all its branches."

Later came a reply from J. C. Scofield, president of the Ontario Retail Lumber Dealers' Association, which said:—"The O.R.L. D.A., assembled in annual convention at Windsor, have received a





W. E. Golding, St. John, N.B.  
Who took part in discussion on  
"Export"



W. J. Bell, Sudbury, Ont.  
Who was re-elected director  
of C.L.A.



J. Fraser Gregory, St. John, N.B.  
Who protested against cutting of  
Christmas trees



Spencer Kellogg, Utica, N.Y.  
Member of Board of Directors  
of C.L.A.

message of greeting from the C.L.A., and desires to reciprocate the friendly spirit of co-operation which it evidences and also express our wishes for continued success in your important work."

There were about 700 guests in the evening at the ball given by the lumbermen of Montreal and district to the delegates of the 15th Convention of the Canadian Lumbermen's Association, their wives and friends, at the Mount Royal Hotel. The dance was held in the banquet hall on the ninth floor, while the supper was held in the Oak Dining Room on the ground floor. There were guests present from Montreal, Quebec, Sherbrooke, Toronto, New York, Boston, and many other centres, and a thoroughly enjoyable evening was spent by both hosts and guests. The guests were received by Mrs. J. B. White, Mrs. A. E. Clark, Mrs. Arthur H. Campbell, Mrs. D. H. McLennan and Mrs. Albert J. Smith.

A hearty vote of thanks was moved during the convention to Wm. Kynoch, superintendent of the Forest Products Laboratories, Montreal, extending the gratitude of the C.L.A. for the many courtesies and co-operation of that institution in the past, and expressing appreciation of the splendid work which it was doing.

The noon-day luncheon tendered the men by the lumbermen of Montreal in the LaSalle Doree, on the main floor of the Mount Royal hotel on Wednesday, January 24th was a well-managed function. There was hearty singing and a lively programme of entertainment, speeches being practically eliminated, except a few timely words of welcome from the Chairman, George W. Grier, on behalf of the lumbermen of the Montreal district, and a short address from Hon. Senator Beaubien. "Jimmie" Rice had charge of the after proceedings and kept everything moving. During the relaxation which followed the appetizing meal, "Miss America," winner of the beauty competition at Atlantic City last year, was introduced, along with "Miss Mount Royal," of Montreal. The latter is taking part in a contest for the most attractive young lady in Canada's commercial metropolis. A unique feature was the introduction of a quartette of four, typical French-Canadian lumberjacks who were attired in the quaint and picturesque costume of the habitant and sang several old time, shanty songs in French which aroused enthusiasm. "The boys" showed that they possessed good clear voices and put spirit and action into their melodies. One lumberjack, 85 years old, executed some step dancing on a table and proved that, in agility and skill, he would not need to take a back seat with anyone of half his age. The rendering of the French-Canadian chansons was a decidedly effective feature of the mid-day function.

### Montreal Wholesalers Discuss the Sales Tax

The subjects of the sales tax, uniform terms of sale, credit and unjust claims were discussed at a meeting of the Montreal Wholesale Lumber Dealers' Association, held on January 18th, at Freeman's Hotel. Mr. J. S. Bock, the chairman, being out of town, Mr. Claud Villiers, vice-chairman presided, and Mr. Alex. Fenton acted

as secretary in the absence of the secretary, Mr. F. H. Devenish, who was kept away by sickness.

The question of the sales tax of 3% was brought up by O. Page, who expressed the belief that the wholesalers were entitled to relief. General discussion followed, Mr. Villiers explaining the steps which had resulted in the present position. Eventually it was unanimously resolved "that every effort be made by this Association to induce the Government to change the existing law to read so that the tax be borne entirely by the manufacturers."

After discussing the formation of a credit bureau from many angles, the meeting decided that a credit bureau is essential if the Association is to give the members the assistance which such a body should render. Steps to form a bureau are to be taken at once and a committee consisting of Messrs. W. B. Blair, O. Page and Alex. Fenton, were appointed to obtain data from existing bureaus in Toronto and New York and to report as soon as possible.

Uniform terms of sale was another subject which was debated. It was agreed that "Terms to the trade should be on the following basis: not longer than 2%-30 days from date of shipment or not longer than net 60 days from date of shipment." These terms will become effective at a date to be named later. The Montreal Retail Lumber Association has been notified of the passing of this resolution.

In connection with the establishment of a credit bureau, it is intended later to go fully into the subject of unjust claims. It was decided that in future the luncheons will be held at the Mount Royal Hotel every Wednesday at 12.30.

### Mr. MacFadden Changes Name of Firm

By a charter which was recently obtained, the firm name of McFadden & Malloy, of Spragge, Ont., has been changed to J. J. McFadden, Limited. The capital stock of the organization is \$5,000,000, and the officers are,—President, J. J. McFadden; Vice-President, J. P. Gillies; Managing-Director, R. F. Grimes; Secretary, P. T. Seymour. All those associated with Mr. McFadden have been in his service for years, and by co-operation and aggressiveness a splendid organization, has been built up. The company are among the largest operators in Northern Ontario, having mills at Spragge and Blind River, and during the coming season J. J. McFadden, Limited, will cut about 40,000,000 feet, principally pine. Some nine camps are being conducted and the log output will be larger than usual. Mr. McFadden reports that conditions in the bush have been favorable to logging and the prospects for the coming year are bright. It is understood that J. J. McFadden, Limited, have sold their entire cut for 1923 at a satisfactory figure.

It is also reported that a number of the other big operators in Northern Ontario have disposed of their production for the coming year to American interests at a considerable advance in prices for No. 2 shop and better; box and better; No. 1 and No. 2 culls.

Labor conditions are favorable in Ontario but it is learned that the disbursements for logging will be higher than last season owing to the advance in wages and other contributing causes. However, all the lumbermen on the north shore are quite optimistic regarding the results of the coming year.



# Ontario Retailers Discuss Many Questions

*Annual Gathering Held at Windsor Marked by Large Attendance, Much Enthusiasm, Aggressive Work and Splendid Results—Survey of Conditions for Coming Year is Encouraging*



J. C. Scofield, Windsor, Ont.  
Retiring President of O.R.L.D.A.

"The best ever!" was the universal verdict of those who attended the sixth annual convention of the Ontario Retail Lumber Dealers' Association, held at the Prince Edward Hotel, Windsor, on January 24th, 25th, and 26th. The attendance was large, the discussions were lively, the members optimistic and a feeling of confidence animated the proceedings.

Every district in the province was represented, and from the moment the convention started, the talks on the different subjects were entered upon by the retailers in a way that made everybody present feel they would return home having heard something worth while.

As announced by the secretary that the 1923 convention would incorporate some innovations,

these were distinctly a success, and long speeches were checked by the use of electric light bulbs on the chairman's desk. After a delegate had talked nine minutes, a red light was flashed which warned him to wind up his address as gracefully as possible. This was a great economizer of time, and the whole programme was conducted according to schedule, with very few exceptions.

President J. C. Scofield in his address of welcome to the retailers upon their visit to Windsor, told them in his sincere way how glad the members of the South Western section were of the chance to try and entertain them. He said that the retailers in and around Windsor, had, since the inception of the Association, wanted to have the annual gathering come to that city but hotel accommodation had always been against them, and so they had to build one large and grand enough to entertain the retailers.

Before launching the discussion of trade topics, the chairman introduced C. L. Bowes, of Chicago, Plan Service Manager, who explained the service to the retailers and emphasized the promptitude with which the company despatched to the patrons any information regarding the plans and worked them up to suit local conditions.

The first topic of discussion was that of trade ethics. The chairman for this period was F. B. VanDusen, of Brockville. Mr. VanDusen's opinion was that retailers alone could not elevate the business they were engaged in unless manufacturers and wholesalers were asked to join them in inaugurating fair, common business practices. In the matter of standard grades and sizes, he said the whole industry would have to come to an understanding soon or the Government would do it for them.

## Safety, Insurance and Loans

An interesting paper on insurance and compensation by W. C. Laidlaw, of Toronto, was read by secretary Boulthbee, which touched on many important points. Recently a 5% tax on foreign fire insurance policies was imposed but these companies had paid the tax and as a result had not encumbered Canadian foreign policy holders. Compensation was another subject dealt with fully. According to figures, the handling of material was the biggest hazard, while blood poisoning from splinters caused 19% of the accidents.

S. Herath, of Ojibway, was the chairman of a lively discussion on financing home building. Figures were disclosed, showing how difficult it was for prospective home owners in Canada to secure the necessary credit with only a small cash investment. In the U.S.A., the chairman pointed out, there were 8,600 Building and Loan Associations doing a business of \$1,400,000,000 each year. A great deal of enthusiasm was evidenced in this subject, and it was explained by the chairman why Building and Loan Associations were not existent in Canada. The Loan and Trusts Corporation Act stipulates that a corporation of this kind in Ontario would have to show a capital of \$300,000, with \$100,000 paid up. In the United States a Building and Loan Association is protected by the Government with only a \$5,000 capital.

A. J. Hager, of Lansing, president of the Michigan Retail Lumber Dealers' Association, was asked to say a few words on this sub-

ject, and told the retailers that if it were not for Building and Loan Associations in Michigan, 75% of their business would be cut off. E. M. Barrett, of Ottawa, made a motion that a resolution be sent to the Provincial Government, asking for permission to operate Building and Loan Associations and to co-operate with any other organization which looked at the matter from the same point of view as the O.R.L.D.A.

## Stopping Leaks in Lumber Business

Perhaps the most lively discussion of the whole convention was the topic introduced by M. R. Bogart, of Chatham, the subject being "The Big Leak in the Retail Lumber Business." Mr. Bogart pointed out the fallacy of confusing cost accounting with price adjusting. Costs represented all the items of expense that formed the cost of operating, and any margin of profit could be added after that. He stated further that no two men could quote exact prices on bills of lumber as they did on materials in other businesses because of the lack of comparison in the different qualities of the lumber products. He added that the coming of standard sizes and grades would make it possible to include the methods of arriving at a uniform cost.

Several members present were skeptical about the practicability of getting retail lumber dealers to agree on a uniform cost system, but it was the general opinion that fundamental rules of cost estimating should be brought to the attention of those, who were conducting their business in a haphazard manner to the detriment of the whole industry.

Accordingly, a committee, composing E. M. Barrett, Ottawa, George S. Zimmerman, Tavistock, and M. R. Bogart, Chatham, was appointed to study the best system of costs for retail lumber dealers.

This committee was asked as one of their duties to consult F. B. VanDusen, of Brockville, and W. M. Tupling, of J. R. Eaton & Sons, Orillia, who are now operating systematic cost systems.

Another subject that has been attracting the attention of retail lumber dealers, especially those operating planing mills and sash and door factories, is the apprentice problem. Robert Bennie, of Leamington, was the chairman for this important topic and compared the conditions of days gone by and the present in obtaining intelligent boys to learn the woodworking trade. He said that, in his establishment, the men engaged there ranged in age from 50 to 83, and found it difficult to obtain youths to learn the business. A pertinent suggestion was made by J. B. Mackenzie, of Georgetown, on the question. He told the members that during the last fall fair in his district he offered a prize of \$10.00 for the best piece of cabinet work. The result of this inducement, said Mr. Mackenzie, was that the boy who received second prize from the fair was entering his establishment to learn the trade.

A Shippers' Rating Bureau was another discussion conducted by K. J. Shirton, of Dunnville, which was given much attention. Mr. Shirton said that if such a bureau was in force, much of the troubles with shippers would be eliminated.

Standardization of grades and sizes was introduced by W. M. Tupling, of Orillia. He gave personal experiences where architects



K. J. Shirton, Dunnville, Ont.  
New President of O.R.L.D.A.



W. M. Tupling, Orillia, Ont.  
New Vice-President of O.R.L.D.A.



specified certain sizes of material that were not economically correct. Discussion then developed, emphasizing the point that it was difficult to limit the architect in his work, as originality was the keynote of an architect's profession. However, it was pointed out by several members that where originality was not included, that a great saving could be obtained through uniformity in sizes. As to grading, it was decided to keep in touch with the Central Committee in the United States, now working on the subject, and study the work being done along that line.

The relation between wholesalers, retailers and contractors was introduced by A. R. Sanders, of St. Thomas. This discussion was a profitable one and touched on the point of how wholesalers should, in the interest of the whole industry, be careful that they are doing business with strictly legitimate retail lumber dealers.

Accident prevention was dealt with by George H. Arnott, superintendent of the Windsor Lumber Company's factory. He explained the profitable use of first aid cabinets and also drew the attention of the members to the bad effects produced by dull knives and saws which often caused the material to buck and injure the operator.

One address given that was of much interest to the retail lumbermen was on fire protection, by Clarence DeFields, chief of the Fire Department, Windsor. The chief gave several examples of where inefficient fire equipment in and around large lumber yards and factories was the causes of thousands of dollars' loss to men in this line of business. He told the retailers just what fire-fighting

equipment should be used for certain size businesses and how the proper care of it in the building had much to do in facilitating the firemen making a thorough job of extinguishing a blaze. He told one or two stories of how clogged-up aisles in the mills, after working hours, were the cause of loss in hindering the fire department from getting around into the corners.

There seemed to be a general opinion among the retailers that a re-distribution of territory in regard to branch meetings would be desirable, and it was left in the hands of the new Executive to make the necessary changes.

#### Officers Who Will Be at Helm

The election of officers for 1923 resulted as follows:—

President,—K. J. Shirton, Dunnville.

Vice-President,—W. M. Tupling, Orillia.

Directors for Eastern District,—Grant P. Davidson, Ottawa; F. B. VanDusen, Brockville.

Directors for Central District,—J. H. Rodgers, Barrie; W. E. S. Savage, Mimico.

Directors for Niagara District,—T. Patterson, Hamilton; J. T. Grantham, Brantford.

Directors for Southern District,—A. R. Sanders, St. Thomas; M. R. Bogart, Chatham.

Directors for Northern Section,—F. E. Hollingsworth, Sault Ste. Marie; M. J. McDonald, Port Arthur.

## Resolutions Adopted at the Windsor Convention

### Adopt System of Apprenticeships

Moved by H. F. VanDusen and R. S. Gilchrist, of Toronto, that in the opinion of this convention the members of the Ontario Retail Lumber Dealers' Association be urged to adopt a system of apprenticeship to relieve the dearth of competent workmen in the planing mill and factory branches of the business; that such system extend over a period of three years and that adequate remuneration be given such apprentices so as to ensure their completion of the course and thus relieve the present situation, and that a copy of this resolution be sent to the lumber trade journals.

### Building and Loan Associations

Moved by K. J. Shirton, of Dunnville, and J. J. Cluff, of Seaforth, that we recognize the importance and value of the work that the Building and Loan Associations are doing in other places, and believe that it would be a desirable thing for our Association. Be it resolved, therefore, that the secretary and directors be requested to take this matter up with the Ontario Government, looking to their permission to form such organizations and to co-operate with any other organizations which are looking at the matter from our point of view.

### Standard Sizes and Grades

Moved by W. M. Tupling, of Orillia, and W. J. Aitchison, of Hamilton, that a standing committee be appointed by the president to keep in touch with the work of the General Committee in the United States on standard sizes and grades and to study this question and take action, if necessary.

### Legitimate Retail Lumber Dealer

Moved by J. T. Wallace, of London, and E. M. Barrett, of Ottawa, that the following constitute a legitimate retail lumber dealer:—Any person, firm or corporation carrying an assorted stock of lumber, lath, shingles, and interior trim reasonably commensurate with the needs of the community in which they do business. This Association puts itself on record as considering the following legitimate customers for retail lumber dealers only,—contractors, consumers and manufacturers using one or two carloads per year. Be it further resolved that our secretary be instructed to send a copy of this resolution to all wholesalers and manufacturers.

### Co-operating on Transportation

Moved by J. T. Wallace, of London, and by B. F. Clarke, of Glencoe, that our Association be prepared to co-operate with the Canadian Manufacturers' Association in connection with matters of transportation and that J. R. Eaton & Sons

of Orillia and A. G. Rose, of Ottawa, be authorized to appear on behalf of the Association at the forthcoming conference on classification of joinery work.

### Prevention of Accidents

Moved by Thomas Patterson, of Hamilton, and John C. Gilchrist of Toronto, that we recommend to the members of the Association that they take every step possible for the prevention of accidents and that they co-operate as fully as possible with the representatives of the Accident Prevention Association.

### Shippers' Rating Bureau

Moved by W. J. Aitchison, of Hamilton, and W. E. Savage, of Mimico, that we recommend that the members notify the secretary whenever unsatisfactory conditions arise between them and shippers, rather than that the Association establish a Shippers' Rating Bureau, and that the secretary issue to the members at an early date a blank form upon which they are requested to submit complaints of this nature.

### Cost Accounting System

Moved by W. M. Tupling, of Orillia, and L. H. Richards, of Sarnia, that, recognizing the importance of accurate cost accounting to our members, be it resolved that a standing committee be appointed for the year 1923 to enquire into the feasibility of working out and submitting to our members the main factors in connection with cost accounting; the committee to consist of Messrs. Zimmerman, Barrett, Bogart, VanDusen and Tupling.

### Other Resolutions Passed

Another resolution passed during the convention was one thanking the South Western Ontario Retail Lumber Dealers Association for their hospitality and entertainment during the convention. Votes of thanks were also tendered to the speakers who led in the discussion on the various topics that came up for consideration; to L. H. Richards, of Sarnia, for his splendid work as chairman of the midsummer outing last year; to Fire Chief DeFields, of Windsor; G. H. Arnott, of the Windsor Lumber Co., Windsor; Douglas Malloch, of Chicago, and Jack Miner, of Kingsville; the trade and daily press for their full reports of the gathering.

It was decided that the selection of the place and date of the next annual meeting should be left in the hands of the president and secretary, who were also empowered to make full arrangements for the annual midsummer outing which will probably be a boat trip down the St. Lawrence and through the Thousand Islands.



# Secretary Summarizes Work of the Past Year



H. Boulton, Toronto, Ont.  
Secretary O.R.L.D.A.

The annual report of Secretary Boulton, which was distributed among the members, contained a comprehensive review of the activities of the Association during the year. In the introductory remarks, it was pointed out that the Ontario Lumber Dealers' Association had made good progress and that its activities had been different considerably from those of former years. From 1918 to 1921 the O.R.L.D.A. had a large number of cases of complaint by members against shippers and others who were not giving the retailer a fair or business-like treatment and also dealt with other matters varying from the holding of local meetings to the interpretation of the sales tax. All these matters have been dealt with each year in the secretary's annual report. Continuing,

the Secretary dealt specifically with many subjects of much interest to the members of the retail trade.

Complaints by members against shippers have been comparatively few. It would be interesting to enquire into the reasons for this if we had the necessary information upon which to reach a conclusion. It is worth while bearing in mind, however, the fact that the past year has been a good one, with firm prices, and that such complaints, according to past experience, are more likely to develop under these conditions than during a falling market. The most natural conclusion that your Secretary can arrive at is that the co-operation of the dealers during the past five years has had a good educational effect both upon themselves and upon those shippers who formerly gave the retailer a raw deal whenever he had an opportunity. Apparently we have ourselves very largely to thank for this important betterment in trade ethics.

The wide scope of our co-operation and the interesting results secured by it are clearly indicated by the following reports upon some of those matters that came under the attention of the Secretary during the year 1922.

## Building and Loan Association

One of the subjects that occupied the attention of the Association to a considerable extent during the year was that of Building and Loan Associations. Our President has always been keen on developing some way in which Retail Lumber Dealers can simplify the problem of loans for the erection of houses. Under present conditions a prospective builder of a home can obtain a first mortgage only up to about 50% of the value of the proposed building. If he finds that he needs more money to build the house, he must borrow on a second mortgage and pay an almost prohibitive discount for this loan. Undoubtedly this situation prevents many mechanics and workmen, who are in receipt of fair-sized wages, from ever being able to own a home of their own. In the United States there are a large number of Building and Loan Associations operating on a plan under which small payments may be made at regular and frequent intervals by those who desire to save their money for the purpose of building a home, and when these payments amount to a comparatively small proportion of the total cost of the building they are entitled to a loan which will enable them to proceed with their building operations. Subsequently they continue their payments until the whole amount of the loan is wiped out. Those Building and Loan Associations also sell shares outright to other parties who desire to invest their money in this manner. The record of these Associations is an enviable one, as they have promoted home-owning and very seldom have come to grief. The plan upon which they are working is quite sound.

Unfortunately, in Ontario, we are not able to operate in this manner. Some years ago in Ontario two of the large Loan and Savings Companies came to grief. These were companies issuing what were known as "Terminating" shares, on which small payments were made at regular intervals by the parties taking out the shares. As a result of these two companies failing, the Ontario Legislature

amended its Loan and Trust Corporations Act by requiring that all stocks and shares in such corporations hereafter incorporated shall be fixed, terminated, and non-withdrawable. This did away entirely with the "Terminating" share in Ontario.

It is further provided by the Loan and Trust Corporations Act of Ontario, as it now exists, that any person, corporation, partnership, association, etc., undertaking a contract of the "Terminating" share description shall be guilty of an offence and liable to an order for restitution of the money and a term of imprisonment not exceeding twelve months.

It appears, therefore, that the ordinary Loan and Building Society or Association can no longer be incorporated in Ontario. The only alternative under the Act is the incorporation of a regular Loan and Trust Company. For this purpose an application must be submitted stating that at least \$300,000 of stock has been subscribed by at least twenty-five responsible subscribers in the case of Trust Corporations, and at least \$100,000 in other cases, and that at least \$50,000 of the subscribed stock has been paid in cash by the subscribers into an Ontario branch of a chartered bank of Canada in trust for the proposed corporation. Similar requirements prevail in connection with incorporation under a Dominion Charter.

In view of this situation, our President submitted the whole matter to Mr. S. Herath, of Ojibway and asked him to make an investigation and report at our present Annual Convention. Mr. Herath has gone very fully into the matter, has taken legal advice, and is to give an address upon the subject during the Convention.

## Mechanics' Lien Act Discussed

The Secretary then detailed the steps to secure the proposed new Mechanics' Lien Law, which has been published in the "Canada Lumberman." After detailing all that had taken place before the special committee and the Ontario Legislature, the report says:

When the situation had reached this stage, your Secretary, on the instruction of the President, managed to bring about a conference between officially appointed representatives of the Association of Canadian Building and Construction Industries, the Toronto Builders' Exchange and the Canadian Manufacturers' Association. At this conference it was informally agreed that in so far as possible the interests represented should co-operate in connection with their efforts to improve the Ontario Mechanics' Lien Act, and three points were agreed upon and submitted to the Commissioners on "Uniformity of Legislation." These points were as follows.—

1. In the event of default by the contractor or cancellation of contract, the owner shall not have the right to set off his subsequent claims on percentage retained, as against material men.

2. In the event of default by the contractor or failure of the owner, seven days more than the thirty days now allowed should be afforded for registering liens.

It was also agreed to recommend strongly the unification, so far as possible, of the various lien laws of the Provinces of Canada.

Your Secretary discontinued the services of the Association legal counsel in connection with the Lien Act early in the year, when it appeared that we had reached the end of our tether for the time being. He would now suggest that the incoming Directors should watch the situation closely and be prepared to co-operate with others, or act individually if necessary, in case the Ontario Legislature decides to change the existing law, but that at present it would not be advisable to continue our former efforts in the direction of securing a new Mechanics' Lien Act.

## Some Matters for Arbitration

In the matter of arbitration, the report said—One matter of arbitration came before us during the year and was submitted to our Arbitration Committee. This was a dispute between a Toronto retailer and a wholesale dealer in Victoria, B. C., relating to an allowance on account of certain material not being as wide as the retailer believed he had ordered. The correspondence in this case was submitted to our Arbitration Committee and they advised us that in their opinion the proper method of settlement would be that the retailer should pay the amount of the invoice less an allowance for one-half of the difference in width of the material, because, in their opinion, both parties to the contract were to blame. We subsequently had a letter from the wholesaler in Victoria, expressing readiness to abide by this decision and stating that he was taking the matter up



with the retailer. We believe that it was subsequently concluded satisfactorily.

In another case a manufacturer asked us in regard to a carload shipped to a Toronto dealer, part of which had been rejected because it was too thin. The mill in Vancouver took the position that because the car had been received and unloaded, it had been accepted, in accordance with the "Bill of Sales Act." They asked us our opinion on the matter. Before replying we consulted several wholesalers in Toronto, who had had extensive experience with shipments from British Columbia, and we then advised that the mill was mistaken. Unloading of the car could not be considered as acceptance, otherwise the retailer would be buying in the dark, as he could not know what the car contained until it was unloaded. We also advised that we believed the retailer in this particular case had a definite claim in connection with stock that was below thickness. This view was the result of interviews with several wholesalers and retailers in Toronto. As we heard no more from the mill, and nothing from the retailer in question, we presume that the matter was settled amicably along the lines we suggested.

#### The Standardization of Lumber Grades

The standardization of sizes and grades of lumber has always been an interesting matter to our members. Unfortunately, up to date, it has not been found possible to adopt any course that will lead to improvement of the existing situation. A development that has occurred in the United States during the past year may have important bearing on this matter, and your Secretary believes that it should be considered by the Association at the present Annual Convention. Mr. W. M. Tupling has undertaken to submit an outline of the situation and a discussion of it, after which open discussion from the members will be in order.

Briefly, the situation is that Mr. Herbert Hoover, Secretary of Commerce for the United States, suggested to the manufacturers, retailers and consumers of lumber in the United States, early in 1922, that they should get together and establish standard sizes and standard grades for softwoods and hardwoods, and that they should devise a means for securing inspection and giving a guarantee to the consumer as to the sizes and grades he was buying. The National Lumber Manufacturers Association of the United States, the National Wholesale Lumber Dealers Association of the United States, the National Retail Lumber Dealers Association of the United States, the Hardwood Manufacturers Association of the United States, and a large number of the regional associations, both manufacturing and retailing, have taken up this matter. At a joint Lumber Congress held in Chicago, a Central Committee of seven was appointed representing each of the branches of the industry as well as the consumers of lumber. This committee has opened an office at Washington, and is in touch with the various lumber Associations through the country. It is endeavoring to work out grading rules and an inspection service that will be acceptable to all. It is believed that if this movement in the United States is successful, it cannot help but influence the situation in Canada, and your Secretary has, therefore, thought it well to submit the matter for discussion.

#### Association Membership Still Growing

In view of the advisability of joint action among retailers in Canada upon this important subject, we wrote in August to the Western Retail Lumbermen's Association at Winnipeg, and we had from them an assurance that they will be glad to co-operate with us if the occasion arises.

The report referred to the new Toronto Branch of the O.R.L.D.A. and also the membership of the O.R.L.D.A., which now stands at 201, an increase of 15 over last year. In 1918 the membership was 131, so that each year has shown a considerable growth. The Secretary then dealt extensively with the midsummer outing up the lakes, lower freight rates and plan book service. Other matters touched upon were the time limit on stop-over, demurrage rates, the sales tax and cost accounting.

#### Stop-over and Demurrage Rates

The question of increasing the time limit at stop-over points on lumber and forest products for milling and sorting has been a subject that we have had under consideration with the railway companies for considerable time. The Canadian Lumbermen's Association and the Canadian Manufacturers' Association, who were also interested, were co-operating. The result of this operation eventually was an increase in the time from 30 days to six months, this change having gone into effect September 25, 1922.

Prior to our last Annual Convention the Board of Railway Commissioners had issued an order on the application of the Canadian Manufacturers' Association, the Canadian Lumbermen's Association, and ourselves, for reductions in rates of demurrage from \$2.00 per day in the second day to \$1.00, but increased it for the third and fourth days to \$5.00 from \$3.00 and \$4.00 respectively. We protested to the Board against this action, claiming that no evidence had been submitted which would warrant any increase and that our applica-

tion requested reduction, therefore the question should be reopened or adjusted. However, owing to considerable difficulty in securing necessary evidence in support of our complaint from individual firms, which is the only basis which would be satisfactory, we were compelled eventually to let the matter drop for the time being and the question is therefore in that position to-day.

#### Operation of the Sales Tax

Early in April newspaper reports appeared to the effect that the Canadian Manufacturers' Association and others were considering a suggestion that they should urge the Minister of Finance to alter the Sales Tax so that it would be paid by the retailer. This matter was submitted to our President and Directors and as a result our members were asked to write to the Minister of Finance opposing any such proposal and urging that the tax should remain upon the manufacturers, who should not be required or permitted to show it upon his invoice as an additional item. While the new Sales Tax did not relieve the manufacturer of lumber of the duty of showing the amount of the tax upon his invoice, the wholesaler and the retailer have not been required to pass on the tax. There is "no further tax upon re-sale" in connection with lumber. Our views as presented to the Minister in this connection probably assisted him considerably in reaching a conclusion.

In March, 1922, the Canadian Manufacturers' Association sent out a circular regarding the sales tax along the lines mentioned above. We drew their attention to the fact that their proposal would meet with very serious objection by retailers and we were subsequently advised by them that they had withdrawn the proposal entirely.

At the request of one of the members of the Association, and on the instruction of our President, the Secretary sent out on July 13th an enquiry to all the members in regard to carpenter contractors who make their own sash, frames, etc., in connection with their jobs, and do not pay any sales tax upon the product. We asked our members whether they found cases of this in their districts, and whether they thought that we should take the matter up with the Department of Customs. We received a large number of replies, and many of these expressed an opinion strongly adverse to the Association taking the matter up with the Department. Accordingly the matter was not proceeded with any further.

#### Advantages of Cost Accounting

At the Convention of the National Retail Lumber Dealers Association at Cleveland in October, much attention was given to the subject of "Cost Accounting." This has been discussed frequently by our Directors and at our Annual Meetings. The situation as it has developed in some of the Northern States is interesting. In Ohio and in New York and Massachusetts special committees have been at work on this subject for a couple of years past and two systems of cost accounting have been worked out—one for Ohio and one for the members of the Northwestern Association. These systems are already in use and are highly praised by the dealers in these States. As we understand them, they are not systems which cost a great deal of money to install or require serious changes in the methods that dealers already use. They are designed chiefly to make use of the existing systems and to arrange some of their details so that it becomes possible to make comparisons as to costs between operations in the different yards which follow the same plan. The actual cost of changing over to these systems is very small, not more than about twenty-five dollars, and consists chiefly in the cost of a few special lines of stationery.

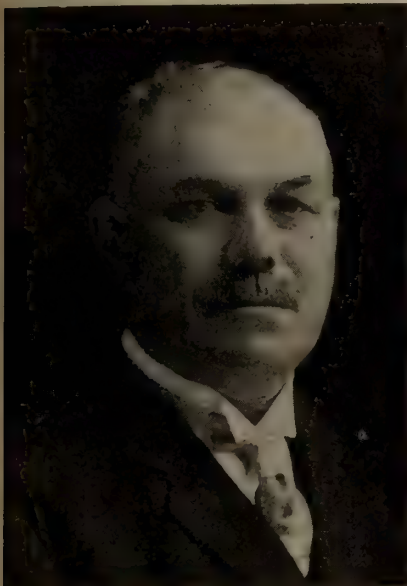
The Northeastern system and the Ohio system, according to reports presented at Cleveland, are very similar. The National Association discussed the advisability of working these two systems into a single system for use throughout the United States. Both the Northeastern Association and the Ohio Association expressed their readiness to scrap their own systems if necessary in order that a standard system might be adopted by the National Association.

Apparently, if such a standard is adopted, by a Special Committee which was appointed for this purpose, it will resemble in nearly all its details either one of the two systems now existing. Believing that the results already secured in these States must have considerable value to our members, we have secured from the Northeastern Association a copy of their system. On the instructions of our President, this system, together with some correspondence on the subject was submitted to a Special Committee in November. The committee consists of dealers in Toronto, who can meet conveniently in order to study the subject. They held one meeting for organization and appointed Mr. W. Warren, of the Myers Lumber Company, as Chairman. Then they arranged that each member of the committee should individually make a study of the system in use by the Northeastern Association, and they adjourned until each member could have the material for personal study. The proposal was then that they should hold a meeting and be prepared to report at our Annual Convention. Your Secretary expects that Mr. Warren will have a report to present when the subject of Cost Accounting is up for discussion.



# Wholesale Lumbermen Elect New Directors

*Encouraging Reports Presented on Work of Past Year—Plans Outlined for Increasing Interest and Activities of Organization—Live Board Chosen*



Alex. C. Gordon, Toronto  
Newly-Elected Chairman

Alex. C. Gordon, who was vice-chairman of the Wholesale Lumber Dealers' Association last year, was elected chairman for 1923 at the annual meeting held at the Albany Club, Toronto, on January 12th. There was a large attendance and much interest developed in the elections. K. M. Brown and C. W. Wilkinson were also nominated for the position of presiding officer, but withdrew. In taking the chair, Mr. Gordon who for many years has been associated with the firm of Mickle, Dymont & Son, thanked the members for the honor conferred upon him, and hoped that the meetings during 1923 would be full of interest and profit to all. He said that the success of the organization depended, not on the president alone, but upon the co-

operation of the Board of Directors and the enthusiasm and interest of the members.

For the directors five entirely new men were chosen, ten being nominated. The new Board will consist of H. G. McDermid (Union Lumber Co.); Alfred E. Read (Read Bros.); F. H. Bigwood, (Canadian General Lumber Co.); L. D. Barclay, (Canadian Western Lumber Co.) and R. G. Chesbro. After the election, the newly-elected officers were called upon for short speeches and all declared that prospects looked bright during the coming twelve months, not only for the Association but for the lumber trade in general. H. Boulthée was re-elected secretary-treasurer of the Association.

During the early part of the evening H. J. Terry, president, presided, and briefly reviewed the events of the past year. He expressed his pleasure that R. G. Chesbro had recovered from his rather protracted illness and was now able to be present and he also welcomed back to the fold C. W. Wilkinson who had been absent for a long period. The chairman reviewed the nature of the meetings during the past year and the special features which characterized them. He thought the interest, particularly during the

latter months, had been well sustained. Mr. Terry suggested perhaps it might be advisable to increase the fees for membership. This was a subject which he liked to see discussed. The Association meant a great deal to the lumbermen from many standpoints and its Credit Bureau was an institution of great service and benefit. In conclusion Mr. Terry said,—"We have done our best, and if the year has been satisfactory to you, it has been satisfactory to the Board."

Secretary H. Boulthée presented his statement, showing a substantial balance on the right side of the ledger. Reports were then received from the various committees, A. C. Gordon reporting on behalf of the Membership Committee; K. M. Brown the Attendance Committee; A. E. Gordon the Audit and Finance Committee; H. G. Chesbro the Arbitration Committee; H. G. McDermid, the Bureau of Information; W. C. Laidlaw, the Fire and Marine Committee; W. E. Bigwood, the Inspection Committee; A. C. Manbert the Legislation Committee; A. E. Clark, the Transportation Committee; Alfred E. Read, the Trade and Relations Committee; H. A. Rose, Terms of Sales and L. D. Barclay, Entertainment Committee.

Most of the chairman reported everything had gone smoothly and harmoniously during the past year and that there had been very little for some of the committees to undertake. K. M. Brown, for the Attendance Committee, said that about 60% of the local membership had been represented at each monthly gathering and so far as the general membership was concerned, the attendance during the spring had been about 53% but during the fall months it had increased to about 75%. He spoke of the benefit of Association work and the members getting together for an expression of ideas, the interchange of confidences, the righting of wrongs and the removing of prejudice, etc. Mr. Brown declared that everyone should put his shoulder to the wheel, and asserted that each member got out of the Association and its work just exactly what he put in.

Mr. McDermid, reporting for the Bureau of Information, said the average monthly returns from the firms had been about 70% and the highest 98% of membership. He said this is one of the most important features of the Association and he thought that all should co-operate heartily in sending in their statements by the 15th of each month.

A. C. Manbert, for the Legislation Committee, made some facetious reference to the sales tax and declared lumbermen now regarded the payment of this, not as a tax at all but as a very distinct pleasure.

Mr. Clark, for the Transportation Committee, said he was also chairman of the Transportation Committee of the Canadian Lumber-



Alfred E. Read, Toronto,  
Newly-Elected Director



R. G. Chesbro, Toronto  
Newly-Elected Director



L. D. Barclay, Toronto  
Newly-Elected Director



men's Association and had managed to largely merge the work and load it on to Mr. Sargent, Transportation Manager, at Ottawa. The Department of the C.L.A. had done effective work during the past year. He thought all complaints as to overcharges, claims, etc., should be made known to the Department. In checking of freight bills too much care should not be exercised. He believed that the Transportation Department was now working in closer harmony and co-operation with the railway interests than ever before and when changes in regulations, etc., were being made, advance copies of the amendments were now sent to the Traffic Department of the C.L.A. to have them looked over. Mr. Clark said that with the lumbermen and railways working together in a friendly spirit greater progress could be made. Railway finances had of late been improving and he hoped they would remain in this condition so that some time in the not far distant future—another application might be made by the forest products men to be relieved further from the burden of freight rates. In closing, Mr. Clark referred again to the importance of the Transportation Bureau.

In reference to the terms of sales, Mr. Rose reported that these were apparently satisfactory and there was not much use in trying to change them.

L. D. Barclay, chairman of the Entertainment Committee, spoke of the success of the picnic last summer at the Lake Shore Country Club and of the recent Yuletide meeting when an entertainment was put on.

Several other matters were brought up regarding the work and worth of trade Associations and how the interest of members and firms might be increased and a greater push made for new members. The recent organizations of the wholesalers in Montreal was referred to appreciatively as an evidence of the way the Association spirit was developing, and it was declared that the Montreal body was off to a fine start. Among those who recently addressed the gathering in the commercial metropolis were A. E. Clark, Frank Kent and others. Valuable suggestions for increasing the attractiveness and usefulness of the meetings were made by A. E. Eckardt, A. C. Manbert, K. M. Brown, J. L. Campbell and others.

## Montreal Retail Lumbermen Call for Grading Rules

The grading of lumber was the main subject of discussion at the meeting of the Montreal Retail Lumber Association, held at Freeman's Hotel on January 10th. The question of the relations between wholesalers and retailers was also on the agenda, but this was postponed until the next meeting.

J. F. Dupuis who presided, referred to the large attendance and to the increasing interest in the association. He recapitulated what had been done, pointing out that the original idea of making the association a section of the Chambre de Commerce had been abandoned in favor of an organization independent of any existing institution.

It was decided to appoint Capt. G. A. Thompson secretary of the Association. Mr. Dupuis stated that Capt. Thompson had served four years at the front in the Aviation Corps and had brought down the Germans.

It was agreed that the temporary committee be authorized to carry on the association until the permanent officers are elected.

G. Tyler, Montreal manager of the Seaman, Kent Co. Limited, attended and gave the answer of his company to certain suggestions of the Association relative to the selling policy of the company. He stated that while the company could not see their way to accede to the suggestions, the company were willing to make certain concessions to the retailers in the matter of discounts. The chairman thanked Mr. Tyler for his attendance.

A discussion on the grading of lumber followed, in which Messrs. Thomson, Therrien, Stewart, Rutherford, Halliday and Pare took part. It was initiated by a suggestion of W. H. Thomson that some steps should be taken to obviate delays in the shipment of cars of spruce. These delays were, he said, often due to a difference of opinion between the wholesaler and retailer as to the grade, and he suggested the appointment of an arbitrator who would decide between the wholesaler and retailer.

The chairman agreed that something on these lines was desirable, and he pointed to the good work done by the National Hardwood Lumber Association.

Stewart Rutherford declared that he wished the word "merchantable" could be eliminated from the dictionary. Different mills supplied different qualities of lumber under this general description. It was difficult to define what 5th quality was. In pine the position was more difficult than in spruce. If some means could be devised by which grades could be positively defined, the retailer would be in a position to know exactly what he was buying, and if the lumber shipped did not come up to grade, then the cars could be sent back. He suggested that a recommendation be sent to the Canadian Lumbermen's Association that the manufacturers should get together and establish definite grades and appoint inspectors to see that the grades were delivered.

The chairman mentioned an instance where a month's delay was caused owing to some difference of opinion as to the grade of certain lumber—a delay which could have been avoided had there been a system of inspection.

Mr. Pare pointed out that certain manufacturers had definite grades to which it was replied that the idea was to get all manufacturers on the same basis.

Mr. Halliday suggested that it might be well to take up the question with the wholesalers who are equally interested.

The following were appointed to draft a letter to the Canadian Lumbermen's Association on the subject of grading and the appointment of inspectors,—Messrs. Dupuis, S. Rutherford, Fortin and Thomson.

On the motion of the chairman, Leon Gagne was cordially thanked for his work in organizing the association and acting as temporary secretary. Mr. Gagne briefly replied.

### Boom and Improvement Companies Meet

The annual meetings of the various Boom & Improvement Companies, operating on the Georgian Bay and the waterways which flow into this great inland body, held their annual business meetings at the Queen's Hotel, Toronto, on January 17th and 18th. There was a good attendance of lumbermen interested. Most encouraging reports were presented on the operations of 1922, no logs being held back in the streams. Conditions generally were favorable in regard to clean-ups, sorting, driving, towing, etc., during the past season.

The French River Boom Co., Limited, which handles all the logs of the various owners coming down the French River to the Georgian Bay, elected,—President, W. J. Sheppard, Waubaushene; Secy. Treas., W. F. Beck, Penetanguishene. The directors for the coming year are,—F. N. Waldie, Victoria Harbor; W. J. Bell, Sudbury, and W. E. Bigwood, Byng Inlet.

The Mississauga River Improvement Co., Limited, which handles the logs on the stream bearing that name, and looks after all improvements, will have its affairs supervised in 1923 by:—President, J. J. McFadden, Blind River; Manager, Arch. Carrier, Blind River; Secy.-Treas., N. K. McCrimmon, Blind River; Directors:—F. N. Waldie, Victoria Harbor; C. N. Carney, Thessalon; Ed. McFadden, Blind River, and W. E. Bigwood, Byng Inlet.

The Spanish River Improvement Co., Limited, elected-President, W. E. Bigwood, Byng Inlet; Secy.-Treas., Chas. McCrea, M.L.A., Sudbury; Manager, W. J. Bell, Sudbury.

The Sable & Spanish River Boom Co., of Algoma, which handles the logs on the Spanish River, appointed the old officers who are,—President, W. E. Bigwood, Byng Inlet; Secy.-Treas., Chas. McCrea, M.L.A., Sudbury; Manager, W. J. Bell, Sudbury; Directors, J. J. McFadden, Blind River; W. E. Bigwood, Byng Inlet, and F. N. Waldie, Victoria Harbor.

The Log Picking Association, which operates on Georgian Bay in the recovery of logs lost in towing, rafting, etc., named the following committee to look after its affairs for 1923:—W. J. Sheppard, Waubaushene, (chairman); Ed. Letherby, Midland, (Secy.-Treas.); F. N. Waldie, Victoria Harbor; W. J. Bell, Sudbury, C. N. Carney, Thessalon; J. J. McFadden, Blind River; W. E. Bigwood, Byng Inlet, and W. F. Beck, Penetanguishene.

### Annual of Lumbermen's Credit Bureau

The annual meeting of the Lumbermen's Credit Bureau was held recently in the Board of Trade rooms, Toronto. The Bureau was organized in 1915 and has operated smoothly and efficiently since its inception. satisfactory reports were presented covering the past year's operations, and the finances were shown to be in good shape. O. M. Moore presided and delivered a short address on the work of the Bureau, its growing importance, service and usefulness. He stated that its affairs were now on a solid basis and the worth of the institution was generally recognized. The election for the coming year resulted in the former officers being returned. They are,—Chairman,—O. H. Moore; Board of Directors,—F. R. McFarren, A. U. Cote, F. Ryan, S. McCord, T. A. Paterson, A. McCabe, Secretary-Treasurer, H. Boulton.



## Mr. Brown Joins A. E. Gordon Co.



Kenneth M. Brown, Toronto

Kenneth M. Brown, who for the past three years has been in charge of the Eastern Canada office of the Vancouver Lumber Co., Limited, Vancouver, with headquarters in the Excelsior Life Building, Toronto, has joined the A. E. Gordon Lumber Co., Toronto, which was recently formed, and this month assumed his new duties as manager of sales for that progressive organization. Mr. Brown is one of the most energetic and wide-awake lumber salesmen coming out of the West and has established a wide connection. For the past year he has been one of the directors and chairman of the Attendance Committee of the Wholesale Lumber Dealers' Association, in which he has taken a lively interest. Mr. Brown, whose native city is Minneapolis,

took his first position with the Atlas Lumber Co., being a member of the head office staff. This was in 1912, and two years later he became identified with the International Lumber Co. and was engaged in warehousing, clerking, scaling and logging operations at their divisional headquarters at Ray, Minn. Returning to Minneapolis, he again joined the Atlas Lumber Co. He was afterwards associated with the Adams Lumber Co., and for the past four or five years has been engaged with the Vancouver Lumber Co., rising from the post of shipping clerk to that of manager of their eastern sales office.

His successor in the Vancouver Lumber Co. will be R. S. Plant, who has been associated with the firm in its eastern work for a considerable time past. Mr. Brown's many friends will wish him every success in his new sphere of operation with the A. E. Gordon Lumber Co. of Toronto.

## News of Industry in Short Shape

F. N. McCrea, M.P., of Sherbrooke, Que., president of the Lotbiniere Lumber Co. and of the Brompton Pulp & Paper Co., who has been ill for some time, was, according to last reports, making good progress toward recovery.

Wm. W. Winter, of Selby, Ont., died recently at the lumber camp of Gunter & Dennison at Judson, Ont. He was only twenty years of age, and heart failure was the cause of his death. He had many friends in Lennox and Addington County.

The employees' club of the Myers-Warren Lumber Co., Toronto, held their first annual banquet recently which was a signal success. There were about seventy-five present and many interesting contributions to the proceedings were supplied by local talent.

C. W. Palmer, of Wroxeter, Ont., will shortly start operating his new sawmill. During the past few days he has been busily engaged in making the final installation of equipment. Mr. Palmer is widely known in Huron County and will soon be in a position to cater to the increased demand for lumber.

Hon. J. A. Robb, Minister of Trade and Commerce for Canada, visited Indian coast cities on his return from Australia, and he describes India as a great and growing market for Canadian timber, railway ties, automobiles, iron and steel products, paper, carbide, electrical equipment and musical instruments.

One hundred thousand hard wood ties for the Canadian National Railways are to be creosoted at Sydney by the Dominion Tar & Chemical Company. Shipments of ties to Sydney will commence soon, and the work of creosoting will start about the first of June and occupy two months.

What is considered to be a record-breaking wood-cutting bee took place at James Murray's farm in Esquesing Township recently near Milton, Ont., when a circular saw driven by tractor power with six gallons of coal oil cut eighty single cords of hardwood in four and one-half hours. The saw has been in use on Mr. Murray's farm for over half a century.

Allan McPherson, of McPherson & Clarke, retail lumber dealers, Glencoe, Ont., was recently returned by acclamation as reeve of that village at the municipal election. This makes the fourth time that Mr. McPherson has been selected for the office, which speaks well for his record and service in the interest of the residents of Glencoe.

A recent despatch from Port Arthur says: Tie camps are springing up like mushrooms in the best timbered country on both sides of the Twin Cities. On the Canadian National East, several have been located recently. The demand for ties will be heavy next Summer on account of the proposed cut off of the Canadian National into Long Lac and other railroad construction work.

W. L. Carr, of Woodstock, N.B., passed away recently from an attack of peritonitis in New York City where he was on a visit. He was 59 years of age and carried on large lumber operations at Carr Siding and Sherwin, N.B. He also held valuable timberlands in Carleton County. Mr. Carr was one of the best known and most influential residents of Woodstock and is survived by his wife.

A charter has been granted to the Frontenac Pulp & Lumber Co., with a capital stock of \$49,000 and head office in St. Evariste Station, Beauce County, Que. Among the incorporators are Sylvio Gendron, St. Evariste, and Jean Fournier, St. Ephrem, Que. The company have taken over the business of Messrs. Gendron & Fournier and are empowered to buy, sell and deal in all kinds of lumber, pulp, etc.

That \$2,000,000 had been spent last year in fire-fighting in his area, was the statement of E. T. Allen, Forest Economist of the Western Forestry and Conservation Committee, in a paper read by him recently at the conference of the Quebec Forest Protective Association held in Montreal. He asserted that if but two per cent of this amount had been allowed him for advertising, the benefits would have been incalculable.

J. W. Brankley, of the Miramichi Lumber Co., Chatham, N.B., who was ill for the last month, was sufficiently recovered to attend the annual convention of the C.L.A. in Montreal. Mr. and Mrs. Brankley have gone to Florida where they will spend the next few weeks. He is president of the New Brunswick Lumbermen's Association and hopes to return in time for the annual meeting which will be held toward the latter part of March.

H. E. Howe, lumberman, of Shawinigan Falls, Que., states that in that district operators, both big and small, are cutting a large quantity of logs and the outlook is regarded as bright. The small mills will make a big cut as they are busy in the bush. The recent rise in prices has encouraged them considerably. Some of the pulp and paper companies will not operate their sawmills this season owing to the activity in pulp and newsprint, for which there is a decidedly strong demand.

Canadian Western Lumber Co., Ltd., of Fraser Mills, B. C., in its report of November operation, shows a considerable improvement in both production and sales in comparison with November, 1921. Lumber manufactured, at 8,314,040 feet, compares with 5,947,241; lumber sold, 7,993,326 feet, as against 5,142,006, and price realized at \$220,148, compared with \$129,279. Aggregate lumber manufactured from January 1 to November 30 totalled 108,850,689, compared with 81,083,568 feet, and aggregate price realized at \$2,625,018, compared with \$2,119,881, an increase of \$505,137.

The Carew interests of Lindsay have bought the Malloy & Bryans mill at Haliburton, Ont. The new company has secured a charter and will be known as the Haliburton Lumber Co. with head office in Lindsay. F. J. Carew, of Lindsay, is president, John Carew, vice-president, and A. W. Carew, sec.-treas. The new company not only acquired the sawmill of Malloy & Bryans but also the stave mill and horses, waggon, harness, equipment, steamboats, limits and logs on hand. There are now some 40 men in camp at Haliburton, Ont., and a busy season is predicted.

The discussion of forest supervision measures to be adopted next year, with a view to reducing to a minimum the possibility of a recurrence of last year's Northern Ontario holocaust, was the purpose which summoned the forest engineers of the province into consultation with Crown officials recently at the Parliament Buildings, Toronto. The methods which the Government intends to adopt involve the extension of the aircraft patrol system, which was so successful last year in the Georgian Bay district, and the more general use of lookout towers and telephone connections. Measures of reforestation were also discussed at the conference.

The Department of Lands and Forests of the Ontario Government has accepted the tender of Charles Mellor of Port Arthur for timber or township seven and part of six lying east of the Canadian Pacific Railway main line, near James Station, on the Grand Trunk. The tract is said to contain an area of 36 square miles, and its location is approximately 70 miles west of this city. Under the terms of the tender, Mr. Mellor is to pay the following price for the timber cut: Pine, \$9.50 per thousand feet board measure; \$6 per thousand for spruce and poplar; \$4.50 per thousand for other timber. Ties are rated at 22 cents each; spruce and pulpwood, \$2.67 per cord, and other pulp, \$1.47. Fuel wood is rated at 30 cents per cord.



## Mr. Maus Starts New Organization



Charles O. Maus, Sound Bend, Ind.

Charles O. Maus, of South Bend, Ind., recently dissolved his partnership with R. B. Maxson in the Charles O. Maus Lumber Co., and has started a wholesale hardwood lumber business under the name and style of Charles O. Maus. His offices are in rooms 444 and 446 Farmers Trust Building, South Bend, and he will specialize in northern and southern hardwoods, his specialty being Canadian birch. Mr. Maus was recently in Toronto and appointed Mr. Walter S. McBean, 200 St. Clarens Ave., Toronto, as his Canadian representative. Mr. McBean has had considerable experience in the hardwood line, being for some time associated with McBean & Verrall, and latterly with the Seaman, Kent Co., Toronto. He is a son of John McBean, lumberman of Toronto.

Mr. Maus is well-known to the Canadian trade and has a wide connection. He is a brother of Harry H. Maus, who was recently elected president of the South Bend Hardwood Club and has paid frequent visits to Canada. Mr. Maus is a member of the National Hardwood Lumbermen's Association; the Indiana Hardwood Lumbermen's Association; South Bend Hardwood Club and various other bodies. The slogan of the new firm is "We have it and 'How about that next car?'"

Mr. Maus has had twenty-three years' experience in the lumber arena in the manufacturing, buying and selling ends and was for several years with the Hyde Lumber Co., of South Bend, calling upon the buying trade in Ontario, Ohio, Michigan, Pennsylvania and New York States.

## Spanish River Company in Strong Position

At the seventh annual banquet of the Spanish River Pulp & Paper Co., held on January 20th at Sault Ste. Marie, Ont., the recent timber probe in Ontario was touched upon by a number of officials, who all expressed satisfaction that the company had emerged from the investigation in a considerably stronger position than when it was drawn into it. A splendid address was made by President George Mead, of Dayton, Ohio, dealing with the past operations of the concern, its bright future and the very satisfactory conditions existing between the company and its employees. Addresses were also delivered by Colonel Thomas Gibson, Toronto, Vice-President; Colonel C. H. L. Jones, General Manager; George R. Gray, Manager of wood operations; Hon. Dr. R. J. Manion, M.P. for Fort William, and P. B. Wilson, Vice-President and former President of the Canadian Pulp and Paper Association.

## Mr. Nichols is Once More Returned

W. A. Nichols, who is a widely-known lumberman of Carleton Place, Ont., was re-elected Reeve of that town by acclamation in the recent returns. He has also been elected warden of Lanark County.

Mr. Nichols is a public-spirited citizen and some years ago was Mayor of Carleton Place. He was first made Reeve in 1915 and his municipal experience well qualifies him for looking after the interests and welfare of the citizens among whom he is highly regarded. He has lived in Carleton Place all his life and runs a sawmill with a cutting capacity of 12,000 feet a day and a woodworking plant which specializes in mouldings, fancy inside finish, etc.

## Keenan Allied Industries at Owen Sound

A Toronto paper recently published an illustrated edition of Owen Sound, in its reconstruction and educational review of the fast-growing cities and towns of Ontario. Special reference was made to the activities of Keenan Bros., the Keenan Towing Co., the Keenan Woodenware Mfg. Co. and the Eureka Refrigerator Co., all of which are controlled by Keenan Bros.

Illustrations were presented of the different plants, and in reference to the sawmill activities of Keenan Bros., it is stated that their mill on Georgian Bay saws logs, ties and lumber from the surrounding country as well as from other points on the Georgian Bay and from points on the North shore as far north as Lake Superior. The

mill contains one 12-inch double cutting band saw and one 10-inch horizontal resaw with a daily capacity of 50,000 feet of hardwood, or 75,000 feet of pine. The average season is from the 1st of April till the end of October. It is announced that the firm specializes in wood products from the stump to the finished articles in the hands of the consumer.

The Keenan Towing Co., Limited, have a tug known at the "Keenan," and two barges. Large loads of hardwood logs are brought down by this means which has proved economical and efficient. Owen Sound is thus put on the map as a milling centre for hardwood lumber long after adjacent territory has been stripped, many logs being brought down from Manitoulin Island on the North shore.

## Company Has Been Paying Up Timber Dues

At the Department of Lands and Forests in Quebec the Riordon Company is now reported to be in an excellent financial situation as compared with a year ago. Less than 12 months ago the firm owed dues to the department which was said to reach \$127,000, which was guaranteed by notes. These notes were renewed a few times, and now it is learned authoritatively that they only amount to a total of \$50,000, due to partial payments. The company has been paying new dues in cash. The activity reigning in the lumber business since a few months is credited for that improvement in the financial condition of the company.

## Breezy Jottings of Trade Interest

Preliminary plans are being drawn for a \$7,000,000 power development at Rivieres Des Prairies, Que., by the Back River Power Co., 35 Common St., Montreal.

John Fenderson & Co., Inc. Sayabec, Que., are installing a complete A-7 hardwood flooring outfit. The high quality finish and fine uniformity make the products of the A-7 patented hardwood flooring machine most desirable. The Fenderson Co. are also installing a twin vertical resaw. The equipment was purchased from the P. B. Yates Machine Co., Ltd., Hamilton, Ont.

The eighth annual meeting of the Southern Pine Association will be held at the Hotel Grunewald, New Orleans, La., on March 20th and 21st. The annual convention of the National Lumber Manufacturers Association will also be held in New Orleans on March 22nd and 23rd. Another convention of interest to Canadians will be the twenty-sixth annual session of the National Hardwood Lumber Association which will convene at the Hotel Congress, Chicago, on June 14th and 15th.

John Ford, aged 83, veteran paper maker, died recently at Owl's Head, N.Y. from an attack of pneumonia. He came to Canada from England in 1859 and entered the employ of the Riordon Paper Co., of St. Catharines and was afterwards their first foreman. Later he managed the mills of J. C. Wilson, Limited, at Lachute, Que. and in Holyoke, Mass., and in New Hampshire. For 13 years he superintended the pulp mill operated by the Malone Paper Co. at Chasm Falls, N.Y., retiring at the age of 76.

Pulp board in rolls for use in the manufacture of wallboard will henceforth, by virtue of an order-in-council be subject to the following reduced duty, namely: British preferential tariff, free; intermediate and general tariff, five per cent. ad valorem. At present pulp board does not appear in the customs tariff as a specific item but, is classified under pulp of wood or straw, is liable to import duties of 15 per cent. preferential and twenty-five per cent. intermediate and general.

Construction has been completed on the new big mill of the Provincial Paper Mills Co. at Port Arthur, Ont., and the work was completed in record time. The installation of equipment is now going on in all departments. The new mill will be particularly well equipped and construction was carried out under the direction of W. J. Trimble, of Toronto, who was the general contractor. H. S. Taylor Limited, of Montreal, had charge of the engineering designs and supervision of construction. A. G. Ponsford is general-manager of the mill.

The Spruce Falls Company's sulphite pulp plant at Kapuskasing, Ont., which was recently visited by fire, has resumed operations on a reduced basis. F. J. Sensenbrenner, president of the company, says the property loss did not prove to be as serious nor the interruption to operation as long as was feared from the first reports. The company will be obliged to continue to run on a reduced basis until the roof of the digester building is restored. So far as camp operations are concerned, winter conditions are quite favorable for pulpwood production equal to the expectations of the company who are securing all their supplies through jobbers.



## Enjoyable Evening With the Linn Tractor

Mussens, Limited, of Montreal, who handle the widely known Linn tractor in Canada, entertained a group of lumber operators and pulp and paper producers at a delightful dinner at the Mount Royal Hotel, on January 24th, during the progress of the C.L.A. convention. There were a large number present and the proceedings passed off pleasantly, the function being attractive and enjoyable in every respect. W. H. C. Mussen, the genial president of the organization, presided and was ably assisted by his right-hand man, J. S. Innes, who is in charge of the logging department. H. H. Linn, vice-president of the company, was prevented from being present owing to the death of his mother, and during the evening a telegram of condolence was sent. Others who gathered around the festive board were,—G. R. Hanks, of Morris, N. Y., president of the Linn Tractor company; George Whitman, of Morris, N. Y.; R. G. Thatch, of New York, secretary; W. C. Hull, president of the Oval Wood Dish Co.; W. S. Weldon, Collector of Customs, Montreal, and many representative lumber and pulp and paper exponents.

During the evening rollicking songs and sketches were given by Fred Brown, who is favorably regarded in Montreal engineering circles, "Joe" Beauchamp, W. S. Weldon and others. Splendid moving pictures were presented showing the Linn logging tractor in operation under various trying conditions and demonstrating its dependability and great hauling power. It was seen drawing immense compressor castings weighing 65,000 lbs. each for the Hope Natural Gas Co., of Clarksburg, W. Va., where a compressor station was being erected. The distance was 19 miles and the roads were apparently impassable owing to the depth of snow and slush, while the grades were very steep and the curves exceedingly sharp.

Other pictorial revelations showing how effective the Linn tractor is on snow and ice and exemplifying the flexibility of the traction, working overground without use of mud-hooks, etc. were witnessed in connection with hardwood for the Oval Wood Dish Co. at Tupper Lake, N. Y., and the Gould Paper Co. in its activities at North Lake, N. Y. The latter company has twelve Linn machines engaged in its pulpwood operations. Several loads of hardwood logs were pulled by the Linn tractor at Tupper Lake, each containing 9,000 ft, Doyle rule. Several of the moving pictures were taken without knowledge of the Linn Mfg. Co., so that no stunts had been "prepared" or "staged."

At the close of the entertainment Mr. Mussen expressed his pleasure at the large number who had accepted the invitation to be present at the dinner. He spoke enthusiastically of the work and worth of the Linn tractor and enlarged upon its economic, reliable, flexible and other well balanced features in connection with winter logging, proving that tractor logging makes the long haul profitable and also makes it possible to drive only the main rivers and streams. A number of Linn tractors are now in operation in various parts of Ontario, Quebec and New Brunswick, and anyone interested was cordially invited to witness a demonstration of what the machine can do.

A hearty vote of thanks was tendered Mr. Mussen, and Mr. Innes for their hospitality, the mover being Cyril T. Young, manager of the Eastern Lands Department of the Canadian National Railways, who voiced the sentiments of all present in a few appropriate remarks. The gathering broke up with hearty cheers for Mussens, Limited.

## Montreal Dealers Discuss Trade Relations

The relations between wholesalers and retailers was the main subject for discussion at the meeting of the Montreal Retail Lumber Association held on January 23rd at Freeman's Hotel. The speeches were characterized by a desire to get into touch with the wholesalers and to arrange with them questions which were of mutual interest. It was asserted that there were some matters which, from the retailers' point, should be adjusted as soon as possible, particularly the one relating to wholesalers encroaching on the retailers' trade. Such matters could be settled in a spirit of goodwill.

The discussion was taken part in by Messrs. S. Rutherford, G. Lebel, J. E. Pare, Z. Sylvain, W. H. Thomson and the chairman, Mr. J. P. Dupuis. It opened with a reading of a section of the by-laws of the Ontario Retailers' Association relating to sales by wholesalers to consumers. Mr. S. Rutherford then made the suggestion that the retailers should work in co-operation with the Montreal Wholesale Lumber Dealers' Association, in order to arrive at some working plan on the lines of those adopted in Ontario. He referred to the sales tax, which in some instances was passed on to the retailer by the manufacturer. This was illegal. Perhaps a meeting of the wholesalers and retailers would result in the drawing up of a list of customers such as the railways and other large industrial concerns, to whom the wholesalers could sell.

A considerable amount of discussion followed as to what constituted a wholesaler and a retailer, and as to the eligibility of firms

doing both classes of trade to become members of the Association. Where was the line to be drawn? To some wholesalers the doing of a retail trade was not attractive, as they did not want to take the risks.

The chairman was in favor of appointing a committee to meet the wholesalers in order to get a definite declaration as to what constitutes a wholesaler. There was no doubt, he added, that some wholesalers were selling retail.

After some further discussion, in which emphasis was laid on the importance of cordial relations between both sections of the trade, it was proposed by Mr. Lebel, seconded by Mr. Sylvain, that J. P. Dupuis, S. Rutherford, W. H. Thomson, J. A. Bonneau and J. Laurence be appointed to meet the Montreal Wholesale Lumber Dealers' Association, with a view to defining what constitutes a wholesaler, and also to discuss other matters of interest.

The next meeting of the association will be held on February 7, when a president, vice-president, and five directors will be elected.

## The Old Timber Boundary Holds Good

In 1840, when country between the Petawawa and the Bonnechere rivers was parcelled into limits for pioneer lumbermen, the back areas were not much considered. Wood along the rivers was cut and the rest left. With the increase in the value of lumber the exact boundaries have become important.

In 1914, J. R. Booth, of Ottawa, cut over what he thought to be part of his back area. Four and a half square miles of the area cut was claimed by the Golden Lake Lumber Co. to lie within its boundaries. Two million feet were cut by the Booth employees, and the Golden Lake Company sued to recover at the rate of \$20 a thousand feet, endorsing its claim for \$40,000. Testimony at the trial was to the effect that it was worth \$80 per thousand, which would bring the value up to \$160,000.

J. R. Booth relied on a line run by a surveyor named Robertson in 1844. The other company relied on a line placed on a township survey map subsequently.

Mr. Justice Middleton holds that the Golden Lake Company is out of court because when the timber was cut in 1914, by an oversight no license had been issued to it for its limits. The claim of the Attorney General of Ontario, who was joined with the Golden Lake Company as a plaintiff, is also dismissed on the ground that the Robertson line was run by a Department surveyor as the boundary line of the limits. By reason of renewal of the license from year to year this line must be taken to have remained the boundary, even though the license are but for one year and each license is a new transaction.

## New Lumber Company Opens Offices

J. H. Poulin, who recently resigned his position as general-manager of the Rimouski Lumber Co., of Rimouski, Que., has completed the organization of the J. H. Poulin Lumber Co., Limited, with headquarters in Montreal. The company is obtaining a federal charter. Mr. Poulin, who has been in the lumber line all his life, states that the new company will begin operations this month on the old hunting grounds of Quebec, New Brunswick and the New England States, and already has several choice cuts of spruce lumber.

Offices have been opened at Room 85, 205 St. James St., in the Bank of Montreal Bldg., Montreal. Associated with Mr. Poulin will be J. P. Fitzpatrick, president of the National Securities, Montreal.

## Want Fire Rangers for the Year Around

The chief fire rangers in the North should be all-the-year-round men, and they should have power to hire assistants as early in the season as they deem necessary, and retain them as long as is considered advisable, according to views expressed at the quarterly meeting of the Associated Boards of Trade, in South Porcupine, Ont.

A resolution to this effect is being forwarded to the department, it being felt that these decisions should not be left to "some swivel-chair-man in Toronto," as one delegate phrased it. The contention was made that the costs of fire-ranging amounted to one cent per square mile only, and that of \$630,000 voted for this work less than a quarter of a million was actually devoted to field work, the balance being used largely for overhead and Toronto salaries.

The Devon Lumber Co., Limited, lumber manufacturers, whose head office is at Sherbrooke, Que., is in process of winding up its affairs having disposed of its mill some time ago. The company is cleaning up the balance of the lumber on hand, which it expects to accomplish in the near future. The mill of the company is located at Pine, Ont. F. N. McCrea, M.P., of Sherbrooke, is the president of the Devon Lumber Co., G. F. Hodgins, of Ottawa, vice-president, and Frank C. Baker, of Sherbrooke, sec.-treas.



## Mr. Plant Becomes Eastern Manager



Ralph S. Plant, Toronto

Ralph S. Plant has been appointed manager of the Eastern sales office of the Vancouver Lumber Co., of Vancouver, succeeding K. M. Brown, who resigned recently to become sales manager for the A. E. Gordon Lumber Co. Mr. Plant has been associated with the Toronto office for the last two and a half years, covering Western Ontario, and has made many friends in the trade. He is a son of the late Eugene Plant, Inspector of Bakeries, Vancouver, where he attended school and secured his first job as office boy for the Vancouver Lumber Co. in 1917. He was next promoted to invoice clerk. And later joined the Royal Air Force qualifying as a flight-lieutenant.

After the signing of the Armistice, he resumed his connection with the lumber industry and gained further experience in the planing mill, tally and office departments until he came to Toronto in 1920 to assist Mr. Brown. He is a brother of Charles Plant, of Vancouver, sales manager of the company, and is alert and aggressive in the interests of his firm.

P. C. Thomas, who has been in Toronto for a year, being a member of the sales force of the Vancouver Lumber Co., has been transferred to the Winnipeg office where he has been appointed manager. He has been seven years in the employ of the organization of which his father, L. C. Thomas, is secretary. He is succeeded in Toronto by Harry C. Hodgson who for a long period was in the Winnipeg branch. Messrs. Plant and Hodgson will now have charge of Eastern sales for the company.

## Must Pay Higher Rates for Timber

New regulations passed by order-in-council in respect to timber have reached the Dominion land office at Edmonton. These refer to small fringes of timber which lie outside the surveyed berths, and which it has not been the custom to survey. Formerly these were sold to the adjoining berth holders at fifty per cent more than the regular dues on the timber held by them, provided the amount of timber were not over 300,000 feet board measure.

Under the new ruling this fringe timber will be disposed of to the berth holders at the ordinary rate, while the maximum cut is set down at 500,000 feet.

## Says Prices Have Advanced Considerably

The name of the R. A. R. Allen Lumber Co., of Millbridge, Ont., has been changed to the Allen Lumber Co., and the members of the firm are R. A. R. Allen, T. A. Yong and E. R. Allen. The company, who conduct operations in Hastings County, say they are receiving many inquiries for this time of the year, but are making all their sales by bringing their lists to the buyers. They have been disposing of cars of mixed sizes which would have been impossible to sell three months ago and at values which are quite satisfactory. Prices 25% in advance of last July are being offered cheerfully and short terms are being promptly honored.

The Allen Lumber Co. say that operating conditions are by no means ideal, there being no water in the swamps but more snow than usual. They are of the opinion that there will be an increase in production over last year of 35 to 40% and so far as their own operations are concerned, they are taking out half a million feet, mostly hardwood, and in addition will control another mixed million and a half scattered throughout Hastings County at seven or eight mills.

## Lumberman Who Possesses Public Spirit

G. H. Nicholson, of Burlington, Ont., who is widely-known in the lumber industry, was returned as Deputy Reeve of that town by acclamation at the recent election. This makes his second venture in municipal life after an interval of only a few years. He served two years in the Council and one as Reeve a short time ago. Previous to taking up his residence in Burlington, Mr. Nicholson spent six years as a township father in East Flamboro, the last two of which he filled the chair as Reeve.

From his boyhood days Mr. Nicholson, who possesses public spirit and is a good citizen, has been engaged in the lumber business and for twenty-five years has operated sawmills in Wentworth and

Halton Counties. At present he has a mill cutting hemlock and hardwood at Deer Lake in the Parry Sound District. He also operates another mill near Guelph Junction, in Halton County, which is sawing pine and hardwood.

Since 1913 Mr. Nicholson has been engaged in the export trade in association with the Bradley Company, of Hamilton. They have been exporting chiefly oak, elm and hard maple, both hewn in the round and sawn, to Great Britain and Ireland, and before the war to other points in Europe. In buying for this trade, Mr. Nicholson has travelled through and examined a large part of the standing timber in old Ontario.

## Mr. Long Re-elected as Commissioner

Guy H. Long, of the Long Lumber Co., Hamilton, wholesale lumber dealers, and the Consumer's Lumber Co., retail lumber dealers, was recently re-elected as Hydro Commissioner for that city. It was in 1921 that Mr. Long was first chosen for the position, and in the late contest which was a triangular one, he polled a larger vote than the total number of ballots cast for his two opponents. This demonstrates that Mr. Long's services has been highly acceptable to the citizens and that he has discharged his duties faithfully and fearlessly.

Mr. Long is well-known in the lumber industry with which he has been associated many years. He is one of the charter members of the Wholesale Lumber Dealers' Association, Inc., and is a former director of that body. He has held a number of public positions and to whatever he turns his hand, he brings optimism and encouragement. An ardent hunter and fisherman he takes much interest in athletics, motoring, and other pastimes.

## Mr. Maxson Buys Out Partner Interest

Ray B. Maxson, of South Bend, Ind., has purchased the interests of the Charles O. Maus Lumber Co., and has taken over the assets and assumed the liabilities of the firm. Mr. Maxson was in Toronto recently on business and reports the prospects for trade during the coming season as exceptionally bright. His firm is specializing in oak, gum, birch and other hardwoods.

Mr. Maxson was for several years lumber buyer for the Studebaker Corporation of South Bend, and has had an extensive business acquaintance which has given him a wide connection in the lumber arena.

## Penetang Company is Kept on the Move

The P. Payette Co., Penetanguishene, Ont., of which J. T. Payette is the proprietor, say that since the war they have not been as busy as at the present time and they are running to 100% capacity. Mr. Payette adds,—"We have a great deal of marine work and also sawmill work; in fact we might state that the sawmill machinery business looks extra bright for 1923. We are selling quite a number of lath mills and bolters and sawmill carriages and have the factory almost filled up with sawmill repairs. We certainly have to thank the "Canada Lumberman" for keeping us before the sawmill owners of the country."

## Mr. Mann is Buying up Lumber Stocks

E. H. Mann, of Peterboro, who sold out his sawmill interests some time ago to S. L. Purdy, of Coe Hill, spent a few days in Toronto recently on business. Mr. Mann is now devoting his time largely to buying hardwood stocks for Toronto wholesale concerns and will also do some taking out of timber on his own account. The Mann mill at Peterboro will be operated during the coming summer by Walter Purdy, son of S. L. Purdy, and it is expected that the cut will be over a million feet, of which a large proportion will be hardwood.

Mr. Mann reports that the lumber cut in Peterboro County will be considerably larger than it was last season and that twenty-five or thirty mills, stationary and rotary, will be in operation within a radius of a few miles.

## Toronto Firm Shipping Out Pulpwood

The Thompson & Heyland Lumber Co., Toronto, held its annual meeting recently and re-elected James Thompson, president and A. E. Breckenridge secretary-treasurer. A. J. Bailey, who was formerly secretary-treasurer, was made vice-president, succeeding the late E. R. Heyland.

The company deals in not only lumber but pulpwood and will handle between 40,000 and 50,000 cords during the coming season. Already between 15,000 and 20,000 cords of pulpwood have been shipped out from Northern Ontario points to the Thorold district, Minnesota, New York, Pennsylvania and other states on 1923 contracts. The company report quite a lively call for polpar.



## Ottawa Valley Lumberman Expires



The late W. C. Hughson, Ottawa

An outstanding figure in the ranks of the lumbermen in the Ottawa and Gatineau Valley district joined the silent majority lately in the person of Ward Campbell Hughson, president of Gilmour & Hughson, Limited, Hull, Que. Mr. Hughson, who was in his 66th year, had been ailing for some time, and passed away at his home, 71 Bronson Ave., Ottawa. He was held in high regard by a large circle of friends and business acquaintances and is survived by his widow, two daughters and two sons. In addition to his active interests in the firm of Gilmour & Hughson, he was a director of the Ottawa River Forest Protective Association of which he was president for four years. He was also a member of the directorate of the Lower Ottawa Boom Co. for twenty-seven years, and was head of that organization for nineteen years, as well as president of W. C. Hughson & Sons, Limited. Mr. Hughson was born in Albany, N.Y., and was the son of a well-known lumberman, who was head of the firm of Hughson & Co., of Albany.

The late Mr. Hughson received his business training under his father and came to Canada in the eighties and was engaged for a time in the lumber line in Peterboro. He was later manager of the Muskoka Mills and Lumber Company, near Penetanguishene, Ont., was associated in business with Mr. A. S. Campbell, of Toronto, and later took up residence in Ottawa as the representative of Hughson & Co., of Albany. The firm of Gilmour & Hughson Company, Limited, was formed in 1891, with the late John Gilmour as president. On the death of Mr. Gilmour in 1912, Mr. Hughson succeeded to the presidency of the firm, henceforth known as Gilmour and Hughson, Limited, of Hull, and retained this office ever since. Three years ago, the firm entered into and made agreement of sale with the Riordon Corporation. Mr. Hughson had resided continuously in Ottawa since 1890, and although born in Albany, was a naturalized British subject.

## Mr. Ainslie Passes Away at Owen Sound

One of the pioneer lumbermen of Northern Ontario in the person of John George Ainslie, passed away lately in Owen Sound in his 65th year. He was raised at Leith, a few miles out of the city and spent his whole life in the district. Mr. Ainslie had been ailing for some time and had been confined to the house for the past two months with pernicious anaemia. He was the last surviving member of Rixon, Ainslie & Stoddart, which succeeded Maitland & Rixon, and for several decades looked after their bush operations. The mill of Rixon, Ainslie & Stoddart was in operation for about twenty years and sawed from 8,000,000 to 10,000,000 feet of white and red pine a season. It has been closed about five years and was sold several months ago to Keenan Bros. of Owen Sound, Rixon, Ainslie & Stoddart retaining certain limits.

Mr. Ainslie was never married and leaves four nieces and two nephews to mourn his loss. He was an ardent athlete in his younger days, playing with the cricket team of Owen Sound and winning the local championship in sculling contests.

The funeral of Mr. Ainslie was largely attended, H. Mawson and S. R. Anderson, of the firm of Anderson, Shreiner & Mawson, Toronto, were among the many who assembled to pay their last tribute of respect to a pioneer lumberman and a loyal, faithful citizen of Owen Sound.

## Another Veteran Lumberman Called Home

George Benjamin Campbell, ex M.P.P., passed away recently at Bruce Mines, District of Algoma, Ont. He was the manager of the Fraser-Bryson Lumber Company's interests and was born in Eardley, Que., some seventy years ago. Mr. Campbell who was a former member of the Quebec Legislature for Pontiac County was a staunch Conservative, and in the last general election was a contestant for the Federal parliament in the same constituency, but was defeated. In addition to his widow, Mr. Campbell is survived by three sons, Percy A., of Campbell's Bay, George Kenneth and Reginald Fraser of Eardley.

Mr. Campbell was known as one of the most expert lumbermen in the Ottawa Valley. He also took an active interest in Masonry,

being a 32nd degree Mason. In business, political and fraternal circles he was highly esteemed, and many lumbermen took occasion to pay their last respects to him on the occasion of his funeral interment being in Quyon cemetery. The last sad rites were largely attended, the funeral being the most widely attended of any in the history of Pontiac County.

## Mr. P. D. Gordon Crosses the Bourne

The death of Phillip Doddridge Gordon, of Mason, Gordon and Company, Limited, Montreal, on January 16, is a distinct loss to the Western and Eastern lumber trade of Canada. He was ill for three weeks. Mr. Gordon was removed to the Royal Victoria Hospital on Christmas Day and was immediately operated on; a second operation was performed on January 6, and from that day he gradually sank, the doctors stating that there was no chance of a recovery.

Born in Manila, Ont., 63 years ago, Mr. Gordon learned the lumber trade in Ontario. He went to Montreal in 1895 where he represented the British Columbia Mills Timber and Trading Company, of Vancouver, B. C. He was in fact one of the pioneers of Western forest products in Eastern Canada. He declared that it was very uphill work for a long time, many prejudices having to be overcome, but the fact that B. C. could supply the largest sized timber at very low figures proved strong inducements to try the products, and to see whether the qualities were as claimed.

In 1900 Mr. Gordon entered into partnership with Mr. William T. Mason, under the name of Mason, Gordon and Company. They specialized in B. C. wood products, yellow pine and hardwoods. The company continued to represent the British Columbia Mills Timber & Trading Company for fir finish in the province of Quebec and the Maritime provinces, a relation which has lasted until the present day. The trade in Western woods developed in a striking way, with Mr. Gordon and Mr. Mason playing a conspicuous part in that expansion. In 1905 offices were opened in Vancouver, which are now under the management of Mr. Hubert C. Gordon, the late Mr. Gordon's oldest son.

Mr. Gordon was a likeable man. He held some decided opinions on trade and other matters, but he was able to adduce some strong reasons for the faith that was in him. He frowned upon anything which savoured of the unfair in business methods, and to use the words of an acquaintance was a "clean man." A believer in the trade association idea, he took a full share in the work of the Canadian Lumbermen's Association and in the Montreal Lumber Association. He was vice-president of the latter body in 1914, 1915, 1916, and 1917, and president in 1918 and 1919; for two years he was president of the committee of management of the Transportation Bureau of the Montreal Board of Trade, and president in 1921.

Apart from business, his chief activity was in connection with Freemasonry, being member of a number of lodges in Canada and the United States and holding high offices in the order. He took a particular interest in the work of the Shriners, and was chairman of the Laws Committee of the Imperial Council of the Mystic Shrine; he also held other positions in the Order.

Mr. Gordon is survived by a widow and two sons and four daughters. Messages of regret from all over Canada have been received by the family. At the weekly luncheon of the Montreal Wholesale Lumber Dealers' Association on January 17, on the motion of Mr. Filion, seconded by Mr. Fenton, it was unanimously decided to send a message of sympathy with Mrs. Gordon and the family, and to lay a wreath on the grave.

## Sudden Death of Charles Carew

Charles Carew, son of John Carew, ex-M.P.P., and brother of Mayor Frank J. Carew and Arthur Carew, of Lindsay, Ont., all of whom are widely-known in the lumber industry, died recently in that town at the age of 26 years, after two days' illness from leakage of the heart. Charles was a noted hockey player, a member of several fraternal organizations, as well as the Rotary Club, and popular with a vast circle. For some years he had been associated with the John Carew Lumber Co. The late Charles Carew was a young man who will be greatly missed by a wide circle of friends.



The late P. D. Gordon, Montreal



**Second Hand  
Machinery &  
Equipment  
Wanted &  
For Sale**

# Quick Action Section

**Special Lots  
Of Lumber—  
Positions  
Wanted &  
Vacant**

## Lumber Wanted

We are always in the market to buy Pulpwood and odd lots of lumber. P. O. Box 643, Montreal. 23-8

### Offers Wanted

for 2" and 3" Prime Hardrock Maple for English importers. State price and delivery. Box 104, Canada Lumberman, Toronto. 3-8

### Wanted to Buy

Cord wood, hard slabs, soft slabs, dry. State prices, quality, quantity, to Thomas Dunn Company, 406 Aylwin St., Montreal, Que. 3

### Wanted

Several carloads strictly first class round Birch Logs, 15" and up. Also, strictly first class Basswood Logs, 12" and up. Box 110, Canada Lumberman, Toronto. 3

### Lumber Wanted

A block of Mill Cull or Mill Run Jack Pine or Spruce. Also Jack Pine or Spruce, Mill run or No. 2 Lath for winter or spring delivery. The Elgie & Jarvis Lumber Co. Ltd., 18 Toronto St., Toronto. 3

### Lumber Wanted

Hard Maple, Birch and Red Oak Lumber, in carload lots, for immediate shipment, or will contract for your season's cut. Delivery when in shipping condition. Address reply Box 101, Canada Lumberman, Toronto. 3-6

### Wanted

To contract for one hundred thousand feet genuine Rock Elm for bending purposes. Cut 3/4" thick. Delivery next summer. No substitute will be accepted. Quote price to St. Marys Wood Specialty Co. Ltd., St. Marys, Ont. 3-6

### Here is the Place to Unload

Your old stock. We buy any kind of lumber cheap—long and short lengths 2 x 4 and wider. Shingles in any grade in carlot only. Laths any size in carlot. Finish lumber and flooring, pine, oak, birch and maple. Must be cheap for cash. H. Fitzgerald, 1462 Pingree Ave., Detroit, Mich. 24-5

### Lumber Wanted

100,000 ft. of 2" Maple.  
100,000 ft. of 2" Birch.  
100,000 ft. of 1 1/2" Birch.  
100,000 ft. of 1 1/4" Birch.

For shipment within 90 days. Send prices and description of your stock, to Box 102, Canada Lumberman, Toronto. 3-4

### Dry Hard Maple Wanted in Carload Lots

1 1/4" x 3" in lengths of 18", 27", 36", 45" etc.  
1 1/4" x 3 1/4" same lengths.  
1 1/4" x 2 1/2" x 49" (one half each size).

1" x 3 1/2" x 49"  
All to be free from defects.  
Will contract for mill cuts of hard maple to be sawn into these sizes after lumber is dry, shipment next summer and fall.

Box No. 989, Canada Lumberman, Toronto. 3-T-f.

## Lumber For Sale

### For Sale

Standing timber estimated 20 million feet, about 75% hardwood, with or without mill. Located in Northern Frontenac County, Ont. Apply Box 76, Canada Lumberman, Toronto. 2-7

### PUBLISHER'S NOTICE

Advertisements other than "Employment Wanted" or "Employees Wanted" will be inserted in this department at the rate of 25 cents per agate line (14 agate lines make one inch). \$3.50 per inch, each insertion, payable in advance. Space measured from rule to rule. When four or more consecutive insertions of the same advertisement are ordered a discount of 25 per cent. will be allowed.

Advertisements of "Wanted Employment" will be inserted at the rate of one cent a word, net. Cash must accompany order. If Canada Lumberman box number is used, enclose ten cents extra for postage in forwarding replies. Minimum charge 25 cents.

Advertisements of "Wanted Employees" will be inserted at the rate of two cents a word, net. Cash must accompany the order. Minimum charge 50 cents.

Advertisements must be received not later than the 10th and 20th of each month to insure insertion in the subsequent issue.

### For Sale

Slack barrel and keg material by the carload. R. J. Miller, Blacklands, Siding, N.B. 3-14

### Timber for Sale

About 250 pieces mostly red pine and spruce 50' long, 5" to 8" at top end, suitable for piles. For further information write, Wm. Millar, Municipal Clerk, Pakenham, Ontario. 3

## Machinery Wanted

### Wanted

Alligator—steel or wood, in good condition. Give full description, for cash. Box 99, Canada Lumberman, Toronto. 3-6

### Wanted

1 Filer for Double cut 8" Band.  
1 Band Saw Filer.  
Season commences about April 15th. Reply to Haliburton Lumber Co., Lindsay, Ont. 3

## Machinery For Sale

### D. FLORENCE & SONS

Bethune St., Peterboro, Ont.

Dealers in Scrap Iron, Metals, Second Machinery, Pipes, etc. 2-24

### For Sale

H.R.T. Boilers.—Two 72" diam. by 18' 0" long. 119—3" tubes, good for 125 lbs. pressure. In first class condition. Gates Engineering Co. Ltd., 314 Notre Dame St. West, Montreal. 3-4

For Sale:—Used Belting, Rails, Blocks and Pulleys. Send us your Scrap Iron and Metal, etc. Highest market prices paid. A. Low and Company, 264 Simcoe St., Peterborough, Ontario. 1-24

### For Sale

Alligator, Rebuilt by West, Peachey & Sons in 1921. Side wheeler, in first-class condition. Apply Schroeder Mills & Timber Co., Pakesley, Ontario. 2-5

### Planer for Sale

No. 27 S. A. Woods 15" x 6" heavy Planer and Matcher, complete, in good running condition. Now running in New Brunswick. Price \$1,300.00 f.o.b. S. A. Woods Machine Co., Boston, Mass. 24-3

### For Sale

Cross Compound Inclined Condensing Engine 24" x 48" x 60" stroke, suitable for 150 lbs. pressure, with shafting and radial paddle wheels. All in first class condition.

The Upper Ottawa Improvement Co.,  
194 Middle Street,  
Ottawa, Ont. 24-4.

### For Sale

Having installed a large Scaper, we are offering our 30" Whitney Scaper complete with knife grinder and two blocks, in first class condition. Apply Hay & Co. Ltd., Woodstock, Ont. 3-4

### For Sale

or will exchange for lumber or a good surface planer—1 second hand 8" Moulder, 1 Eureka Smutter, 1 Power Corn Sheller, 14 Veneer Presses, about 250 ft., No. 101 Reliance Chain with attachments in A1 condition. Write for particulars. Three Villages Building Association, Ltd., Rock Island, Que. 3

### Wickes Gang

GANG: No. 12 Wickes Gang, 40" sash, 15" stroke, steam boiler rolls, front and back in two sections, feed and oscillation combined, 1908 model, and has been in use for five years. We furnish with this gang 11 rolls for cants and stock, one filing machine, and 4 sets of saws.

THE PEMBROKE LUMBER CO.,  
Pembroke, Ont. 1 T.f.

### Engines, Boilers, etc., for Sale

One "Williams" Upright Engine 6" x 6".  
One Upright Engine 5" x 6".  
Six return tubular boilers of following dimensions:—  
One "Butterfield" 72" x 14'-3 1/4" tube—3/8" shell.  
One "Polson" 64" x 14'-3 1/4" tube—1/2" shell.  
One "Doty" 60" x 15'-4" tube—1/2" shell.  
One "Doty" 60" x 15'-4" tube—1/2" shell.  
One "Doty" 60" x 14 1/2'-4" tube—1/2" shell.  
One "Inglis" 60" x 16'-3" tube—1/2" shell.  
One double acting "Northey" Fire Pump, 6" suction, 5" discharge, 14" steam cylinder, 8" water cylinder, 13" stroke, capacity 450 gallons per minute.  
One "Northey" feed pump 6 x 4 x 7" stroke, capacity 60 gallons per minute.  
One brass mill steam whistle.

For further particulars apply The Conger Lumber Co. Limited, Parry Sound, Ontario. 13-E.o.I.-T.f.

## GOOD VALUES

### Subject to Prior Sale

Band resaw, Connell & Dengler, 54" and 60".  
Band rip saw, Yates No. 281.  
Circular resaw, 44".  
E. B. Hayes, Dowel Gluer and Driver.  
Jointers, 16" and 24".  
Jointer, Linderman latest type 6'.  
Matcher, Berlin No. 94.  
Matcher, Sherman Hardwood Flooring End.  
Matcher and Sizer, 30" x 12", American.  
Matcher, Hardwood American No. 229.  
Matcher, 26" x 8", Connell & Dengler.  
Moulder, Woods No. 2 light inside.  
Moulder, Smith 10" four side.  
Moulder, Woods 12" 5 head inside.  
Planers, all sizes single and double.  
Sanders, three drum, 30", 42", 48" and 60".  
Saws, circular, power feed, several makes.  
Timber Sizers, Yates and American.

Woodworking Machinery Co., of Buffalo,  
54 Mechanic St.,  
3-E.o.I.-T.f. Buffalo, N.Y.

### For Sale

Linn Lumber and Logging Tractor. Apply Box No. 60, Canada Lumberman, Toronto. 24 T.f.

### For Sale

Portable saw mill.  
3 block carriages.  
Double edger, boiler and engine.  
A complete equipment. Will sell reasonable and take lumber in exchange.  
Apply: Barrett Bros., 260 Catherine St., Ottawa. 2-5

### For Sale

1 Mitts & Menill Hog,  
2 Factory Hogs,  
1 7" Steam Feed,  
1 Log Haul Up,  
1 Band Resaw Grinder,  
1 Shingle Mill,  
1 Pail & Tub Machinery.  
The C. Beck Manufacturing Co. Limited,  
1-3 Penetanguishene, Ont.

## For Sale

### To Move at Once

### PLANERS and MOULDERS

Berlin	No. 89 x 6" Hardwood Floorer now running	\$1000
Woods	No. 53 x 30" heavy double Box Board Planer	1700
Woods	No. 28 x 8" Hardwood Floorer	600
Woods	No. A1 x 15" Planer and Matcher	400
Woods	No. 110 x 12" heavy inside Moulder	700
Woods	No. 404B x 15" Matcher and Profiler	
Woods	No. 501 Special Hardwood Floorer	
Woods	No. 107 x 15" Moulder	

Prices quoted on request.

A few more at low prices. Write us your requirements.

Machines listed above can be bought as they are, or some rebuilt—write at once for detailed description. Subject to prior sale.

Your opportunity to save. Act now for spring business. Box 116, Canada Lumberman, Toronto. 3-4

## Notice To Sawmill Owners

We are disposing of the machinery, etc., in our sawmills at Waubesa, Ontario, and would be glad to have enquiries for any kind of sawmill machinery. At present time we have unsold:

Band-Saw Mills and Saws.  
Circular Saw Frames and Saws.  
Gang-Saw Machines and Saws.  
Twin Circular Machines and Saws.  
Carriages with and without Steam Set-works for the above Band-Saws and Circulars.  
Steam Feeds for the above Carriages.  
Steam Log-Loaders and Steam Niggers.  
Trimmers and Slash-Tables.  
Lath Mills.  
Automatic Circular Grinders.  
Automatic Gang-Saw Grinders.  
Automatic Band-Saw Grinders.  
Log Haul-ups.  
Engines, Boilers, Shafting, Pulleys, Belting, Lumber Trucks.  
Everything that goes to make up a large sawmill.

This machinery, for the greater part, is of William Hamilton Manufacturing Company make, and is in first class condition and the prices are right.

Enquire from

The Georgian Bay Lumber Co., Ltd.  
3-6 Waubesa, Ontario.



## Situations Wanted

**Position Wanted**—Foreman for Band mill, am also a good sawyer. Assure good results. Box 97, Canada Lumberman, Toronto. 3-5

**Position Wanted**—Band Sawyer with 14 years experience. Best of references. A one nigger man. Box No. 96, Canada Lumberman, Toronto. 3-5

**MAN WITH MILL EXPERIENCE** would like position to hammer and file large circular saws in sawmill for coming season. Box 106, Canada Lumberman, Toronto. 3-6

**LUMBER SALESMAN**—experienced, requires position. Reference and full information by addressing Box 100, Canada Lumberman, Toronto. 3-4

**POSITION WANTED** by experienced lumber buyer in hardwoods, familiar with national rules, first class references. Box 107, Canada Lumberman, Toronto. 3-5

**POSITION WANTED**—as Band Saw Filer in real good Band Mill, any size. Very best of references. Single or Double cut. 22 years experience. Box 115, Canada Lumberman, Toronto. 3-6

**FIRST CLASS BAND SAWYER** wants position on left hand rig, fifteen years experience in all kinds of timber. Can furnish the best of references. Western Ontario or B.C. Box 113, Canada Lumberman, Toronto. 3

**Young Man, 28**, wishes to learn the lumber business preferably the selling end. Has had some selling and several years experience in accounting and office work, any place in Canada. Box No. 71, Canada Lumberman, Toronto. 1-3

**YOUNG MAN, 25**, with two years experience in lumber trade, also three years in accounting and office work, desires position with a progressive lumber firm in Ontario, preferably around Ottawa. Best of references. Box 105, Canada Lumberman, Toronto. 3

**PRACTICAL LUMBERMAN**, thoroughly versed in operating, buying and selling. Hard worker. Well known to trade. Familiar with costs and large operations. Can produce results. Willing to go anywhere. References and bond furnished. Box 103, Canada Lumberman, Toronto. 3-4

**Young, married man, 30 years of age**, wishes position as superintendent with a lumber company, has had 12 years experience in logging and lumbering and understands the business thoroughly, has also had training in industrial efficiency. Can furnish the best of references. Apply Box 91, Canada Lumberman, Toronto. 3-4

**Young man, age 24**, wishes progressive position with lumber firm. Three years experience with lumber manufacturers. Experience in shipping cars and cargoes. Pay-rolls and general office routine. Can operate typewriter. Go anywhere. Apply Box No. 68, Canada Lumberman, Toronto. 2-3

**Situation Wanted**—Married man wishes permanent position Cashier or Book-keeper have had twenty years experience in the Lumber Business, speaks English and French, can furnish Bonds and also best of testimonials, all replies treated confidential. Box 92, Canada Lumberman, Toronto. 2-5

**YOUNG SCOTCHMAN**—Married, abstainer, wishes permanent position as bookkeeper, stenographer and general office man. Have had following experience: Six years' banking, two years' assistant bookkeeper and stenographer, London, England; eight years' lumber office experience; have also general store bookkeeping experience. Apply Box 41, Canada Lumberman, Toronto. 2-3

**POSITION WANTED**—by man capable of taking entire charge of lumber business, Sawmill or Sash and Door Factory, with good selling connections in Montreal, American or export markets. Thoroughly up in Spruce, Pine and Birch grades and some experience in other hardwoods. First class references—Salary according to location and expenses for married man with family—City or Country entertained—Address A. H. Bogart, 124 Notre Dame St., St. Lambert, near Montreal. 3

**Accountant, Office Manager or Secretary**—Treasurer, desires position. A competent man on whom you can place full responsibility. English Canadian, age 36, married. Salary to commence \$2500.00 to \$3000.00 per annum. If you have an opportunity for a conscientious and industrious man, please communicate with Box 98, Canada Lumberman, Toronto. 2-4

**Wanted**—Position as Superintendent, or manager of lumber company. Eighteen years practical experience from stump to market during which time have been with but two large concerns, having held both positions with success. Would entertain subordinate positions with future and prove my ability. Forty years old and married. Unquestionable references as to ability and integrity. Box No. 80, Canada Lumberman, Toronto. 2-3

**Aggressive Young Man** with ability, integrity and 5½ years' valuable experience in Lumber offices, desires permanent position with a progressive concern. Accustomed to handling Correspondence, Orders, Sales and Bookkeeping, and have always given highest satisfaction where employed. Would like to locate with company around Georgian Bay or any place in Northern Ontario. Excellent credentials. All replies treated confidential. Box 90 Canada Lumberman, Toronto. 2-3

## Situations Vacant

**WANTED**—Sawyers, Filers, Setters, Edgermen, Mill Hands. Apply Box 109, Canada Lumberman, Toronto. 3-7

**Wanted**—By one of the best manufacturers of Cypress rough and dressed lumber, Commission Men to sell in Canada. Box 77, Canada Lumberman, Toronto. 2-3

**WANTED**—Capable lath and picket mill foreman, one who is able to take entire charge in every respect. In reply give experience and salary desired. Apply Bishop Lumber Company, Limited, Nesterville, Ontario. 3-5

**SUPERINTENDENT** for a Toronto planning mill and yard. Salary fifty dollars per week to start. If you can produce quality and quantity of work, apply Box 112, Canada Lumberman, Toronto. 3

**WANTED**—Assistant mill foreman for white pine operations. Must have had past experience, know how to efficiently manufacture lumber and also how to repair and maintain machinery. Apply Bishop Lumber Company, Nesterville, stating past experience and salary desired. 3-5

**Wanted for 1st May, 1923**—Captain for tugboat, log towing Gaspé Bay. About 6½ months job. Must be a genuine hustler, as towing will be continuous. No booze fighters considered. Give experience, reference, certificate, age and monthly wage expected. Tugboat 70 feet long and carries coasting certificate. Apply R. S. P. Smyth, Gaspé, P.Q. 2-3

**Wanted, Not Later than the 15th of February, 1923**—Mill Supt., on yearly contract. Band Mill, Shingle Mill and Bark-bing Drum Equipment located Gaspé, P.Q. Must be thoroughly versed in all matters pertaining to steam power, machinery, handling men and to complete building of plant from plans.

Must speak, read and write English. No booze fighters considered. Give experience, reference and salary expected. Apply R. S. P. Smyth, Gaspé, P.Q. 2-3

**Wanted, Not Later than the 15th of March, 1923**—Engineer for Tugboat, thorough mechanic, able to overhaul, put and keep in perfect order machinery of log towing boat in Gaspé Bay. 70 foot, H. and L. pressure cylinders, upright Robb Boiler. Must speak English fluently. About 8 months job. No booze fighters considered. Give experience, references, grade certificate and monthly wage expected. Also 2nd Engineer assistant. Apply R. S. P. Smyth, Gaspé, P.Q. 2-3

## Business Chances

### Wanted

A cedar tie limit in Ontario near river which flows into lakes or Georgian Bay. Apply to Canadian Dealers and Jobbers, Ltd., 140 St. Peter Street, Quebec, Que. 3-6

**A SPLENDID OPENING—OPPORTUNITY IS OFFERED** to a thorough lumberman of executive ability with good active selling and buying connection, to join another lumberman who is well known and connected in the export trade, with a view of starting a wholesale and export business. Advertiser has \$25,000.00 available and would expect associate to be also financially interested. Negotiations strictly confidential. Address Box No. 94, Canada Lumberman, Toronto. 2-5

### Lumbermen

Please send your stock sheets with prices delivered Detroit on hardwood lumber, also customer's contract for mill-cuts to A. H. David, 2626 Taylor Ave., Detroit, Mich. 1-4

### To Wallboard Manufacturers

We are desirous of taking an agency for Great Britain for a well manufactured Wall-board. Frank Rosser, 53 Chorlton St., Manchester, England. 24-5

### For Sale

Heavy portable Sawmill, Locomotive Boiler on wheels, Centre crank, high speed engine and camp outfit for forty men. First class condition. Will take payment in lumber next spring. Hall Bros. Limited, 300 Crown Office Bldg., Toronto. 23-T.f.

### For Sale

Mill and Timber Limits for sale. Timber large proportion Hardwood. Mill twenty thousand capacity. Large cattle and breeding ranch. Will sell with or without ranch. Located in Eastern Ontario. Address Box No. 50, Canada Lumberman, Toronto. 22-T.f.

### Sawmill Wanted

Good mill to cut by the thousand. First contract 1,000,000 feet, spruce at one set. To start immediately or not later than April 1st. Applicants must have good mill with trimmers and understand sawing. Box 74, Canada Lumberman, Toronto. 1-4

### Portable Sawmill Wanted to do Customs Work

The undersigned have two or three full seasons work for a good substantial portable cutting railway ties and lath. For full particulars apply to, Box 117, Canada Lumberman, Toronto. 3

### As Going Concern

Saw and Planing Mill and stock of lumber in good town, stock of logs being taken out, and 5,000 acres of timber (more available). Turn-over \$100,000.00 per year. Strictest investigation will convince you this is a money maker. \$20,000.00 cash, balance arranged. Box No. 72, Canada Lumberman, Toronto. 1-4

### For Sale Cheap

Circular Sawmill, Building and Machinery; Steam Feed, suitable for Ties and Lumber.

### also

Small two-storey Brick Factory, well-located, with or without woodworking machinery. Apply to John Harrison & Sons Co., Limited, Owen Sound. 24 T.f.

### Partnership Wanted

"Lumber Exporter with \$25,000.00 cash, for many years partner and manager of a well known lumber export firm now liquidated, with excellent connections in England and well known in Canada and the United States, would like to form partnership connection with an established and reputable lumber manufacturer, or wholesaler wishing to enlarge their business. Strictly confidential. Full particulars and outline of proposition to be addressed to Post Office Box 284, Montreal." 3-5

### Sash and Door Factory for Sale

Duvernay Street, Montreal.—In the heart of the City, within 100 yards of Lachine Canal and both Railway yards. A two-storey brick encased building, mill construction, containing 21,393 sq. ft. floor space, with 12,000 sq. ft. shed storage space additional. Light on all sides. Sprinkler system throughout. Dry Kiln. Elevators. 2—125 H.P. Leonard H. R.T. Boilers, 150 H.P. Wheelock horizontal steam engine. At present equipped as Sash and Door Factory, but suitable for most any manufacturing purpose. For particulars apply to the Ross Realty Co., Limited, Lewis Building, 17 St. John Street, Montreal. 3

### For Sale

Rixon-Ainslie-Stoddart Sawmill at Owen Sound. Splendid power plant and machinery. Will be sold cheap. Apply Keenan Bros., Ltd., Owen Sound, Ont. 23 T.f.

## Miscellaneous

### For Sale

Steam Barge C. H. Green and Consort John A. Francomb; Capacity; Lumber 1,500-000 ft., Coal; 2100 tons. Detroit Sulphite Transportation Co., 9125 West Jefferson Ave., Detroit, Michigan. 3-4

## LOG HAULERS

### FOR SALE

3 large Lombard Steam Log Haulers.  
1 small Lombard Steam Log Hauler.  
30 pairs Log Hauler Sleds.  
1 large Log Hauler Snow Plow.  
All equipment in good condition.  
Apply to

KELLOGG LUMBER COMPANY,  
24-3 Long Pond, Maine.

### Bird's-Eye Maple is Due to a Parasite

Woodmen and botanists have speculated for a century concerning the cause of those curious marks, known as "bird's-eyes," which occasionally adorn a board of maple wood. The woodsman was inclined to ascribe these marks to the activities of woodpeckers, while the guess of the botanist was that the "bird's-eyes" were the traces of dormant buds or shoots. Research into this subject at the Forest Products Laboratories of Canada (Dominion Forestry Branch) points to the conclusion that "bird's-eye" maple owes its curious and attractive appearance to the action of a minute parasitic fungus which lives in the growing tissues of the tree. If this conclusion is correct, the production of "bird's-eye" maple by artificial means does not appear to be outside the bounds of possibility.

### New Type of Ski is Developed

That the possibilities of the so-called laminated or built-up form of construction for wooden articles are as yet inadequately recognized is pointed out by the Forest Products Laboratories of Canada (Dominion Forestry Branch) Montreal, where investigations in this connection are now in progress. Where the article manufactured requires very high grade material, entirely free from defects, it is obviously easier to secure what is wanted in smaller rather than in larger pieces and the use of several small pieces instead of one large one makes for high quality as well as economy of material.

The laminated ski, recently developed at the Laboratories, is a most interesting example of this type of construction. The adhesive employed and the method of using it are of the first importance a special waterproof glue is used.



# CURRENT LUMBER PRICES—WHOLESALE

## TORONTO

### White Pine

(In Car Load Lots, F.O.B. cars Toronto)

1 x 4/7 Good Strips	\$110.00	\$115.00
1 1/4 & 1 1/2 x 4/7 Good Strips	125.00	130.00
1 x 8 and up Good Sides	150.00	160.00
2 x 4/7 Good Strips	130.00	140.00
1 1/4 & 1 1/2 x 8 and wider Good Sides	185.00	190.00
2 x 8 and wider Good Sides	190.00	200.00
1 in. No. 1, 2 and 3 cuts	75.00	80.00
5/4 and 6/4 No. 1, 2 and 3 cuts	90.00	95.00
2 in. No. 1, 2 and 3 cuts	105.00	110.00
1 x 4 and 5 Mill Run	53.00	54.00
1 x 6 Mill Run	55.00	56.00
1 x 7, 9 and 11 Mill Run	53.00	54.00
1 x 8 Mill Run	56.00	57.00
1 x 10 Mill Run	58.00	60.00
1 x 12 Mill Run	65.00	66.00
5/4 and 6/4 x 5 and up Mill Run	60.00	61.00
2 x 4 Mill Run	54.00	55.00
2 x 6 Mill Run	56.00	57.00
2 x 8 Mill Run	58.00	59.00
2 x 10 Mill Run	60.00	62.00
2 x 12 Mill Run	66.00	68.00
1 in. Mill Run Shorts	33.00	34.00
1 x 4 and up 6/16 No. 1 Mill Culls	31.00	33.00
1 x 10 6/16 No. 1 Mill Culls	38.00	40.00
1 x 12 6/16 No. 1 Mill Culls	38.00	40.00
1 x 4 and up 6/16 No. 2 Mill Culls	25.00	26.00
1 x 10 12 6/16 No. 2 Mill Culls	30.00	32.00
1 x 4 and up 6/16 No. 3 Mill Culls	17.00	18.00

### Red Pine

(In Car Load Lots, F.O.B. Toronto)

1 x 4 and 5 Mill Run	36.00	37.00
1 x 6 Mill Run	38.00	39.00
1 x 8 Mill Run	40.00	41.00
1 x 10 Mill Run	45.00	47.00
2 x 4 Mill Run	38.00	39.00
2 x 6 Mill Run	39.00	40.00
2 x 8 Mill Run	40.00	41.00
2 x 10 Mill Run	44.00	45.00
2 x 12 Mill Run	47.00	48.00
1 in. Clear and Clear Face	75.00	76.00
2 in. Clear and Clear Face	80.00	82.00

### Jack Pine

Mill Run (mill culls and dead culls out)

2 x 4	36.00	38.00
2 x 5, 2 x 6	37.00	38.00
2 x 8	39.00	40.00
2 x 10	42.00	44.00
1 x 4 and wider	34.00	36.00
Mill Culls and Sound Wormy		
1 x 4 and wider	29.00	31.00
2 x 4 and wider	29.00	31.00

### Spruce

Mill Run (mill culls and dead culls out)

1 x 4, and 5	\$ 37.00	\$ 38.00
1 x 6	39.00	41.00
1 x 8	41.00	43.00
1 x 10	44.00	45.00
1 x 12	47.00	48.00
2 x 4	37.00	38.00
2 x 6	38.00	39.00
2 x 8	40.00	41.00
2 x 10	44.00	45.00
2 x 12	48.00	49.00

### Mill Culls

1 x 4 and up No. 1	28.00	30.00
2 x 4 and up No. 1	30.00	31.00

### Hemlock (M R)

(In Car Load Lots, F.O.B. Toronto)

1 x 4 and 5 x 9 to 16 ft.	\$ 29.00	\$ 30.00
1 x 6, 9 to 16 ft.	34.00	36.00
1 x 7, 9 and 11, 9 to 16 ft.	34.00	35.00
1 x 8, 9 to 16 ft.	35.00	36.00
1 x 10 and 12, 9 to 16 ft.	37.00	38.00
2 x 4 to 12, 10 to 16 ft.	35.00	36.00
2 x 4 to 12, 18 ft.	40.00	41.00
2 x 4 to 12, 20 ft.	41.00	42.00
1 in. No. 2, 6 to 16 ft.	25.00	27.00

### Fir Flooring

(In Car Load Lots, F.O.B. Toronto)

Fir flooring, 1 x 3 in. No. 2 and better, edge grain	\$ 78.00
Fir flooring, 1 x 4 in. No. 2 and better, edge grain	75.00
Fir flooring, 1 x 3 in. No. 2 and better, flat grain	59.00
Fir flooring, 1 x 4 in. No. 2 and better, flat grain	62.00
1 x 4 to 12 in. No. 2 and better, clear fir,	

1 1/4 x 4 to 12 in. No. 2 and better, clear fir, rough	90.50
2 x 4 to 12 in. No. 2 and better, clear fir, rough	86.50
3 x 4 to 12 in. No. 2 and better, clear fir, rough	94.50
1 x 4, 5 and 6 in. fir casing	81.75
1 x 8 and 10 in. fir base	86.25
1 1/4 and 1 1/2 8, 10 and 12 in. E. G. Stepping	97.25
1 1/4 and 1 1/2 8, 10 and 12 in. E. G. Stepping	87.25
1 x 4 to 12 in. clear fir dressed 4 sides	80.25
1 1/4 and 1 1/2 x 4 to 12 in. clear fir D4S	84.00
XX Shingles, 6 butts to 2 in. per M.	3.50
XXX Shingles, 6 butts to 2 in. per M.	5.30
XXXXX Shingles, 5 butts to 2 in. per M.	6.03

### Lath

(F.O.B. Mill)

No. 1 White Pine	\$ 11.00
No. 2 White Pine	10.00
No. 3 White Pine	8.00
Mill Run White Pine, 32 in.	4.00
Merchantable Spruce Lath, 4 ft.	7.00

## TORONTO HARDWOOD PRICES

The prices given below are for car loads f.o.b. Toronto, from wholesalers to retailers, and are based on a good percentage of long lengths and good widths, without any wide stock having been sorted out.

### Ash, White

(Dry weight 3,800 lbs. per M. ft.)

	1s & 2s	No. 1 Com.	No. 2 Com.
1"	\$105.00	\$ 70.00	\$ 45.00
1 1/4 and 1 1/2"	115.00	75.00	50.00
2 1/2 and 3"	130.00	90.00	60.00
4"	155.00	100.00	65.00

### Ash, Brown

1"	\$105.00	\$ 60.00	\$ 40.00
1 1/4 and 1 1/2"	110.00	65.00	42.00
2"	120.00	70.00	45.00

### Birch

(Dry weight 4,000 lbs. per M. ft.)

	1s & 2s	Sels.	No. 1 Com.	No. 2 Com.
4/4	\$120.00	\$ 75.00	\$ 50.00	\$ 30.00
5/4	125.00	80.00	50.00	32.00
6/4	125.00	80.00	50.00	32.00
8/4	128.00	87.00	60.00	38.00
12/4	130.00	95.00	65.00	45.00
16/4	135.00	110.00	80.00	50.00

### Basswood

(Dry weight 2,500 lbs. per M. ft.)

	1s & 2s	No. 1 Com.	No. 2 Com.
4/4	\$80.00	\$55.00	\$30.00
5/4 and 6/4	85.00	60.00	35.00
8/4	90.00	60.00	30.00

### Chestnut

(Dry weight 2,800 lbs. per M. ft.)

	1s & 2s	No. 1 Com.	Sound Wormy
1"	\$140.00	\$ 81.00	\$ 37.00
1 1/4 to 1 1/2"	150.00	95.00	39.00
2"	160.00	105.00	40.00

### Maple, Hard

(Dry weight 4,000 lbs. per M. ft.)

	F.A.S.	Sels.	No. 1 Com.	No. 2 Com.
4/4	\$ 90.00	\$70.00	\$50.00	\$30.00
5/4	95.00	75.00	55.00	30.00
6/4	95.00	75.00	55.00	30.00
8/4	100.00	80.00	65.00	35.00
12/4	115.00	90.00	70.00	45.00
16/4	130.00	95.00	80.00	50.00

### Elm, Soft

(Dry weight 3,000 lbs. per M. ft.)

	1s & 2s	No. 1 Com.	No. 2 Com.
4/4	\$ 80.00	\$55.00	\$30.00
8/4	90.00	65.00	35.00
12/4	110.00	80.00	50.00

Gum, Red (Dry weight 3,300 lbs. per M. ft.)				
Plain		Quartered—		
	No. 1	1s & 2s	No. 1	No. 1
	Com.		Com.	Com.
1"	\$115.00	\$72.50	\$125.00	\$ 75.00
1 1/4"	120.00	75.00	130.00	80.00
1 1/2"	120.00	75.00	130.00	80.00
2"	125.00	80.00	135.00	85.00

### Gum, Sap

	1s & 2s	No. 1 Com.
1"	\$ 65.00	\$ 55.00
1 1/4 and 1 1/2"	70.00	58.00
2"	75.00	60.00

### Hickory

(Dry weight 4,500 lbs. per M. ft.)

	1s & 2s	No. 1 Com.
1"	\$125.00	\$70.00
1 1/4"	145.00	70.00
1 1/2"	145.00	75.00
2"	150.00	80.00

### Quarter Cut Red Oak

	1s & 2s	No. 1 Com.
4/4	\$130.00	\$ 85.00
5/4 and 6/4	135.00	90.00
8/4	140.00	95.00

### Plain White and Red Oak

(Plain sawed. Dry weight 4,000 lbs. per M. ft.)

	1s & 2s	No. 1 Com.
4/4	\$125.00	\$ 75.00
5/4 and 6/4	130.00	80.00
8/4	135.00	85.00
10/4	145.00	90.00
12/4	145.00	90.00
16/4	165.00	100.00

### White Oak, Quarter Cut

(Dry weight 4,000 lbs. per M. ft.)

	1s & 2s	No. 1 Com.
4/4	\$145.00	\$ 85.00
5/4 and 6/4	150.00	90.00
8/4	160.00	100.00

## OTTAWA

### Manufacturers' Prices Pine

Good sidings:	
1 in. x 7 in. and up	\$130.00
1 1/4 in. and 1 1/2 in. 8 in. and up	\$165.00
2 in. x 7 in. and up	165.00
No. 2 cuts 2 x 8 in. and up	85.00
Good strips:	
1 in.	110.00
1 1/4 in. and 1 1/2 in.	120.00
2 in.	130.00
Good shorts:	
1 in. x 7 in. and up	100.00
1 in. 4 in. to 6 in.	80.00
1 1/4 in. and 1 1/2 in.	100.00
2 in.	110.00
7 in. to 9 in. A sidings	54.00
No. 1 dressing sidings	70.00
No. 1 dressing strips	62.00
No. 1 dressing shorts	50.00
1 in. x 4 in. s.c. strips	50.00
1 in. x 5 in. s.c. strips	50.00
1 in. x 6 in. s.c. strips	54.00
1 in. x 7 in. s.c. strips	54.00
1 in. x 8 in. s.c. strips, 12 to 16 ft.	55.00
1 in. x 10 in. M.R.	60.00
S.C. sidings, 1 1/2 and 2 in.	62.00
S.C. strips 1 in.	56.00
1 1/4, 1 1/2 and 2 in.	55.00
S.C. shorts, 1 x 4 to 6 in.	40.00
S.C. and bet., shorts, 1 x 5	38.00
S.C. and bet., shorts, 1 x 6	40.00
S.C. shorts, 6-11 ft., 1 x 10 in.	48.00
Box boards:	
1 in. x 4 in. and up, 6 ft.-11 ft.	32.00
1 in. x 3 in. and up, 12 ft.-16 ft.	36.00
Mill cull shorts, 1 in. x 4 in. and	
x 4 in. and up, 12 ft. and up	28.00
Mill culls, strips and sidings, 1	
in. up, 6 ft. to 11 ft.	24.00
O. culls r and w p	21.00

### Red Pine, Log Run

Mill Culls out, 1 in.	34.00
Mill culls out, 1 1/4 in.	34.00
Mill culls out, 1 1/2 in.	34.00
Mill culls out, 2 in.	34.00
Mill Run Spruce	
1 in. x 4 in. and up, 6 ft.-11 ft.	28.00
1 in. x 4 in. and up, 12 ft.-16 ft.	35.00
rough	86.50



# CURRENT LUMBER PRICES—WHOLESALE

1" x 9"-10" and up, 12 ft.-16 ft. . .	43.00
1 1/4" x 7, 8 and 9" up, 12 ft.-16 ft. .	40.00
1 1/4" x 10 and up, 12 ft.-16 ft. . . .	43.00
1 1/2" x 12" x 12" and up, 12'-16'	50.00
Spruce, 1 in. clear fine dressing	
and B . . . . .	65.00
Hemlock, 1 in. cull . . . . .	22.00
Hemlock, 1 in. log run . . . . .	24.00
Hemlock, 2 x 4, 6, 8, 10 12/16 ft. .	30.00
Tamarac . . . . .	25.00
Basswood, log run, dead culls out .	45.00
Basswood, log run, mill culls out .	50.00
Birch, log run . . . . .	60.00
Soft Elm, common and better,	
1, 1 1/2, 2 in. . . . .	58.00
Ash, black, log run . . . . .	62.00
1 x 10 No. 1 barn . . . . .	57.00
1 x 10 No. 2 barn . . . . .	51.00
1 x 8 and 9 No. 2 barn . . . . .	47.00

<b>Lath per M.:</b>	
No. 1 White Pine, 1 1/4 in. x 4 ft. .	11.00
No. 2 White Pine . . . . .	10.00
Mill run White Pine . . . . .	8.00
Spruce, mill run, 1 1/2 in. . . . .	9.00
Red Pine, mill run . . . . .	7.00
Hemlock, mill run . . . . .	6.00

<b>White Cedar Shingles</b>	
XXXX, 18 in. . . . .	7.00
Clear butt 18 in. . . . .	6.00
18 in. XX . . . . .	4.00

## QUEBEC

### White Pine (At Quebec)

	Cts.	Per Cubic Ft.
First class Ottawa waney, 18 in. average according to lineal . .	100	110
19 in. and up average . . . . .	110	120

### Spruce Deals (At Mill)

3 in. unsorted, Quebec, 4 in. to 6 in. wide . . . . .	\$25.00	\$27.00
3 in. unsorted, Quebec, 7 in. to 8 in. wide . . . . .	28.00	30.00
3 in. unsorted, Quebec, 9 in. wide .	35.00	40.00

### Oak (At Quebec)

	Cts.	Per Cubic Ft.
According to average and quality, 55 ft. cube . . . . .	125	130

### Elm (At Quebec)

According to average and quality, 40 to 45 ft. cube . . . . .	130	140
According to average and quality, 30 to 35 ft. . . . .	100	125

### Export Birch Planks (At Mill)

1 to 4 in thick, per M. ft. . . .	\$35.00	\$40.00
-----------------------------------	---------	---------

## ST. JOHN, N.B.

### (From Yards and Mills—Wholesale) Rough Lumber

2x3, 2x4, 3x3, 3x4, Rgh. Merch. Spr. \$25.00	
2x3, 2x4, 3x3, 3x4, Dressed 1 edge..	26.00
2x3, 2x4, 3x3, 3x4, Dressed 4 sides	32.00
2x6, 2x7, 3x5, 4x4, 4x6, all rough . .	26.00
2x8, 3x7, 5x5, 6x6. . . . .	32.00 to 35.00
2x9, 3x8, 6x8, 7x7. . . . .	36.00
2x10, 3x9. . . . .	38.00
2x12, 3x10, 3x12, 8x8 and up . . . .	27.00
Merch. Spr. Bds. Rough, 1x3-4&5	26.00
Merch. Spr. Bds. Rough, 1x7 & up. .	40.00
Refuse Bds., Deals and Setgs. . . . .	20.00
Above Random lengths up to 18-0 long.	
Lengths 19-0 and up \$5.00 extra per M.	
For planing Merch. and Refuse Bds. add \$2.00 per M. to above prices.	
Laths, \$6.00.	

### Shingles

	Per M.
Cedar, Extras . . . . .	\$5.75
Cedar, Clears . . . . .	4.75
Cedar, 2nd Clears . . . . .	3.75
Cedar, Extra No. 1 . . . . .	2.25
Spruce . . . . .	3.25

## SARNIA, ONT.

### White Pine—Fine, Com. and Better

1 x 6 and 8 in . . . . .	\$120.00
1 in., 8 in. and up wide . . . . .	135.00
1 1/4 and 1 1/2 in. and up wide . . . .	180.00
2 in. and up wide . . . . .	180.00

### Cuts and Better

4/4 x 8 and up No. 1 and better . . .	135.00
5/4 and 6/4 and up No. 1 and better .	152.00
8/4 and 8 and up No. 1 and better . .	152.00

### No. 1 Cuts

1 in. 8 in. and up wide . . . . .	115.00
1 1/4 in., 8 in. and up wide . . . . .	125.00
1 1/2 in., 8 in. and up wide . . . . .	125.00
2 in., 8 in. and up wide . . . . .	130.00
2 1/2 in. and 3 in., 8 in. and up wide .	175.00
4 in., 8 in. and up wide . . . . .	185.00

### No. 1 Barn

1 in., 10 to 16 ft. long . . . . .	\$ 75.00	\$ 85.00
1 1/4, 1 1/2 and 2 in., 10/16 ft. . . . .	80.00	85.00
2 1/2 to 3 in., 10/16 ft. . . . .	85.00	100.00

### No. 2 Barn

1 in., 10 to 16 ft. long . . . . .	65.00	75.00
1 1/4, 1 1/2 and 2 in., 10/16 ft. . . . .	66.00	66.00
2 1/2, 1 1/2 and 3 in. . . . .	85.00	85.00

### No. 3 Barn

1 in., 10 to 16 ft. long . . . . .	48.00	55.00
1 1/4, 1 1/2 and 2 in., 10/16 ft. . . . .	50.00	56.00

### Box

1, 1 1/4 and 1 1/2 in., 10/16 ft. . . .	34.00	37.00
---	-------	-------

### Mill Culls

Mill Run Culls—	
1 in., 4 in. and up wide, 6/16 ft. . .	28.00
1 1/4, 1 1/2 and 2 in. . . . .	29.00

## BUFFALO and TONAWANDA

### White Pine

#### Wholesale Selling Price

Uppers, 4/4 . . . . .	\$225.00
Uppers, 5/4 to 8/4 . . . . .	225.00
Uppers, 10/4 to 12/4 . . . . .	250.00
Selects, 4/4 . . . . .	200.00
Selects, 5/4 to 8/4 . . . . .	200.00
Selects, 10/4 to 12/4 . . . . .	225.00
Fine Common, 4/4 . . . . .	165.00
Fine Common, 5/4 . . . . .	180.00
Fine Common, 6/4 . . . . .	180.00
Fine Common, 8/4 . . . . .	180.00
No. 1 Cuts, 4/4 . . . . .	130.00
No. 1 Cuts, 5/4 . . . . .	140.00
No. 1 Cuts, 6/4 . . . . .	150.00
No. 1 Cuts, 8/4 . . . . .	160.00
No. 2 Cuts, 4/4 . . . . .	77.00
No. 2 Cuts, 5/4 . . . . .	107.00
No. 2 Cuts, 6/4 . . . . .	107.00
No. 2 Cuts, 8/4 . . . . .	122.00
No. 3 Cuts, 5/4 . . . . .	65.00
No. 3 Cuts, 6/4 . . . . .	75.00
No. 3 Cuts, 8/4 . . . . .	75.00
Dressing, 4/4 . . . . .	95.00
Dressing, 4/4 x 10 . . . . .	98.00
Dressing, 4/4 x 12 . . . . .	110.00
No. 1 Moulding, 5/4 . . . . .	155.00
No. 1 Moulding 6/4 . . . . .	155.00
No. 1 Moulding 8/4 . . . . .	160.00
No. 2 Moulding, 5/4 . . . . .	125.00
No. 2 Moulding, 6/4 . . . . .	125.00
No. 2 Moulding, 8/4 . . . . .	130.00
No. 1 Barn, 1 x 12 . . . . .	95.00
No. 1 Barn, 1 x 6 and 8 . . . . .	81.00
No. 1 Barn, 1 x 10 . . . . .	85.00
No. 2 Barn, 1 x 6 and 8 . . . . .	67.00
No. 2 Barn, 1 x 10 . . . . .	68.00
No. 2 Barn, 1 x 12 . . . . .	80.00
No. 3 Barn, 1 x 6 and 8 . . . . .	52.00
No. 3 Barn, 1 x 10 . . . . .	54.00
No. 3 Barn, 1 x 12 . . . . .	57.00
No. 1 Box 1 x 6 and 8 . . . . .	45.00
No. 1 Box 1 x 10 . . . . .	46.00
No. 1 Box 1 x 12 . . . . .	48.00
No. 1 Box 1 x 13 and up . . . . .	49.00

## BUFFALO

The following quotations on hardwoods represent the jobber buying price at Buffalo and Tonawanda.

	Sap	Birch
1 in. . . . .	90.00	45.00
5/4 and up . . . . .	100.00	50.00

## Maple

	1s & 2s	No. 1 Com.	No. 2 Com.
1 in. . . . .	\$ 80.00	\$ 52.00	\$ 32.00
5/4 to 8/4 . . . . .	85.00	55.00	32.00
10/4 to 4 in. . . . .	90.00	60.00	32.00

## Soft Elm

1 in. . . . .	70.00	45.00	30.00
5/4 to 2 in. . . . .	75.00	50.00	30.00

## Red Birch

1 in. . . . .	120.00	75.00
5/4 and up . . . . .	125.00	80.00

## Basswood

1 in. . . . .	80.00	50.00
5/4 to 2 in. . . . .	90.00	60.00

## Plain Oak

1 in. . . . .	100.00	60.00
5/4 to 2 in. . . . .	110.00	70.00

## White Ash

1 in. . . . .	90.00	53.00
5/4 to 2 in. . . . .	95.00	57.00
10/4 and up . . . . .	115.00	70.00

## BOSTON

Quotations given below are for highest grades of Michigan and Canadian White Pine and Eastern Canadian Spruce as required in the New England market in car loads.

White Pine Uppers, 1 in. . . . .	\$232.00
White Pine Uppers, 1 1/4, 1 1/2, 2 in. .	232.00
White Pine Uppers, 2 1/2, 3 in. . . . .	250.00
Selects, 1 in. . . . .	207.00
Selects, 1 1/4, 2 in. . . . .	207.00
Selects, 2 1/2, 3 in. . . . .	232.00
Fine Common, 1 in., 30%, 12 in. and up	165.00
Fine Common, 1 x 8 and up . . . . .	165.00
Fine Common, 1 1/4 to 2 in. . . \$165.00	170.00
Fine Common, 2 1/2 and 3 in. . . . .	180.00
Fine Common, 4 in. . . . .	195.00
1 in. Shaky Clear . . . . .	100.00
1 1/4 in. to 2 in. Shaky Clear . . . . .	110.00
1 in. No. 2 Dressing . . . . .	95.00
1 1/4 in. to 2 in. No. 2 Dressing . . . .	95.00
No. 1 Cuts, 1 in. . . . .	122.00
No. 1 Cuts, 1 1/4 to 2 in. . . . \$137.00	142.00
No. 1 Cuts, 2 1/2 to 3 in. . . . .	182.00
No. 2 Cuts, 1 in. . . . .	77.00
No. 2 Cuts, 1 1/4 to 2 in. . . . .	107.00
Barn Boards, No. 1, 1 x 12 . . . . .	105.00
Barn Boards, No. 1, 1 x 10 . . . . .	96.00
Barn Boards, No. 1, 1 x 8 . . . . .	95.00
Barn Boards, No. 2, 1 x 12 . . . . .	80.00
Barn Boards No. 2, 1 x 8 . . . . .	72.00
Barn Boards, No. 2, 1 x 10 . . . . .	73.00
Barn Boards, No. 3, 1 x 12 . . . . .	56.00
Barn Boards, No. 3, 1 x 10 . . . . .	53.00
Barn Boards, No. 3, 1 x 8 . . . . .	50.00

## No. 1 Clear

Can. Spruce, No. 1 and clear, 1 x 4 to 9"	87.00
Can. Spruce, 1 x 10 in. . . . .	89.00
Can. Spruce, No. 1, 1 x 4 to 7 in. . .	87.00
Can. Spruce, No. 1, 1 x 8 and 9 in. . .	92.00
Can. Spruce, No. 1, 1 x 10 in. . . . .	92.00
Can. Spruce, No. 2, 1 x 4 and 5 in. . .	38.00
Can. Spruce, No. 2, 1 x 6 and 7 in. . .	40.00
Can. Spruce, No. 2, 1 x 8 and 9 in. . .	42.00
Can. Spruce, No. 2, 1 x 10 in. . . . .	44.00
Can. Spruce, No. 2, 1 x 12 in. . . . .	45.00
Spruce, 10 in. dimension . . . . .	50.00
Spruce, 9 in. dimension . . . . .	49.00
Spruce, 8 in. dimension . . . . .	46.00
2 x 10 in. random lengths, 8 ft. and up . . . . .	44.00
2 x 12 in. random lengths . . . . .	45.00
2 x 3, 2 x 4, 2 x 6, 2 x 7 . . . . .	33.00
2 x 8, 2 x 9 . . . . .	43.00
All other random lengths, 7 in. and under 8 ft. and up . . . . .	40.00
5 in. and up merchantable boards, 8 ft. ad up, D 1s . . . . .	36.00
1 x 2 . . . . .	35.00
1 x 3 . . . . .	32.00
1 1/2 in. Spruce Lath . . . . .	8.00
1 1/2 in. Spruce Lath . . . . .	7.25

## New Brunswick Cedar Shingles

Extras . . . . .	\$ 6.00	6.50
Clears . . . . .	\$ 5.00	5.50
Second Clears . . . . .		4.00
Clear Whites . . . . .		3.35



# Review of Current Trade Conditions

## Montreal Reports Dry Stocks Scarce and High

Business in Montreal is considerably more active than is usual at this period of the year. Wholesalers state that orders are coming in freely, the difficulty being that stocks of desirable lumber, especially spruce, are hard to secure, some firms have comparatively little to sell, especially of dry stocks. The tendency is distinctly towards a higher range of values, and one wholesaler who has just returned from a trip to the Maritime Provinces states that the manufacturers are talking of a substantial advance in prices.

There is a general feeling of confidence as to the course of trade during the next few months, provided always that prices are not forced up to such an extent that consumers will get out of the market. Undoubtedly the cost of camp operations this season has risen considerably, and that manufacturers will have to advance their prices for the new cut if they are to realise even a small profit on their production.

The demands for American account continues good, with inquiries on a large scale. Some firms have not yet been able to complete orders which have been on their books for a long time owing to the car situation.

Hardwoods are still in good request, and prices remain firm. Reports from the Province are to the effect that the cut of birch will be considerably larger than last year. Many cuts have been sold at substantial increases on last year's figures.

A fair amount is doing in B.C. forest products, but the recent heavy increases in prices are calculated to curtail business, as eastern buyers will switch to substitutes when the quotations are put up to heights which they regard as unreasonable.

In connection with the year's building programme, it is of interest to note that considerable progress is being made with the scheme for spreading construction over the twelve months instead of confining it to what is termed the building season. It is claimed that the present system results in contracts being let at a period when two or three of the best building months have passed, that builders' supplies had to be rushed during a comparatively short time, and that it disorganized employment, in that there was an abundance of work during a portion of the year and very little during the remainder. The result was that men were disinclined to learn trades subject to such fluctuations. The movement, which originated with the Builders' Exchange, is receiving the approval of many large corporations.

## Ottawa Prices Very Firm and Outlook Good

Previous expectations that the new year would show a good volume of business, were justified in the Ottawa lumber market during the closing period of January, when prices remained absolutely firm, and there was a goodly number of new orders received. In addition there were many inquiries, especially from American yards, which point toward further orders.

Taken all around with the exception of the operation of embargoes at American entry points, the situation of the market was unexpectedly good for the season of the year, and showed further promise for the future. The domestic demands were not very heavy, which had been anticipated. The cold weather and the finishing up of construction undertaken last year, were the chief factors contributing to the slackening of the domestic demand.

The immediate, and perhaps the chief concern of Ottawa Valley lumbermen, was the shipping question, due to the operation of the American embargoes. During the third week of the month Ottawa shippers reported that a permit from the American lines had to be secured for practically every shipment, even if it was only one car. The permits to operate through the embargoed points are issued by the American railroads, and are turned over to the Canadian lines, who in turn notify the local freight agent, as to how many cars are available, and how many can be got through.

The question of available stocks for early spring sales attracted some attention, as some wholesalers who are short of stocks began looking around to see what they could buy. In some circles it was thought that there would be another advance over the present prices, before the spring business sets in. In this connection it was reported that some of the local manufacturers had stopped selling and were holding some of these stocks for a further advance in prices.

Woods labor was reported to be only fair and in some instances was reported scarce. This was partly attributed to the recent falls

of snow which provided work for many of the unemployed in the cities where they apparently prefer to remain unemployed, than go out into the woods camps and work.

The general situation from the woods end, was however, very satisfactory and though reports are not yet in, it seems that the log output this season will be considerably increased over that of 1921-22.

Though no figures are yet available, it was estimated, that the sawmill cut of the Ottawa Valley mills during 1922 would be upwards of thirty per cent more than in 1921.

Conditions with the factories and woodworking plants remained the same.

## St. John Logging Costs are Going Up

Recent heavy snow storms demoralized the trade at St. John all along the Coast line of Southern New Brunswick, reaching inland about thirty-five miles. These caused the loggers to slow up in their yarding and in some cases men came out of the woods, refusing to work in the deep snow. This condition increases the expense of logging in the localities in which it exists, but as it does not extend all over New Brunswick, the effects inland will not be so bad as near the coast line sections. The expense of getting logs will be much higher than was anticipated. Man power, foodstuffs and horse feed have all made advances since early fall, and especially does this apply to wages. Taken all around, with the particularly hard winter conditions in Eastern Canada, logging will probably cost at least \$1.50 to \$2.00 per M more than was anticipated in the early fall.

The conditions of rail traffic have not improved to any great extent. A few days ago the embargo against St. John by the New Haven road was lifted. Just how long it will be kept off, remains to be seen. These embargoes are undoubtedly the cause of the deadness in the Boston market, and when the railways are open for traffic west of Boston, improved prices and demand will certainly follow.

The severe winter will hamper the loggers and will not allow of the proposed production of logs for lumber so that in all probability there will not be quite so much lumber as anticipated. Every operator was slow in getting into the woods and the weather has been against fast logging ever since they went in. Some of the small mills in this section are not able to get logs fast enough to keep them going.

Prices show very little change in either the American market or the English. Buyers from the American market are moving about, trying to buy ahead, but manufacturers are very well sold up and refuse to sell at prices offered which are lower than the markets for the future warrant. The English buyers yet hesitate to buy ahead, preferring to await developments on the continent. Until settled conditions arrive, no more purchasing ahead will be made, only a hand-to-mouth trading will take place.

Prices in the Irish market for spruce remain firm for good stocks and specifications.

Freights to Great Britain and Ireland remain unchanged at 70 shillings. No further reductions are obtainable and English buyers seem to expect future advances in freights. Exchange has still advanced which will be helpful to sellers. Local factory business and retail sales have been unimportant caused by the very severe storms since January 1st.

The lath market is weaker, laths being bought around \$4.50 on cars, St. John. The pulpwood trade is also reviving and wood is moving fairly well at better prices.

## Ontario Market for Lumber is Very Promising

Market conditions continue to be promising and orders are coming in freely. It is much easier to sell lumber at the present juncture than it is to procure supplies. The demand is keen in all quarters for Ontario softwoods, and prices are showing a tendency to advance, particularly in hemlock, spruce and in certain of the better grades of white pine. So far as dry stocks and shipping conditions are concerned, these are difficult to locate and most of those who have them, are holding on until they get their figure before parting with the goods.

Reports received from various parts of the province are of an encouraging character in that the weather conditions up to the time





View of Mills in Sarnia.

# BUY THE BEST

Retailers and woodworking establishments who like to get A1 NORWAY and WHITE PINE LUMBER always buy their stocks from us because we can ship them on quick notice. It pays to have the goods, but it pays better to "deliver" them.

We also make a specialty of heavy timbers cut to order any length up to 60 feet from Pine or B. C. Fir.

***"Rush Orders Rushed"***

## Cleveland-Sarnia Sawmills Co., Limited

SARNIA, ONTARIO

B. P. BOLE, Pres.   F. H. GOFF, Vice-Pres.   E. C. BARRE, Gen. Mgr.   W. A. SAURWEIN, Ass't. Mgr.



of writing were almost ideal for bush activities and everything was proceeding on a satisfactory basis.

There is much speculation regarding the trend of prices, and many retailers are buying only sufficient for their spring requirements and not stocking up beyond what they will need for the early spring. There is no doubt some kinds of lumber is going to be quite scarce and higher in price until the new dry stock comes on the scene in June and July. What will happen then will depend very much upon whether the strength of the building situation continues, and just how operating conditions are at sawmill points. A leading wholesaler stated the other day that he was not afraid to buy dry stock at the present time at most any figure and get rid of it, or, for that matter, he would purchase anything which would be in good shipping condition before June. After that he added that he was taking no chances as there were several speculative elements which had to be contended with, such as the labor situation, the building outlook, the increased cut and overseas requisitions.

In the meantime, however, January proved to be a good month with most wholesalers, who report that the outlook is "every day in every way getting better and better." The chief concern is the source of supply rather than the location of customers. Prices continue firm and confidence is reflected on all sides.

In hardwoods there is a good requisition for 6/4 and 10/4 No. 1 common and better birch and maple, and one wholesaler reports that the low ends have been moving more freely than they were a few weeks ago. The car situation has improved a great deal. Prices are holding their own and there are many inquiries for stock. Farmers, portable sawmill men and others who did no cutting last winter, are taking out as many logs as they can during the present season which will add considerably to their supply. The great bulk of shipments in birch, maple, basswood, elm and ash is to the other side of the border; in fact, from 80% to 85% of all the stock sold during the past few months has been in the American market. The Canadian trade has not been buying to any appreciable extent beyond immediate requirements but it is expected that demand will reassert itself in the near future.

It is a little early yet to size up industrial conditions owing to the coal situation, the restlessness of labor in certain quarters, the European problem and other contingencies. On the whole, however, things are looking much better than last year at this period and another month should pretty well establish just what will take place in the industrial arena.

It may be said, however, that the lumber business to-day in Ontario, particularly in softwoods, is in good shape, both present and potentially. Advices from British Columbia are to the effect that few mills have much stock to sell at the present time in the East owing to the excessive demand from the United States, and there will be no large-sized lists from which to make selections until a month or six weeks. Prices have been stiffening on all grades on account of the overseas and American demand.

### The Lath Situation Away Down East

The present lath situation continues to attract the attention and the curiosity of the lumbermen throughout the province, and the question as to whether Uncle Sam is attempting to put over another pulpwood deal on our lumbermen is discussed on all sides, says the Campbellton, N. B. "Graphic." During the fall months very high prices were quoted for laths in the U. S. the result of a decision of the American fire underwriters insisting upon wooden laths being used in the construction of building, the steel ones having proved a menace in fire fighting. Very attractive prices were offered by American buyers on rather one sided contracts similar to the pulp contracts of a few years ago. The lath industry took on unusual activity, some of our mills making arrangements for an all winter cut. We learn now that an embargo has practically been placed on their transportation over American roads and last week a drop of 75 cents was announced followed by another drop of 25 cents to \$4.00. Building in the winter months is not active and with an overload market in April and May the embargo can easily be raised when the Yankees will probably dictate terms to our lumbermen. Let us hope that it is not too late to meet the situation and that even our friends across the border hold five aces they will find Jack Canuck ready to meet them.

### Quebec Timber Exporters Hope For Good Year

The advices received by the Quebec lumber export firms from their agents in the United Kingdom up to the latter part of January are not as bright as might be expected. This is due to the European political situation which seems more complex than ever since the signing of the Armistice in November 1918, on account of the non-settlement of the Near East conference, due to the inexorable at-

titude of the Turks and the French advance into the Ruhr, which has caused a feeling of uneasiness in the capitalistic interests of Great Britain. In the meantime it is surprising to observe the outward calm prevailing in England notwithstanding these chaotic political conditions.

The keenest observers among the United Kingdom agents of the Quebec lumber trade confess in their reports that they are at the present time not able to make a forecast. They say that from the middle of December up to the time of their writing early in January, until the fundamental question of German reparations are settled, no one can make any possible statement. They make it plain that, although the stocks are diminishing, importers depend upon the political situation to restore or diminish confidence, and for that reason the supplies of wood imported in 1923 will not be excessive except that the dark clouds, now obscuring the political horizon, roll by. They make clear in their reports that they do not wish to create a spirit of pessimism but to emphasize the situation as it appears to their vision and judgment.

These advices also point out that, while Great Britain is the only strong market in Europe due to political complications, the feeling is one of precaution in business circles and a strong disinclination to avoid risks which can only be avoided by the utmost caution.

In the meantime it is hoped with a feeling of confidence that the complex situation will change in the course of a month or six weeks, to assure a more decisive spirit of confidence that will remove the tension and will bring about a reaction to encourage and foster a spirit of normalcy.

### Shipments from Quebec in 1922

It will interest the readers of the "Canada Lumberman" to know that, according to statistics furnished by the Customs Department, the exports of planks and boards, square timbers and pulpwood shipped from the port of Quebec from the 1st of April to the end of December 1922, were as follows:—

Planks and boards, spruce,	M. Ft.	17,446	\$547,808
Planks and boards, pine,	M. Ft.	212	21,248
Planks and boards, other,	M. Ft.	3,099	133,639
Timber, square, hardwood,	M. Ft.	1,230	94,162
Timber, square, white pine,	M. Ft.	1,460	161,517
Pulpwood,	Cords	23,189	231,890

### How One Man Sizes up Production and Price

Speaking of conditions in Northern Ontario, a lumberman, who has visited various sections of the province all the way from the Ottawa Valley to the Sudbury district, says that operating conditions in the bush up to the time that he was speaking, the last week in January, have been remarkably good. The streams were frozen solid and there had not been too great a fall of snow. He estimates that the increase in the white pine cut in Northern Ontario this winter will be from 10 to 15% over last year and spruce from 5 to 10% with hemlock about the same proportion. He declares that the output of jack pine will show a decrease all the way from 25 to 50%. Comparatively few are taking out this class of wood this year on account of prices being too low, operators, in some cases not being able to get the cost of production out of the finished product. The supply of men at most points has been very good, but complaints are still heard regarding their efficiency.

There will be an increase in prices this year from \$2.00 to \$6.00 on white pine, so far as the box and better is concerned, and from \$5.00 to \$10.00 on good strips, good sides and No. 1, 2, and 3 cut.

The speaker said that he did not believe that producers would even with this advance make any great profit as operating conditions were more costly than last year, particularly from the wage end. No. 1 and No. 2 white pine culls were showing about \$4.00 advance over last year in the prices being asked by manufacturers for the 1923 cut. In hemlock there was not likely to be much call for No. 2 of which there was a surplus in the country. No. 1, however, was in brisk demand and some producers were asking as high as \$30.00 at the mill and \$25.00 to \$26.00 for merchantable. This is an advance of several dollars over last season.

This lumberman predicted that, spruce, culls out, would sell from \$30.00 to \$32.00, and jack pine \$1.00 to \$2.00 less. This is from \$2.00 to \$4.00 above the figures obtained last season, but it must be remembered that operating costs have been considerably higher. Norway pine, would, it is predicted, bring \$1.00 to \$2.00 over spruce.

"There is much speculation," concluded the speaker, regarding the output and prices for the coming season's cut, and I have only given you my ideas. They may not agree with those of other men who have been visiting the bush, but at any rate things look considerably better for a larger cut and heavier prices during 1923. No one however, wants to see a runaway market or undue advantage taken of the situation if a scarcity in certain widths and thicknesses looms up before the dry stock of 1923 gets into the hands of the retailers and wholesalers.





# THE LINN LOGGING TRACTOR

The Canadian Logger has evidenced his appreciation of the value of the Linn Logging Tractor for log haulage.

This winter the Linn Logging Tractors will be found operating as far East as Newfoundland and as far West as the Port Arthur District, and as far North as Cobalt.

It is our hope that every Canadian Logger will this winter avail himself of the opportunity to see Linn Logging Tractors in operation during the haul.

As Linn Logging Tractors will be in operation this winter within easy reach of every locality in Ontario, Quebec and Newfoundland, any operator will be able to see a Linn Logging Tractor operation without loss of much time from his own operation.

We will gladly supply any interested operators with the name of his nearest neighbor who is using Linn Equipment.

—Logging Department—

## MUSSENS LIMITED

Dubrule Building

Philips Place

Montreal



## Increasing Demand For Coast Products

Demand for British Columbia lumber in the markets of the world was never better. Such is the consensus of opinion of timber exporters, millmen and shippers, and the prediction is freely voiced that 1923 will be a banner year in the history of the industry in this province. Although prices have stiffened considerably during the past two months offerings are being received almost daily from the four quarters of the globe, Vancouver mills are booked for three months ahead and new business is showing for the spring and summer cutting. Following the higher prices for lumber the Japanese demand for cedar squares fell off for a few weeks recently, but it is strengthening and business in rapidly increasing volume is expected from that country. China is buying in greater quantities and is asking for railway ties and railway timbers, particularly for bridge building materials. General orders in parcel lots from China are improving and the Oriental republic is expected to consume a larger percentage of the lumber cut this year, than previously.

## Says All Lumber Buyers are Optimistic

George W. Jones, of Bancroft, Ont., who is a dealer in pulpwood and lumber supplies, states that, owing to considerable difficulty in securing satisfactory bush labor, his cut this season will, probably, not exceed 2,000,000 feet of hardwood and soft lumber. He adds that he will have quite a large production of winter-sawn basswood which he is now manufacturing with two portable mills. He is getting a high percentage of 5/4 clear white F.A.S. in the basswood. Continuing, Mr. Jones says:—"Present indications point to a healthy demand for lumber as I am receiving numerous inquiries by mail. I have also had quite a number of buyers, representing both Canadian and American wholesalers, call on me with a view to contracting for new stock. I may say that practically all of these buyers are optimistic as regards the future, and nearly everyone I have talked to, who is interested in the lumber business, feels that there are better days ahead of us this year. Last year, at this time, the market was practically dead, in this section at any rate. We received hardly any inquiries for stock and lumber buyers were conspicuous by their absence. In view of the healthy demand, and also in view of the fact that operating expenses are higher this year than they were last season, I am of the opinion that prices will substantially improve. Men for the lumber camps have been much harder to secure this year than they were last year, and we have been obliged to increase our wage scale for bush work by about thirty three and a third per cent over the 1922 scale. The only item which has been subject to any reduction is horse feed. It is slightly lower than last season. The total production this year in this section will be considerably larger than it was last, although not as heavy as it was two years ago. I would estimate the probable production of the entire tributary of the C.N. Ry., Trenton to Maynooth division, and the I. B. & O. Ry. as far west as Baptiste, at about twelve million feet."

## Lumber Cut in Ontario was Smaller

According to figures compiled by the Department of Lands and Forests, for Ontario, the total timber cut in the province up until the close of the fiscal year ending October 31, 1922, was much lighter than in 1921. During the period of 1922 over 309,000,000 board feet of lumber was taken from the forests of the province in addition to 289,113 cords of pulpwood.

The area covered by timber operators under license from Department at the end of the fiscal year was 17,289 square miles.

The quantities and variety of timber taken out is as follows: Pine saw logs, 242,832,684 board feet; other logs, 57,311,922 board feet. Boom and dimension logs taken out are as follows: Pine, 4,721,666 board feet; other logs, 2,266,461 board feet; pulpwood, 289,113 cords; railway ties, 1,755,419; cedar posts, 56,525.

Excepting the pulpwood, 309,234,790 board feet of timber were taken from the forest wealth of the province.

A decrease in the number of square miles under operation by timber men is noticed over last year. In 1921, 19,855 square miles were under cut, against the 17,289 miles of this year.

The cut of 1921 was much higher than this year, when in 1921, 408,873,408 board feet were taken out of the forests.

## Shipments of Quebec Pulpwood Slow Up

The shipment of pulpwood from the bases of supply in the district of Quebec to the American paper mills during the months of November and December was quite large in volume, especially in the latter month when there were plenty of cars to facilitate the demand. This demand towards the end of 1922 commenced to slow

up, and with the month of January ceased. The stoppage of shipments is due to the low condition of the rivers in connection with the American mills, especially in the State of New York, which has put an end to the demand for Quebec pulpwood, American buyers advising the dealers here that there is not sufficient water in the rivers in conjunction with the mills to allow grinding.

In consequence of these conditions the American mills are now buying ground wood pulp which has been shipped of late in large quantities from Scandinavian countries to the United States for which it is said the United States mill interests are paying \$40. per ton and upwards. Pulp which could be had last summer for \$22. to \$24. per ton, is now being sold at Quebec, f.o.b. \$35. per ton. This upward trend has naturally caused an increase in the price of newsprint for which there is a bigger demand than ever.

Quebec pulpwood dealers, who have been selling their wood, delivered at the mills, for \$19. per cord, discussing the situation with the "Canada Lumberman's" correspondent, say that the price of wood per cord will rise next summer. They give as a reason that very little of the pulpwood was made last summer and the heft of the cut being made this winter and next spring will be for the Canadian paper mills. They point out that the Canadian mills are increasing their capacity and output and the Quebec pulpwood dealers are certain to receive orders from these mills sufficient to make them independent of the export trade with the United States. They also expect to obtain the same price for their wood as will be offered from the American mills with better satisfaction in measurement and quicker payments.

The Quebec pulpwood dealers do not hesitate to make it known that they feel very much chagrined with some of the American mills who have bought this wood, and when delivered, discriminated against them by their recutting and measurements which, in some instances, they say despoiled them of their profits. For this reason, the Quebec pulpwood interests are pleased at the expansion of the Canadian paper mills and the increase in this capacity for manufacture which will so enlarge the home demand for the sale of their wood and make them more independent of the American markets. This causes them to foretell that the price on pulpwood shipped to the United States will be higher in price next summer and fall.

The Quebec pulpwood men interviewed were asked if the pulp in bulk from Scandinavian countries being shipped to the United States would not lessen and thereby lower the price of Canadian pulpwood shipped to the American mills. They replied in the negative, saying one and one-half cords of wood would make a ton of pulp, and at present price of \$19. per ton for wood delivered at the mills, would bring the cost of pulp made from Canadian wood, allowing for labor in the making, to \$31.50 per ton, which is costing the paper mills not less than \$38. per ton. Of course, they had no positive knowledge of the price of the Scandinavian pulp shipped into and delivered to the United States paper mills in the present. They based their calculation on the price of pulp shipped from Canada at \$35. per ton f.o.b., and as one of the dealers remarked with a sly twinkle in his eye, the mills who took advantage of the Canadian pulpwood delivered to give us the shortage in measurements in settlement of their payments, will have to accept the Scandinavian pulp they purchase on its face value no matter the quantity or the quality, once the sale is made and the goods delivered.

## Kiln Dried as Good as Air Dried

The kiln drying of lumber was the subject of a paper by W. O. Farey, chief chemist of R. W. Hunt & Co., Montreal, at the meeting of the Canadian Railway Club, Montreal, on January 8th.

Mr. Farey described the characteristics of the compartment kiln and the progressive kiln, pointing out that the latter was almost essential where various kilns of lumber were to be treated at the same time, and especially where different sizes were used and different stages of air seasoning had taken place before putting into the kiln. Lumber could not be piled in a progressive kiln the same as it was piled in a compartment kiln with vertical, lateral circulation. For the compartment kiln lumber must be piled endwise so that the stickers would not obstruct the free circulation and form cool pockets in the pile; in the progressive kiln cross piling was almost essential.

Mr. Farey dealt at some length with testing the circulation of air and of temperature, and also described the reasons for checking and case hardening. He also insisted that it was impossible to determine the moisture content of the lumber by peeling the wood, despite the claims of many woodworkers.

A considerable part of the paper was devoted to the method of steaming in remedy strains, checking and case hardening. In Mr. Farey's opinion lumber in general is just as good if properly kiln dried as if air dried; it should be better because on the kiln all factories could be kept under control, whereas in air the temperature and relative humidity was beyond human control and might vary decidedly from time to time.



## The Otis Staples Lumber Co., Ltd.

Wycliffe, B. C.

### Larch and Fir

Dimension

Clears

Boards

Crating

Shiplap

Box Lumber

Edge grain larch flooring a Specialty

### Western White Pine

Clears and Commons

Inquiries handled from our Eastern Office:

1304 Bank of Hamilton Bldg., TORONTO

Phone  
Main 5345

R. G. Chesbro,  
Manager

## CHARLES O. MAUS

Wholesale

### HARDWOOD LUMBER

Rooms 444-446 Farmers' Trust Building  
South Bend, Ind., U. S. of A.

Red  
Sap

GUM

{ Plain  
or  
Quarter cut

Red  
White

OAK

{ Plain  
or  
Quarter cut

All  
grades

CYPRESS

{ All  
thicknesses

"We  
have  
it"

ASH

COTTONWOOD  
CANADIAN BIRCH

"We  
have  
it"

"How about that next car"?—Let's get acquainted

Canadian Representative:

WALTER S. McBEAN, 200 St. Clarens Ave., Toronto, Ont.

PHONE: PARKDALE 1979

## Other Lumbermen are Saving Money---



### Why Don't You?

Hauling costs can be reduced and ARE being reduced by an increasing number of lumbermen every day—with Dominion Trailers.

There is no reason why you cannot accomplish the same results. If you will get in touch with us we shall be only too pleased to show you how your trucks can be made to double and perhaps treble their rated capacity. Write us today.

## Dominion Truck Equipment Co. Limited

TRAILERS  
TRUCK UNITS



HOISTS  
DUMP BODIES

KITCHENER, ONT.





## SPRUCE, rough or dressed LATH AND SHINGLES

*We have facilities for kiln drying*

### THE EAGLE LUMBER CO. LIMITED

Head Office: 90 St. James Street, Montreal, Que.  
Mills at Mont Laurier, Que.; Hebert, Que.; Ste. Marguerite, Que.;  
and Nottaway, Que. Dressing mill at St. Jerome, Que.

Northern Office:  
MIDLAND, ONT.

Southern Office:  
HATTIESBURG, MISS

## Herman H. Hettler Lumber Co.

2601 Elston Avenue, CHICAGO, ILL.

Manufacturers and Dealer

## White Pine, Red Pine and Yellow Pine Lumber and Lath

Excellent Planing Mill Facilities. Prompt Shipments

Crating

Cedar Shingles

## Everything in Spruce

FLOORING  
SIDING  
ROUGH DIMENSION  
LATH

## Campbell, MacLaurin Lumber Co.

Limited

MONTREAL  
Board of Trade  
Building

TORONTO: 320 Roncesvalles Ave.  
C. W. McCabe, Ont. Representative  
Phone Junc. 1598W

## CANADIAN ——— HARDWOODS

complete stock of—

## BIRCH

All Thicknesses — All Grades  
Good Stocks — Prompt Shipments — Satisfaction

## C. A. SPENCER, LIMITED

205 St. James St. — — MONTREAL

## EDGINGS

The office of the McAuliffe Davis Co., Duke St., Ottawa, was burned recently.

The saw and planing mill of A. Root, Smith Falls, Ont. was recently burned.

The Empire Lumber Co., Ltd., Hafford, Sask., has moved their plant to Blaine Lake, Sask.

Ray B. Maxson, of Sound Bend, Ind., was in Toronto recently calling upon the members of the lumber trade.

The sash factory of J. B. Harper, Delorimer St., Hull, Que., was totally destroyed by fire recently entailing a loss of \$10,000.

The saw mill of Herbert Valliers & Son, St. Adrien de Ham, Que., was destroyed by fire recently resulting in a loss of \$10,000.

John Maloney, Limited, Toronto, is a new firm recently incorporated to deal in all kinds of building materials. Capital \$40,000.

William Rutherford, of W. Rutherford & Sons Co., Limited, has been re-elected a member of the Westmount School Commission.

St. Regis Paper Co., of Canada, Limited 11 Place D'Armes, Montreal, expect to start work on a new chemical pulp mill at Godbout, Que., early in the spring.

C. S. Rollins, of Coe Hill, Ont., says that lumber conditions in that part of Hastings township will be about the same as last year. The same mills will be operating with, perhaps, a little larger output.

A. J. Auger, of Auger & Son, Limited, Quebec, was a recent visitor to Montreal. The firm has now a Montreal office at Room 85, 224 St. James St., with S. G. Claxton as representative.

J. R. Booth, Burlington, Vt., of J. R. Booth, Limited, was in Montreal recently on his way East. He was a guest at the weekly luncheon of the Montreal Wholesale Lumber Dealers' Association.

Tenders will be called about the first of February by the Quebec Department of Lands and Forests for the proposed dam to cost approximately \$1,800,000 to be constructed at Lake Kenogami, Que.

The five colonization parishes north of Mont Laurier, P.Q., are asking the C.P.R. to extend the line from Mont Laurier to a point thirty miles beyond. One reason urged for the extension is that it would develop the forest products of the district.

The Buckland Lumber Company's plant at New Westminster, B.C., after being closed for some time, has resumed operations at full capacity. The company is opening up a big tract of timberland at the head of Lake Pitt.

Henry Peladeau, Ltd., Ontario St., Montreal, Que., have installed a complete A-7 hardwood flooring outfit, as manufactured by the P. B. Yates Machine Co., Hamilton. The A-7 produces on hardwood a glossy, soft-finish, clean cut surface without the slightest sign of a knife mark; which is a most desirable result.

J. B. Mackenzie, who is chairman of the Orangeville District of the Ontario Retail Lumber Dealers' Association, was recently elected chairman of the School Board of Georgetown, Ont. This makes the third time that he has been appointed to this important office.

Z. Mageau, M. L. A., who for several years has been Mayor of the town of Sturgeon Falls, has withdrawn from municipal life. His successor, Theo. Legault, was elected by acclamation upon the request of Mr. Mageau who is a very busy man in his extensive lumber operations at Field and his legislative and other duties.

Exports from Northern Ontario to the United States during the year 1922 amounted to \$20,811,076, an increase of \$3,250,000 over last year's figures. H. S. Tewell, American Vice-Councillor at North Bay, says that the increases in the shipments of paper, pulp, pulpwood, lumber and silver bullion account for the greater part of the gains.

Garden River Improvement Co., Limited, Thessalon, Ont., was recently incorporated with provincial charter to build dams, slides, booms and other works necessary to facilitate the driving of timber on the Garden River. Capital \$40,000. One of the incorporators is Charles Nathan Carrey, lumberman, of Thessalon, Ont.

Cant & Kemp, timber brokers, 52 St. Enoch Square, Glasgow, Scotland, announce that they have assumed as partner, James S. Cupples, who has been in their employ for many years. During the whole of his business career Mr. Cupples has been connected with the timber trade and possesses a good knowledge of it in all its branches.



W. N. Belair, vice-president and secretary-treasurer of the Schuster Co., Limited, Belleville, Ont., accompanied by his wife, sailed recently on a trip to the Mediterranean. Mr. and Mrs. Belair will also visit several countries in Europe and the British Isles before returning home.

John Stevely, secretary-treasurer of the Columbia Handle Co., London, Ont., and one of the best-known business men of that city, passed away recently. He was 60 years of age and is survived by his widow, one son and one daughter. Ex-Mayor Samuel Stevely, of London, is a brother.

Diamond & Cook, of Steenburg, Hastings County, Ont., say they are taking out several hundred thousand feet of maple, beech, birch, basswood, ash and hemlock and several thousand hardwood ties. The company are paying a little higher wages than last year and report that production is very good.

The new plant of the Westminster Paper Mills at New Westminster, B.C., is now in operation. Rough grades of tissue are being turned out at the present time and lately the finishing room was put in operation. J. J. Herb is the president of the company and H. M. Lord the secretary-treasurer.

A charter has been granted to the Standeaven Lumber Co., Limited, of London, Ont., with a capital stock of \$40,000. The incorporators are Frank Standeaven, of St. Mary's, Ont.; John A. Newall, and Wm. Switzer, of Blanchard Township, Perth County. The new organization is empowered to carry on the business of timber merchants, logging, lumbering, etc.

The Millwood Lumber Co., Limited, of Sault Ste. Marie, Ont., has been granted a charter with a capital stock of \$40,000, to carry on the business of lumbering, pulp, paper, etc. Among the incorporators are George A. Montgomery, Edgar B. Barber, Ralph R. S. McCormick, Fred. H. J. Herrold, W. J. McCormack and F. W. Acheson, all of Sault Ste. Marie.

According to figures compiled by the Department of Lands and Forests, there was cut in the province of Ontario during the past year 289,113 cords of pulpwood and 309,000,000 feet of lumber. The area covered by timber operators under license from the Department of Lands and Forests at the end of the fiscal year was 17,289 square miles.

Robert Cox & Co., of Liverpool, England, whose Canadian headquarters are in the Hope Building, Ottawa, state that the news item which appeared some time ago in the "Canada Lumberman" to the effect that the entire 1922 cut of pine of J. R. Booth, of Ottawa, had been purchased by another firm, is misleading. Robert Cox & Co. say that, for almost fifty years they have bought half of Mr. Booth's cut of pine and, as usual, purchased their half of the output of 1922.

Fifteen able-bodied men were sentenced to one month's imprisonment by Judge Lachance in the Court of Sessions recently in Quebec City on the charge of vagrancy. When the judge intimated that he would send them to jail for one month, some of them said that they would work if they could find employment. Sentence was deferred and an employer for a lumber camp was sent for. He came to the court house and offered to hire all of them at \$50 a month. They all refused the offer, preferring to go to jail for one month.

The large pulp mill erected by Backus & Brooks at Kenora, Ont., is now about completed. It is expected that it will be in operation by March next. Work will then be commenced on the excavations for the paper mill which is projected early in the spring. Mr. Backus and his associates are spending in the neighborhood of \$2,000,000 in the erection of the pulp mill and the plant for power development. The pulpwood will be cut in the Lake of the Woods district where large reserves are held. It is expected that nearly 200 men will be employed in the groundwood pulp plant.

The Newaygo Co., Limited, of Port Arthur, recently secured the right to cut the pine on Concessions 5, 6 and 9 in Lyon township, District of Thunder Bay. Their tender was \$12.00, plus \$2.50 for pine, 20 cents plus 10 cents for ties and Crown dues (25 cents) for fuel wood. They state that they already own the spruce and balsam on these lands. The company add they will not be conducting any operations this winter and do not expect to go into the lumber business but when they do, they say it will be only to take off the piling and ties. George C. Schneider is head of the Newaygo Company.

It is said that a number of private citizens of Haileybury are investigating upon the advisability of erecting a planing mill by public subscription. It is pointed out there is a big demand for such an enterprise in the district in connection with the extensive rebuilding operations which will be carried on in the way of erection of stores and houses, and the prospects for business are reported very good. The probable location of the new industry will be on the site formerly occupied by the pulpwood robbing plant of the Riordon Company which was destroyed by fire in October last.

## The C. Beck Manufacturing Company PENETANG, ONTARIO

### Manufacturers & Dealers of **WHITE PINE—RED PINE HEMLOCK—LATH**

Planing Mills in Connection—Our Dressing will  
Save You Freight

**TORONTO OFFICE 10 PARLIAMENT STREET**

F. H. Horning M 2170

## McNeil Lumber Co. Limited

416 St. James St., Montreal, Phone Main 996 & 1185

Manufacturers and Wholesalers  
Hard and Softwood Lumber and  
Railway Ties.

B.C. Fir and Cedar Shingles Specialists.

## FOR SALE

5 cars  $5\frac{1}{8} \times 4$ " and wider (chiefly 4") random  
lengths

**Log Run Quebec Spruce**

**Dry Stock**

Write or wire for quotations

**WIGHTMAN LUMBER CO., Limited**

263 St. James St. MONTREAL, CANADA.

## Saw Mill Exhausters

**"By-Pass" Blower Systems are Indestructible**

"By-Pass" exhausters will handle the green sawdust from your saw mill without clogging or trouble of any kind. Material does not pass through or around fan wheel. Fan is not overhung. Three bearings. No heating or shaking. The best and most economical system made today.

We manufacture and install systems complete

Write for information

**Toronto Blower Company**

156 Duke St., Toronto



## ALPHABETICAL INDEX TO ADVERTISERS

Abrams Sons Ltd., John .....	25	Dadson, A. T. ....	8	Imrie Lumber Co., R. ....	35	Rankin-Benedict Co. ....	14
Adams River Lumber Co. ....	25	Department of Lands (Ontario)		International Land & Lumber		Rat Portage Lumber Co. ....	14
Anderson Lumber Co., C. G. ....	12	Disston & Sons, Henry .....	82	Company .....	28	Rideau Lumber Co. ....	21
Anderson, Shreiner & Mawson ..	27	Dominion Belting Co. ....	18	Johnson, A. H. ....	82	Reed & Co. Ltd., Geo. W. ....	89
Apex Lumber Co. ....	22	Dominion Timber Products .....	79	Julien, Roch .....	16	Renfrew Lumber Co. ....	36
Associated Mills Ltd. ....	4	Dominion Wire Rope Co. ....	69			Robertson & Hackett Sawmills,	
Atlantic Lumber Co. ....	31	Dominion Truck Equipment Co. ....	28	Keewatin Lumber Co. ....	8	Limited .....	31
Atlantic Pacific Lumber Co. ....	81	Dudley, Arthur N. ....	70	Kennedy & Sons, Wm. ....	76	Rolland Lumber Co. ....	35
Atkins & Co., E. C. ....	17	Eagle Lumber Co. ....	17	Kinnon Lumber Co. ....	35	Rose-McLaurin Ltd. ....	14
Austin & Nicolson Ltd. ....	31	Eastman Lumber Co. ....	10	Knox Brothers .....	3	Russell Harris Lumber Co. ....	8
		Eaton & Sons, J. R. ....	30			Ryther & Pringle Co. ....	89
Barrand, L. S. ....	22	Eddy Co., E. B. ....	86	Laidlaw Bale Tie Co. ....	13		
Bailey, A. A. ....	71	Edwards & Co. Ltd., W. C. ....	12	Lamontague Limited .....	85	Santerre & Pineau .....	3
Bartram, J. C. ....	12	Elk Fire Brick Co. ....	76	Langlois & Paradis .....	31	Savage & Bartlett .....	13
Bainbridge Lumber Co. Ltd. ....	32	Elmira Machinery & Transmission		Larkin Co., C. A. ....	17	Schroeder Mills & Timber Co. ....	23
Beck Mfg. Co. Ltd., The C. ....	28	Company .....		Larkin Lumber Co. ....	28	Scott, Draper & Co. ....	20
Bell, Geo. W. ....	92	Engineering & Machine Works ..		Leigh Lumber Co. ....	33	Sewall, Jas. W. ....	13
Bennett Lumber Co. Ltd. ....	76	Excelsior Lumber Co. ....	70	Linton Lumber Co. ....	14	Shell-Bar Boico Supply Ltd. ....	79
Beveridge Supply Co. Ltd. ....	28	Fleming & MacLeay .....	12	Lloggie, W. S. ....	13	Shevlin-Clarke Co. ....	6
Big Bear Lumber Co. ....	21	Farnworth & Jardine .....	11	Lloyd, W. Y. ....	80	Shimer Cutter Head Co. ....	
Black Rock Lumber Co. ....	92	Fassett Lumber Co. ....	80	London Concrete Machinery Co. ....	33	Shull Lumber & Shingle Co. ....	18
Brady Machinery Co. ....	16	Fesserton Timber Co. ....	13	Long Bell Lumber Co. ....	33	Shurly Dietrich Co. ....	83
British Columbia Lumber	8	Fletcher Corporation .....	35	Long Lumber Co. ....	90	Shurly Co. Ltd., T. F. ....	1
Commissioner .....	23	Floyd-Esbin Co., Ltd. ....	15	Long Manufacturing Co., E. ....		Simonds Canada Saw Co. ....	38
Brennen, F. W. ....	25	Foley Lumber Co. ....	73	Lumbermen's Indemnity		Smart Turner Machine Co. ....	1
Burchill & Sons, Geo. ....	28	Fraser Bryson Lumber Co. Ltd. ....	89	Exchange .....		Smart, Jas. ....	
Bury & Co., Robert .....	70	Fraser Companies Ltd. ....	89			Smith Foundry Co. ....	82
		Gates Engineering Co. ....	75	McCormack Lumber Co. ....	28	Smith, N. ....	12
Cameron Lumber Co. ....	25	Gartshore, John J. ....	89	McClung, McLellan & Berry ..	21	Stalker, Douglas A. ....	21
Campbell, MacLaurin Lumber	70	General Supply Co. of Canada ..	89	McCuaig & Co., Jas. C. ....	35	Spanish River Lumber Co. ....	24
Company .....	13	Gerlach Co., Peter .....	20	McDonagh Lumber Co. ....	16	Spencer, C. A. ....	70
Canada Foundries & Forgings ..	19	Gidley Boat Co. Ltd. ....	11	McElroy Lumber Co. ....	27	Stack Lumber Co. ....	14
Canadian General Lumber	5	Gillespie, Jas. ....	30	McFadden & Malloy .....	17	Staples Lumber Co., Otis .....	69
Co., Ltd. ....	27	Gillies Bros., Ltd. ....	34	McLennan Lumber Co. ....	77	St. Mary's Wood Specialty Co. ..	12
Canadian Link-Belt Co. ....	89	Goodhue & Co. Ltd., J. L. ....	69	McLaren, Limited, D. K. ....	71	Story Lumber Co. ....	32
Canadian Western Lumber	12	Goodday & Co., H. R. ....	30	McNeill Lumber Co. ....	10	Summers, James R. ....	12
Co., Ltd. ....	32	Gordon & Co., Ltd., Geo. ....	12	McLean Building Reports .....		Sutherland Lumber Company	
Canada Wire & Iron, Goods ....	27	Gloucester Lumber & Trading ..	34	Manufacturers' Lumber Co. ....	8	Limited, A. A. ....	32
Canfield, P. L. ....	12	Grant-Holden-Graham Ltd. ....	69	Mason & Co., Geo. ....	34	Swift Canadian Co. ....	85
Cant & Kemp .....	76	Gordon Lumber Co., A. E. ....	12	Maus Lumber Co., Chas. O. ....	69	Sylvester Mfg. Co., Ltd. ....	72
Carew Lumber Co., John .....	37	Gravel Lumber Co. Ltd. ....	24	Maus, Chas. O. ....	30		
Canadian Holt Co. ....	76	Gregertson Brothers Co. ....	33	Mason, Gordon & Co. ....	80	Terry & Gordon .....	9
Canadian Milk Products .....	37	Green Co., G. Walter .....	67	Mershon, Wm. B. ....	20	Thompson & Heyland Co. ....	20
Canadian Tie & Lumber Co. ....	27	Grier & Sons, G. A. ....	31	Miller Co., W. H. ....	86	Thurston-Flavelle Ltd. ....	22
Chaleurs Bay Mills .....	5	Greig-Morris Co. ....	78	Montreal Locomotive Works ..	12	Timberland Lumber Co. ....	25
Chesbro, R. G. ....	38	Greening Wire Co., B. ....	70	Montreal Lumber Co. ....	30	Timms, Phillips & Co. ....	18
		Gutta Percha & Rubber Ltd. ..	75	Muir & Kirkpatrick .....	10	Toronto Blower Co. ....	71
Clark Bros. ....	6	Hall Bros. ....	32	Murphy Lumber Co., Wm. J. ....	67	Tudhope Anderson Co., Ltd. ....	
Clarke & Sons, Edward .....	65	Hamilton Co., Ltd., Wm. ....	2	Mussens, Limited .....	31	Turner & Sons, J. J. ....	76
Cleveland-Sarnia Sawmills Co. ..	76	Hansen, A. K. ....	21	Musgrave & Co. Ltd. ....			
Climax Manufacturing Co. ....	37	Hardy & Co., E. D. ....	1			U. G. G. Sawmills Ltd. ....	
Coburn Lumber Co. ....	12	Harris Tie & Lumber Co. ....	11	Neville Cooper Co. ....	34	Underhill Lumber Co. ....	18
Coleman Lamp Co. ....	27	Hay, A. H. M. ....	78	Nevison & Brooks .....	10		
Coltart, & Co., Robt. ....	37	Hettler Lumber Co., Herman H. ....	70	New Ontario Colonization Co. ..	32	Vanatter & Ham .....	
Crane, Limited .....	83	Hocken Lumber Co. Ltd. ....	4	Northern Pacific Logging Co. ..	18	Vancouver Lumber Co., Ltd. ....	18-29
		Hoe & Co., R. ....	74			Victoria Harbor Lumber Co. Ltd. ....	17
Davies Co., Wm. ....	83	Hotel Tuller .....	80	O'Brien Limited .....	34		
D'Auteuil Lumber Co. ....	8	Howland, H. S. ....	80	Oliver Lumber Co. ....	34	Waterous Engine Works Co.,	
		Hunter Lumber Co. ....		Otis Staples Lumber Co. Ltd. ....	69	Limited .....	91
						Watson & Todd .....	10
						Westminster Mill Co. ....	18
						West Peachey & Sons .....	79
						Wightman Lumber Co. ....	71
						Williams, D. ....	
						Wilson Bros. ....	20
						Wistar, Underhill & Nixon ....	16
						Woods Mfg. Co., Ltd. ....	74
						Yates Machine Co., P. B. ....	
						York Belting Co. ....	12

## Sylvester Hand Car Engines Will Change Your Hand Cars into Motor Cars



A Logging Camp is not complete without one or more. Backed by years of successful Railway Service.

**JUST THE THING FOR TRANSPORTING MEN AND DOING LIGHT HAULING**  
The old hand car is slow, expensive to operate and entirely out of date. Sylvester equipped cars will pay for themselves in a short time. Use them to transport your men and do your light hauling. You will be surprised at the amount of work they will do.

WE MANUFACTURE

Hand Car Engines.  
Section Hand Cars.  
Gasoline and Oil Pumping Engines.

Motor Cars built for Engine Drive.  
Push Cars or Trailers.

*Write for our Prices and Catalogue.*

**Sylvester Manufacturing Company, Limited**  
LINDSAY ONTARIO

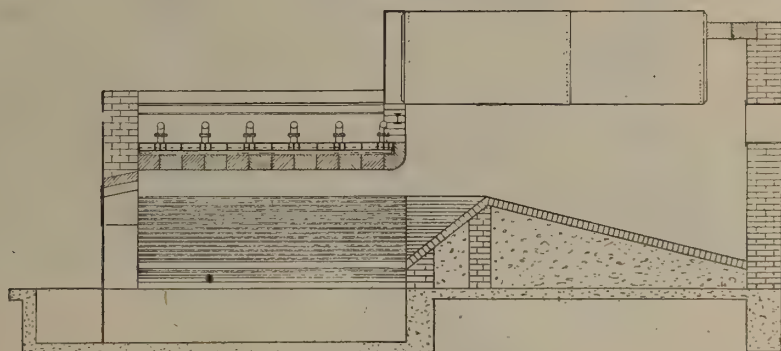


# Gates Furnace

## For Burning Sawdust and Hog Fuel

Gates Engineering Co. Ltd., 314 Notre Dame St. W.  
Montreal

*Will burn tan bark, hog fuel and sawdust efficiently, with up to 60% moisture*



Gates Air Cooled Suspended Arches

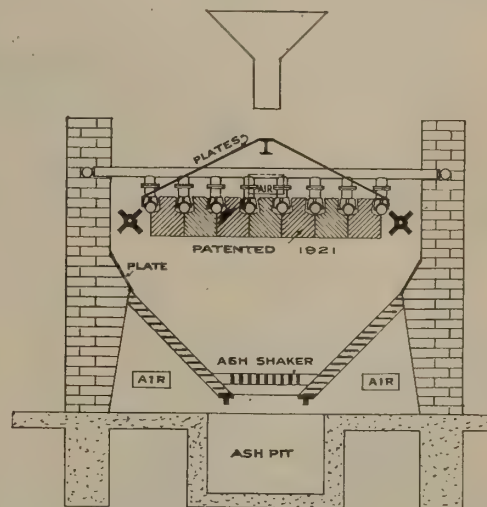
Boiler Door Arches and Jambs

The Water or Air cooled Suspension Arch, suspended over a furnace built with incline grates, to prevent the coning of sawdust and refuse material, combined with the automatic feed and drying chamber suspended directly over arch, absorbing the heat from arch roof which removes the required percentage of moisture from the material to be burned.

Note that fuel is partly dried before receiving air while passing over dry plate chamber at the lower edges, thence into combustion chamber space over the fuel bed. All ash is removed by stoking grate at the bottom of furnace.

All fuel sliding down the incline grates comes in contact with a special draft action, owing to the horizontal air spacing, through the incline grates on either side, the draft currents arrive at a focus of combustion in the centre of the furnace, causing the gases and flame to meet and roll towards the edges of dry plates, thus increasing the drying capacity, and thoroughly drying tan bark or fuel which is being burnt.

The blocks in these arches are supported independently of the other, allowing any one brick to be removed and replaced without disturbing any other portion of arch.



**We specialize in Boiler Settings and Furnace Brickwork and give the benefit of (30) thirty years' experience. Ready to go anywhere to build new Boiler Settings and overhaul and Reset old Boilers and build Furnaces.**

# Gates Engineering Company Limited

J. W. Gates, General Manager

314 Notre Dame St. West - Montreal, Can.

Phone Main 662, Melrose 367

COUPON

Send us Type and Horse Power of Boilers, and we will quote you on Furnace to suit your requirements

Name .....

Address .....



# GENUINE HOE SAWS

Circular Saws of  
Superior Quality and  
Finish for Every  
Purpose



Backed by Ninety-  
Four Years Manufact-  
uring Experience  
and a Guarantee of  
Absolute Satisfaction

**R. HOE & CO., NEW YORK**  
AMERICA'S OLDEST SAW MANUFACTURERS

## Mackinaw Clothing

Sweaters Overalls  
Pants etc.

In stock for im-  
mediate delivery.  
Always a complete  
assortment.

Write for Catalogue and Prices

**Woods Manufacturing Co., Ltd.**

Montreal  
Welland

**Ottawa**

Toronto  
Winnipeg



Woods Reliable "Boss of The Road" Overalls are wonderfully well made. Heavy Duck — Khaki — Green — Olive — Black and Blue.



# Beardmore Extra Quality Waterproof Cement Leather Belting



*For the Wet  
Place*

Tell us your belting troubles  
and we can help you.

**The General Supply Company of Canada, Limited**

OTTAWA MONTREAL TORONTO NORTH BAY MONCTON WINNIPEG VANCOUVER

*Large stocks available for immediate shipment*



## Rubber Goods FOR LUMBERMEN

**Belting** Our long experience in the making of Rubber Belts enables us to specialize on this line. "P. M. S.," "Special Drive" and "Lion" are our leading brands for power transmission.

**Packings** "Redstone" High Pressure Sheet Packing has proved by test that it will outlast any other similar packing on the market. We make Spiral and Ring Packings, etc., that are equally reliable.

**Hose** for Steam, Water, etc., in various grades, made especially to give satisfactory and economical service under different conditions.

**Fire Hose** One or more of our twenty brands of Fire Hose will be found, not only in the best equipped Factories, Mills, etc., but in almost every Fire Department in the Dominion.

**Rubber Footwear** We make a complete line of Lumbermen's boots. For over 25 years, our Maltese Cross Brand has been the leading line in Canada. Make sure you get this old dependable brand.

**Gutta Percha & Rubber, Limited**

TORONTO HALIFAX MONTREAL OTTAWA HAMILTON LONDON FORT WILLIAM WINNIPEG REGINA  
SASKATOON EDMONTON CALGARY LETHBRIDGE VANCOUVER VICTORIA





## Horse Blankets

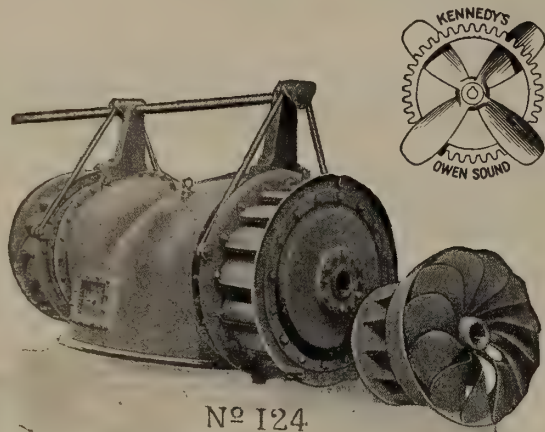
Robes, Hessian Ticks, Camp Blankets, Tarpaulins, Feed Bags, Tents, Pack Bags, Lunch Bags, Tumplines, Eider-down Robes,

**Guaranteed Non-Sag Snow Shoes and Toboggans**

are now in demand and can be supplied promptly.

**J. J. Turner & Sons, Ltd.**  
PETERBOROUGH, ONT.

## KENNEDY WATER POWER PLANT MACHINERY



Soundly designed, carefully constructed turbines for every water power plant requirement. Special designs built to engineer's drawings and specifications.

**The Wm. Kennedy & Sons**  
OWEN SOUND ONTARIO LIMITED

District Representatives

M. B. SAUNDERS,  
8 Silver Street, Cobalt  
Phone Cobalt 163

H. C. KENNEDY,  
232 St. James St., Montreal.  
Phone Main 394

## Wanted at Once

100 to 200 M ft. of 2 x 4 to 2 x 12-10/20 ft. merchantable hemlock—Also the same quantity of good mill run Jack pine. Mill culls out in 2", 3" and 4" thicknesses. State lowest prices and full particulars as to quantity, sizes and if trimmed or not.

## EXCELSIOR LUMBER CO.

Address 33 Richmond St., Toronto Phone M. 3551

## Saw Mill Machinery for Disposal from the Plants of the Davison Lumber & Manufacturing Co., Bridgewater & Springfield, N.S.

- 1—Giddings & Lewis 8' Band Mill with Allis-Chalmers Carriage Steam Feed Cylinder 11" x 54' complete with all equipments.
  - 1—Giddings & Lewis 6' Band Mill with New Waterous Carriage Steam Feed Cylinder 9" x 48' complete with all equipment.
  - 1—Giddings & Lewis 6' Horizontal Band Resaw.
  - 2—84" Diamond Iron Works 14 Saw Edgers.
  - 1—Harmon 13 Saw Gang Trimmer with pneumatic control to each saw.
  - 1—Diamond Iron Works Gang Saw.
  - 1—Hamilton-Kendall Circular Gang Saw.
  - 1—Diamond Iron Works Five Saw Lath Bolter.
  - 1—Diamond Iron Works Four Saw Lath Machine.
  - 1—Diamond Iron Works Two Saw Adjustable Lath Butt Trimmer with power feed.
  - 1—No. 1½ Hill Steam Driven Drag Saw.
  - 1—Hill 12" x 24" Vertical Steam Driven Cord Wood Splitter.
  - 1—Appleton Belt driven horizontal cordwood splitter.
  - 1—Diamond Iron Works Heavy Type Friction Log Haul-up.
  - 1—18" x 10" x 12" Worthington Duplex Brass Fitted Underwriters Fire Pump Cap 1000 Gallons per minute.
- FILING ROOM MACHINERY AND EQUIPMENT** consisting of Band, Circular and Gang Sharpeners, Re-Toothers, Shears, Anvils, Brazing and Filing Clamps.
- STEAM DECK EQUIPMENT** consisting of Steam Niggers, Kickers, Loaders, Gang Skids.
- PLANNER**—1 practically new, Yates No. 10, 30" x 10" Planer and Sizer with side Head Grinder.
- All the above for immediate disposal at low prices. Write or Wire for full particulars.

**Fleming & MacLeay, Agents**  
Bridgewater, N.S.

## CLIMAX GEARED LOCOMOTIVES ARE BUILT FROM 12 TO 90 TONS



Get  
Catalogue  
"K"

CLIMAX MANUFACTURING Co., CORRY, PA.  
CLIMAX LOCOMOTIVE CO., 67 COLUMBIA ST., SEATTLE, WASH.  
VANCOUVER MACHINERY DEPOT, LTD., VANCOUVER, B.C.



## PLIBRICO Jointless Fire Brick

For your Spring repairs. Your own men can reline your boiler Furnaces, Dutch-ovens and Wood-burners, and so prevent extended shut-downs. Our book "Modern Furnace Building" shows how!—Sent with each trial drum.

**BEVERIDGE SUPPLY CO. Limited**  
628-630 St. Paul St. West, MONTREAL, P. Q.



# PERFECT POWER



***“Belting trouble ends  
where D.K. McLaren’s  
Belting begins”***

**T**HE experienced mill owner knows that the cost of a belt is not determined by the price tag, but by the maintenance costs during the time the belt is in service.

If there is undue slippage or friction, or if breakdowns occur, these expenses must be charged to the belt. How futile then to buy an inferior belt just because it is a few dollars cheaper. When money is saved in this way, it is invariably paid out again with interest during the first few weeks run.

When you purchase D. K. McLAREN'S Genuine British Oak-Tanned LEATHER BELTING a different story is told.

Here you have a belt made only from the back portions of selected hides subjected to the genuine British Oak Tanning process—a slow and expensive process, but one that not only adds to the original toughness of the hide but imparts that wonderful flexibility and “stretchless quality” that means “trouble free” service.

## **D. K. McLAREN LIMITED**

**Head Office & Factory: 351 St. James St. Montreal**

### ***Look for the Oak Leaf***

Only after every inch of belting has passed the severest tests is this Oak Leaf stamped upon it.

#### **Stock Depot**

Calgary, Alta. Gormans Ltd.  
Edmonton, Alta. Gormans Ltd.  
Vancouver, B.C. Gormans Ltd., 1158 Homer St.

#### **Branches**

Toronto, Ont., 194 King St., West.  
St. John, N.B. 90 Germain St.



# General Produce and Lumbermen's Supplies

Blankets,  
Tents,  
Oil Clothing  
and  
Camp  
Supplies  
of all  
Kinds

We are prepared to handle your supplies in any quantities and have particularly good facilities for shipping carload lots. These include our own railway sidings, and deep water wharfage facilities.

## PUBLIC WAREHOUSING

All classes of general merchandise handled in transit or for storage. Our location enables us to give assurance of excellent service. You will find our charges reasonable.

**A. H. M. HAY, Quebec City** Phone 5311  
Residence 6383

Hay  
Oats  
Peas  
Beans  
Potatoes  
Flour  
Pork,  
Lard,  
etc.

# The Ideal Edger for Light Mills

## Specifications

Our new Double Edger is built on entirely new lines, and possesses many features that commend it to mill men. The saving in material alone will soon pay for the machine. The output of a mill with this machine can be increased by one-third. It is best adapted for medium-sized or portable mills that cut from 5,000 to 25,000 feet of lumber per day.

**SAWS**—This Edger is fitted with either two or three saws as required. The saws are 16 in. in diameter, and 10 in. gauge. The greatest distance between saws is:—Two saw machines, 24 in.; three saw machine, 20 in., the least distance between saws, 2 in.

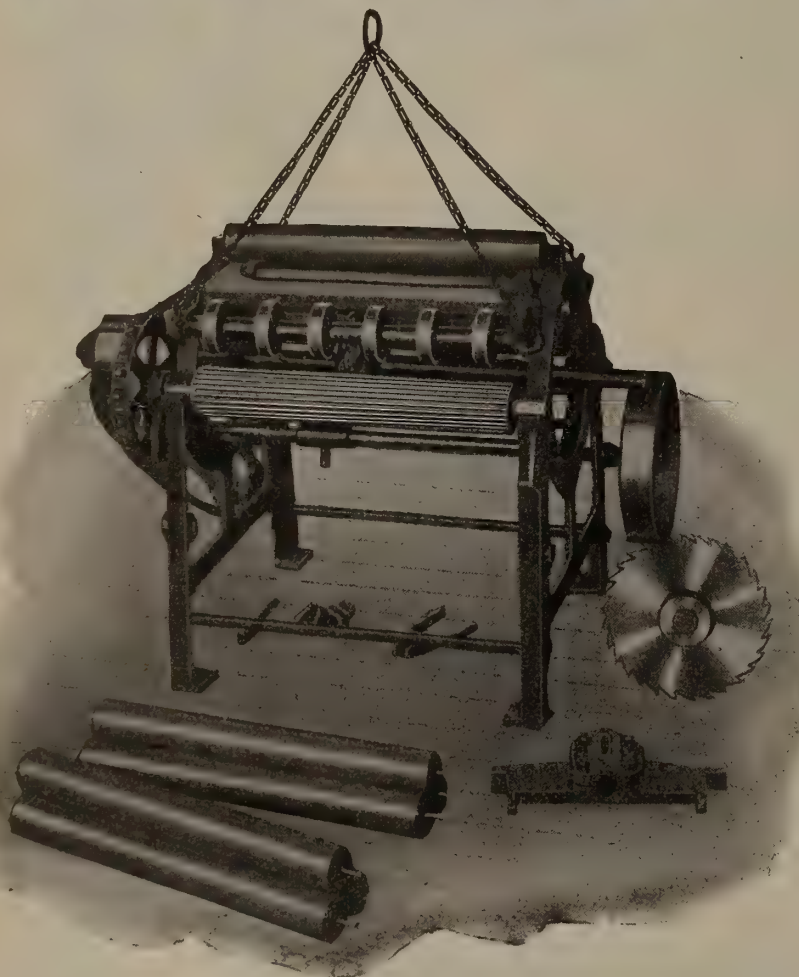
**DRIVE PULLEY**—The Drive Pulley is 9 in. x 9 in., affording a good belt grip, and is supported by an outside bearing.

**SAW ARBOR**—The Saw Arbor is made of 2½ in. steel, and has very wide bearings.

*For Shingle, Lath and Portable Saw Mill Machinery  
write the well known manufacturers*

**The G. Walter Green Co.**  
Limited  
PETERBOROUGH, ONT.

*Send for Catalogue*



## "FIRE ME"

said a progressive salesman to the Manager. "I am costing the House too much. I am spending so much of my time explaining to prospective customers who I am, who my House is, what my goods are, and why they are worth buying, that I don't have much time left for selling. Do all this preliminary work for me by means of effective advertising before I reach the lumberman. It can be done better and cheaper this way than I can ever hope to do it."

# Canada Lumberman

The wise manufacturer uses The Canada Lumberman not only to save his salesmen time but also to save the time of the Jobbers' salesmen.

The "open door" to the lumber industry is the Canada Lumberman which for years has earned and held the confidence of advertiser and buyer.



# Pink's Lumbering Tools

The Standard Tools in every province of the Dominion, New Zealand, Australia, etc.  
We manufacture all kinds of lumber tools. Light and Durable.

Long Distance Phone, No. 87

Send for Catalogue and Price List.

Sold throughout the Dominion by all Wholesale and Retail Hardware Merchants.

## The Thomas Pink Company, Limited

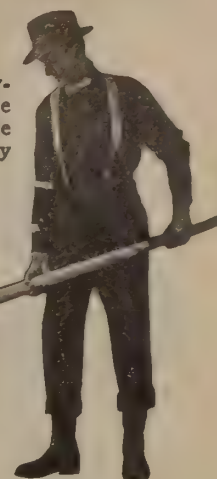
*Manufacturers of Lumber Tools*

PEMBROKE

ONTARIO

It's a Pink any-  
way you take  
it and it's the  
best Peavey  
made.

MADE IN  
CANADA



*Not altogether what we say,  
but what users say*

"We have used the Alligator or Warping Tug manufactured by you for the last 7 or 8 years, and consider them indispensable to lumbermen on waters of French River or similar streams."

Will move a bag containing 60,000 logs,  
in calm weather, 30,000 in a head wind.

**West, Peachey & Sons** Simcoe, Ont.

## FIRE WALLS ARCHES BRIDGE WALLS

Would you use bricks, half bricks and fire clay for repairs when one solid brick would do the work? PLIBRICO comes in plastic form and when baked out is a brick of the required size without joints. Skilled labor not necessary in installing.

Write us for estimates and for copy of book on "MODERN FURNACE BUILDING."

Manufacturers of "BOICO" feed water treatment and  
**SHELL-BAR GRATES**  
and

Dealers in Tip It Welding Compound, Nox-Aer-Leek, Ever-jet Paint, Gaskets and Packing and every ENGINE ROOM NECESSITY.

## SHELL-BAR, BOICO SUPPLY, LIMITED

Phone Parkdale 2470 — 1-15 Saunders Avenue  
TORONTO



**Wire Rope, Special Alligator Ropes, with  
proper Attachments. Saw Carriage Ropes.  
Haulage Ropes. Wire Rope Fittings.**

IMMEDIATE SHIPMENT

## The Dominion Wire Rope Co.

LIMITED

Head Office: MONTREAL

Stocks also at: TORONTO, WINNIPEG



## Samson Axe Handles



Extra selected, thoroughly seasoned, second-growth hickory; highest grade; wax finish highly polished; correct in shape, well balanced and carefully finished. Each handle bears our "SAMSON" label, and is wrapped in separate paper bag.

*Fully Guaranteed*

We carry a full line of Lumberman's supplies and camp requirements.

Write us for information

**H. S. Howland Sons & Co., Limited**  
Wholesale Hardware  
TORONTO

## Special Notice

We have purchased all the

# AXES

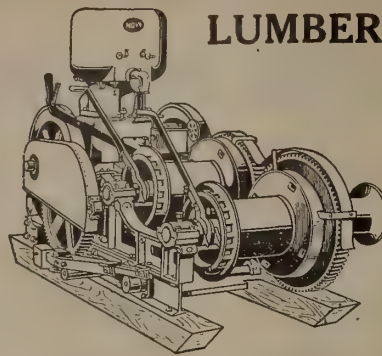
of the

**National Farming Machinery Co., Ltd.**  
of Montmagny, Que.

Can quote very low prices

*Write us for lists and catalogues*

**Floyd-Esbin Co., Limited**  
611 Canada Cement Building - Montreal



## LUMBER, TIMBER and LOGS

should be handled with modern machinery to keep down labor costs.

We manufacture Gasoline and Electrical Drive Hoisting Engines in sizes from 3 to 40 H.P. and in designs to meet every requirement of the Lumbering and Logging Industry. Catalogue and prices on request.

**Made in Canada.**

We manufacture Concrete Mixers, Hoists, Air Compressors, Pumps, Brick, Block and Tile Machines, Barrows, Carts, Silo Moulds, Ornamental Moulds and Tools.

**London Concrete Machinery Company, Ltd.**

Dept. T. London, Canada

World's Largest Manufacturers of Concrete Machinery.

# MERSHON

**BAND RESAWS**  
A SPECIALTY - NOT A SIDE LINE

## SIMPLEST and BEST

**Wm. B. Mershon & Company**  
Saginaw, Michigan, U.S.A.

## QUICK ACTION

Can be assured if you will let the CANADA LUMBERMAN "Wanted and For Sale" department take care of your miscellaneous business needs.

We receive constant testimony from advertisers as to the value they have received from this far-reaching and inexpensive method of publicity in the lumber trade and allied industries.

Try these columns. The result will surprise you.

**CANADA LUMBERMAN**  
347 Adelaide St. West - - - TORONTO



# ATKINS

## STERLING QUALITY SAWS

**As Demand Con-  
tinues to Increase**

**It will not benefit you--**

unless your mill is equipped with the right kind of Saws, Saw Tools and Machine Knives.

Now, there is only one best brand to buy; it bears the name

**ATKINS**

Specify your Saws, Saw Tools and Machine Knives by name. Say "ATKINS." Costs no more in the beginning and saves you money in the long run.

Leading manufacturers of Saws, Saw Tools and Machine Knives, also Atkins-Coleman Feed Rollers. Use Acrolite and Ferro-lite Wheels for your saw gumming and knife grinding. Increase your belt efficiency by using Cantol Belt Wax.

**E. C. ATKINS & CO.**

Established 1857      The Sterling Quality Saw People

Canadian Factory, HAMILTON, Ontario

Branch carrying complete stock, VANCOUVER, B. C.



**MADE IN CANADA**



## JOHNSON'S Veterinary Remedies

are the surest, the most economical and the best medicines with which to equip your stables. They have been on the market for thirty years and still retain their superiority over all others.

The quality never varies, it is our first consideration. Prices in effect at the present time are as follows:

Johnson's Horse Liniment No. 1	Per Gal.	\$7.00
Johnson's Horse Liniment No. 1	Quarts, Per Doz.	19.00
Johnson's Horse Liniment No. 1	Pints, Per Doz.	10.00
Johnson's Horse Colic Remedy	Per Gal.	12.50
Johnson's Horse Colic Remedy	Quarts (8 Doses each)	Doz. 30.00
Johnson's Horse Colic Remedy	Pints (4 Doses each)	Doz. 15.00
Johnson's Veterinary Healing Ointment (Gall Cure)		
2 lb Tins	each 2.25	Doz. 24.00
1/4 lb. Tins	Per Doz.	4.00
Johnson's Concentrated Condition Powders, 1 lb. Pkgs.	Doz.	6.50
Johnson's Condition Powder, No. 2	Doz.	3.00
Johnson's Horse Worm Powders	Pkgs. Per Doz.	8.00
Johnson's Purging Balls	Per Doz.	4.00
Johnson's Cough & Heave Powders	Per Doz.	4.50
Johnson's Antiseptic Dusting Powder		
(For Drying and Healing Sores, Proud Flesh, etc.)	Per Doz.	8.00
"Kreoline," antiseptic, deodorizing	Per Gal. Tin	1.90

Our Family and Van Remedies are as follows:—

Pine and Tar Cough Syrup	Big 4 Liniment—Mosquito Oil
Purgative Pills	X Ray Liniment
Little Liver Pills	Cholerine Mixture (Diarrhoea)
Porous Plasters	Headache Powders
Stomach Bitters	Sarsaparilla
Laxative Cold Tablets	All Healing White Ointment

All Drugs and Patent Medicines at Market Prices.

Mail orders solicited — Prompt shipments made.

**A. H. JOHNSON** WHOLESALE DRUGGIST  
Collingwood, Ontario

*Sole Manufacturers of the Celebrated*

## "MAPLE LEAF" BRAND Stitched Cotton Duck Belting

**Strong Durable Economical True Running**

*Specially adapted for use in Lumber Mills*



We have a good stock of well seasoned belting on hand, and would be pleased to receive your orders. Ask your Superintendent what he requires. The best is the cheapest.

## MAPLE LEAF BELT DRESSING

The Best for all Kinds of Belts

WRITE FOR SAMPLES AND PRICES

Quebec Branch: 51 Duluth Building, MONTREAL

**DOMINION BELTING CO.**

LIMITED  
HAMILTON ONTARIO CANADA

# HORIZONTAL SAW GRINDER

## The "BATT"

**The Latest and Best  
Grinder  
for Circular Saws**

The very latest horizontal grinder, built to grind properly any kind of ordinary saw, such as:

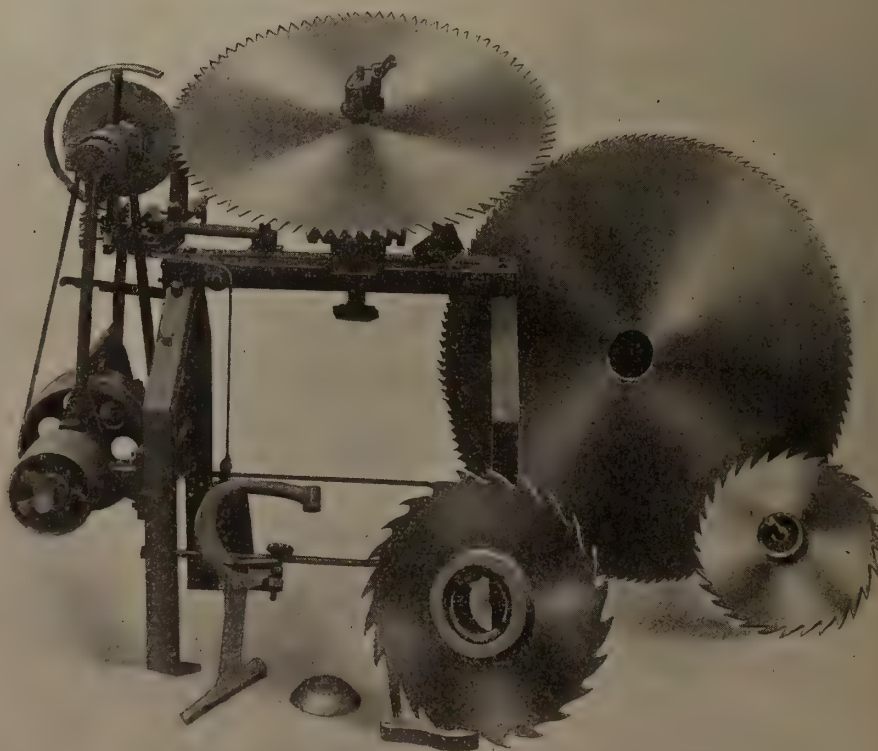
Shingle Saw on collar Cut-off saw.  
Lath Saw Rotary Saw  
Edger Saw on collar All kinds of factory saws

The construction permits of a wide range of bevel, and a semi-automatic attachment makes all teeth the same.

The pulleys supplied allow two speeds on Emery Wheel with a variation of about 300 R.P.M.

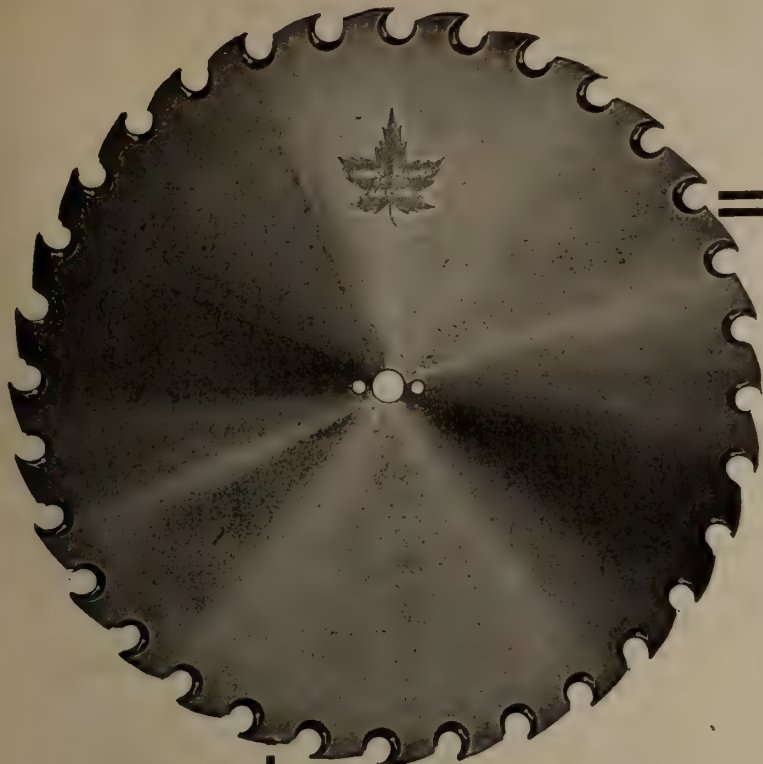
Floor space, 3 ft. x 4 ft.

Weight, 350 lbs.



**The Smith Foundry Co., Ltd.**  
Fredericton, N.B.





## Maple Leaf SAWS

The extra-refined Razor Steel, of which Maple Leaf Saws are made, is tempered by our own secret process. A keener edge is thus attained and the life of the saw greatly lengthened. Maple Leaf Saws will increase the output of your men.

**Shurley-Dietrich Co. Ltd., Galt, Can.**

Branch at Vancouver

Agencies throughout the world

# DAVIES

## Lumberman's Beef

### Barrelled Pork

Mess Pork  
Short cut Backs  
Pickled Rolls

When placing your order with us for either fresh or frozen Beef, you will be highly pleased with the quality. Our grade of Beef for the Lumber Camp is a little better than has been the usual custom to ship for Camp use. Let us serve you and be sure of satisfaction.

### Quality Meats

Smoked Meats  
Long Clear  
Camp Sausage

*A wire sent to us (collect) will bring  
you lowest quotations at once*

THE **DAVIES** COMPANY  
WILLIAM LIMITED

Head Office TORONTO

Branches at:—

MONTREAL

SYDNEY

HAMILTON



# CANADA LUMBERMAN BUYERS' DIRECTORY

The following regulations apply to all advertisers:—Eighth page, every issue, three headings; quarter page, six headings; half page, twelve headings; full page, twenty-four headings

## ALLIGATORS

Payette Company, P.  
West, Peachy & Sons

## BABBITT METAL

General Supply Co., of Canada, Ltd.

## BALE TIES

Laidlaw Bale Tie Company

## BAND MILLS

Hamilton Company, William  
Waterous Engine Works Company  
Yates Machine Company, P. B.

## BAND SAW BLADES

Simonds Mfg., Co.

## BAND RESAWS

Mershon & Company, W. B.  
Yates Machine Co., P.B.

## BARKERS

Bertrand, F. X., La Compagnie  
Manufacturiere.

Horton Steel Works

Smith Foundry & Machine Co.

## BEARING METAL

Beveridge Supply Co., Ltd.

## BEDSTEADS (STEEL)

Simmons Limited

## BELT DRESSING

Dominion Belting Co.  
General Supply of Canada, Ltd.  
McLaren, D. K. Ltd.

## BELT FASTENERS

McLaren, D. K. Ltd.

## BELTING

Canadian Consolidated Rubber Co.  
Dominion Belting Co.  
General Supply Company  
Goodhue & Co., J. L.  
Gutta Percha & Rubber Company  
D. K. McLaren, Limited  
York Belting Co.

## BLOWERS

Reed & Co., Geo. W.  
Sturtevant, B. F. & Co.  
Toronto Blower Company

## BOILERS

Engineering & Machine Works of  
Canada  
Hamilton Company, William  
Waterous Engine Works Company

## BOILER PRESERVATIVE

Beveridge Supply Company  
Shell-Bar, Boico Supply Co., Ltd.

## BOX MACHINERY

Yates Machine Company, P. B.

## BRAKING DEVICE

Ryther & Pringle Co.

## CABLE CONVEYORS

Engineering & Machine Works of  
Canada.

Hamilton Company, William  
Waterous Engine Works Company

## CAMP SUPPLIES

Davies, The Wm. Co., Ltd.  
Dominion Molasses Co., Ltd.  
Dr. Bell Veterinary Wonder Co.  
Howland, H. S. Sons & Co.  
Johnson, A. H.  
Swift Canadian Co., Ltd.  
Turner & Sons, J. J.  
Woods Manufacturing Co., Ltd.

## CANT HOOKS

General Supply Co., of Canada, Ltd.  
Pink & Company, Thomas

## CARS

Mussens, Ltd.

## CEDAR

Adams River Lumber Co.  
Bury & Co., Robt.  
Cameron Lumber Co.  
Canadian Western Lumber Co.  
Chesbro, R. G.  
Fesserton Timber Company  
McElroy Lumber Co., Ltd.  
Muir & Kirkpatrick  
Rose, McLaurin, Limited  
Terry & Gordon  
Thurston-Flavelle Lumber Co.  
Vancouver Lumber Company.  
Victoria Lumber & Mfg. Co.

## CHAINS

Canadian Link-Belt Company, Ltd.  
General Supply Co., of Canada, Ltd.  
Engineering & Machine Works of  
Canada.  
Hamilton Company, William  
Pink & Company, Thomas  
Waterous Engine Works Company

## CLOTHING

Grant-Holden-Graham  
Woods Mfg. Company

## CONCRETE MIXERS

Mussens, Ltd.

## CONVEYOR MACHINERY

Canadian Link-Belt Company, Ltd.  
General Supply Co., of Canada, Ltd.  
Hamilton Company, William  
Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.  
Waterous Engine Works Company

## CORDWOOD

McClung, McLellan & Berry

## COUPLING (Shaft)

Engineering & Machine Works of  
Canada

## CRANES

Hopkins & Co., Ltd., F. H.  
International Land & Lumber Co.  
Canadian Link-Belt Company, Ltd.

## CUTTER HEADS

Shimer Cutter Head Company  
Yates Machine Co., P.B.

## CYPRESS

Maus Lumber Co., Chas. O.  
Wistar, Underhill & Nixon

## DERRICKS AND DERRICK FITTINGS

Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.

## DOORS

Canadian Western Lumber Co.  
Mason, Gordon & Co.  
Terry & Gordon

## DOORS, FIREPROOF

Mussens, Ltd.

## DRAW SAWS

Gerlach Company, Peter  
Hamilton Company, William

## DRY KILNS

Sturtevant, B. F. & Co.

## DUST COLLECTORS

Reed & Co., Geo. W.  
Toronto Blower Company

## EDGERS

Hamilton Company, Ltd., William  
Green Company, G. Walter  
Long Mfg. Company, E.  
Payette Company, P.  
Waterous Engine Works Company  
Yates Machine Co., P.B.

## ELEVATING AND CONVEYING MACHINERY

Canadian Link-Belt Company, Ltd.  
Engineering & Machine Works of  
Canada  
Hamilton Company, William  
Mussens, Ltd.  
Waterous Engine Works Company

## ENGINES

Engineering & Machine Works of  
Canada  
Hamilton Company, William  
Payette Company, P.  
Sylvester Manufacturing Co.  
Waterous Engine Works Company

## EXCELSIOR MACHINERY

Elmira Machinery & Transmission  
Company

## EXHAUST FANS

Sturtevant, B. F. & Co.  
Toronto Blower Company

## EXHAUST SYSTEMS

Reed & Co., Geo. W.  
Toronto Blower Company

## FURNACES

Gates Engineering Co.

## FIBRE BOARD

Manley Chew

## FILES

Disston & Sons, Henry  
Simonds Canada Saw Company

## FIR

Adams River Lumber Co.  
Apex Lumber Co.  
Associated Mills, Limited  
Bainbridge Lumber Company  
Cameron Lumber Co.  
Canadian Western Lumber Co.  
Canfield, P. L.  
Chesbro, R. G.  
Fesserton Timber Co.  
Grier & Sons, Ltd., G. A.  
Knox Brothers  
Mason, Gordon & Co.  
McElroy Lumber Co., Ltd.  
Robertson & Hackett Sawmills  
Rose, McLaurin, Limited  
Terry & Gordon  
Timberland Lumber Company  
Timms, Phillips & Co.  
Underhill Lumber Co.  
Vancouver Lumber Company  
Vanderhoof Lumber Company  
Victoria Lumber & Mfg. Company

## FIRE BRICK

Beveridge Supply Co., Limited  
Elk Fire Brick Company of Canada  
Shell-Bar, Boico Supply Co., Ltd.

## FIRE FIGHTING APPARATUS

Waterous Engine Works Company

## FITTINGS

Crane Limited

## FLOORING

Cameron Lumber Co.  
Chesbro, R. G.  
Long-Bell Lumber Company

## GEARS (Cut)

Smart-Turner Machine Company

**GUARDS (Machinery and Window)**  
Canada Wire & Iron Goods Co.

## HARDWOODS

Anderson Lumber Company, C. G.  
Anderson, Shreiner & Mawson  
Atlantic Lumber Company  
Black Rock Lumber Co.  
Bury & Co., Robt.  
Cameron & Company  
Clark, Edward & Sons  
Edwards & Co., W. C.  
Fassett Lumber Company, Limited  
Fesserton Timber Co.  
Gillespie, James  
Gloucester Lumber & Trading Co.  
Grier & Sons, Ltd., G. A.  
Hart, Hamilton & Jackson  
Kinnon Lumber Co.  
Knox Brothers  
Mason & Company, Geo.  
Maus Lumber Co., Chas. O.  
McDonagh Lumber Company  
McLennan Lumber Company  
McNeil Lumber Co.  
McLung, McLellan & Berry  
Murphy Lumber Co., Wm. J.  
Pedwell Hardwood Lumber Co.  
W. & J. Sharples  
Spencer, Limited, C. A.  
Summers, James R.

## HARDWOOD FLOORING

Grier & Sons, Ltd., G. A.

## HARNES

Lamontague, Ltd.

## HEMLOCK

Anderson Lumber Company, C. G.  
Anderson, Shreiner & Mawson  
Bartram & Ball  
Beck, C. Mfg. Co.  
Big Bear Lumber Co.  
Bourgouin, H.  
Canadian General Lumber Company  
Edwards & Co., W. C.  
Fesserton Timber Co.  
Grier & Sons, Ltd., G. A.  
Hocken Lumber Company  
Mason, Gordon & Company  
McCormack Lumber Company  
McDonagh Lumber Company  
McElroy Lumber Co., Ltd.  
Robertson & Hackett Sawmills  
Spencer, Limited, C. A.  
Stalker, Douglas A.  
Sutherland Lumber Co., A. A.  
Terry & Gordon  
Vancouver Lumber Company  
Vanderhoof Lumber Company

**HOISTING AND HAULING ENGINES**  
General Supply Co., of Canada, Ltd.



## *For The Camp*

**Silver Leaf Brand Pure Lard  
Jewel Brand Shortening  
Barreled Beef and Pork  
Fresh and Frozen Meats  
Cooked and Smoked Meats  
Sausage, Soap, Canned Goods**

## The Finest Chefs Will Fail Unless

You pay your chef high wages. You realize that on him depends much of the efficiency of your men, for good grub means a great deal to a camp. That is good business.

But the finest chef in the land will fail if you handicap him with poor supplies. It pays well to give him Swift's.

Swift's products are the result of many years experience in catering to lumber camps. Jewel Brand Shortening makes fine pastry certain. Our fresh and frozen meats are selected from the best the country offers. And all supplies are kept up to the highest standard. They reach you in perfect condition in our own refrigerator cars—on time. These are the reasons camp operators in increasing numbers are turning to Swift's.

**Swift Canadian Co.**  
Limited

**PLANTS:—**Toronto, Winnipeg, Edmonton, New Westminster

**BRANCHES:—** Ottawa, Montreal, Quebec, Hamilton, St. Catharines, Fort William

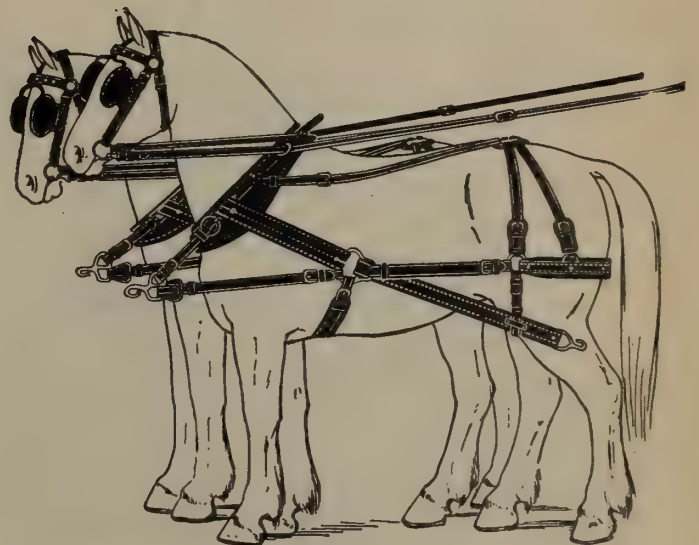
## What about your Harness Requirements?

When you think of HARNESS  
think of LAMONTAGNE LIMITED.



### Alligator Brand Harness

The only harness that will stand up to  
the exacting demands of the lumber-  
ing industry.



HORSE BLANKETS FOR THE LUMBER TRADE A SPECIALTY.

*Lamontagne Limited.*

52 Crown Street,  
QUEBEC.

Headquarters: 338 Notre Dame St. W., MONTREAL

110 Princess Street,  
WINNIPEG



Hopkins & Co., Ltd., F. H.  
London Concrete Machinery Co.  
Mussens, Ltd.

#### HOSE

General Supply Co., of Canada, Ltd.  
Gutta Percha & Rubber Company  
Mussens, Ltd.

#### INSURANCE

Hardy & Company, E. D.  
Lumberman's Indemnity Exchange  
Rankin Benedict Underwriting Co.

#### INTERIOR FINISH

Cameron Lumber Company  
Canadian Western Lumber Co.  
Canfield, P. L.  
Eagle Lumber Company  
Mason, Gordon & Co.  
Rose, McLaurin, Limited  
Terry & Gordon

#### KILN DRIED LUMBER

Bury & Co., Robt.

#### KNIVES

Disston & Sons, Henry  
Simonds Canada Saw Company  
Waterous Engine Works Company

#### LAMPS AND LANTERNS

Coleman Lamp Co.  
Mussens, Ltd.

#### LARCH

Otis Staples Lumber Company

#### LATH

Adams River Lumber Co.  
Anderson, Shreiner & Mawson  
Apex Lumber Company  
Austin & Nicholson  
Beck, C. Mfg. Co.  
Brennen & Sons  
Cameron Lumber Company  
Canadian General Lumber Company  
Carew Lumber Company, John  
Chaleurs Bay Mills

Dadson, A. T.  
Eagle Lumber Company  
Fassett Lumber Company, Limited  
Foley Lumber Company  
Fraser Bryson Lumber Co., Ltd.

Gloucester Lumber & Trading Co.  
Greig Morris Ltd.  
Grier & Sons, Ltd., G. A.  
Harris Tie & Timber Company, Ltd.  
Larkin Company, C. A.  
Mason & Company, Geo.  
McLennan Lumber Company  
Miller, W. H. Company  
New Ontario Colonization Company  
Otis Staples Lumber Company  
Power Lumber Company  
Shevlin-Clarke Company  
Terry & Gordon  
U. G. G. Sawmills, Limited  
Victoria Harbor Lumber Company

#### LATH BOLTERS

General Supply Co. of Canada, Ltd.  
Hamilton Company, William  
Payette & Company, P.

#### LOCOMOTIVES

Engineering & Machine Works of  
Canada  
General Supply Co. of Canada, Ltd.  
Hopkins & Co., Ltd., F. H.  
Climax Manufacturing Company  
Montreal Locomotive Works  
Mussens, Ltd.

#### LINK-BELT

Canadian Link-Belt Company  
Hamilton Company, William

#### LOCOMOTIVE CRANES

Canadian Link-Belt Company  
Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.

#### LOGGING ENGINES

Engineering & Machine Works of  
Canada

Hopkins & Co., Ltd., F. H.  
Mussens Limited

#### LOG HAULER

Engineering & Machine Works of  
Canada  
Green Company, G. Walter  
Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.  
Payette & Company, P.

#### LOGGING MACHINERY AND EQUIPMENT

Fleming & MacLeary  
General Supply Co. of Canada, Ltd.  
Hamilton Company, William  
Hopkins & Co., Ltd., F. H.  
Payette & Company, P.  
Smith Foundry Co.  
Sylvester Manufacturing Co.  
Waterous Engine Works Company  
West, Peachey & Sons  
Mussens Limited

#### LUMBER DRY KILNS

Sturtevant, B. F. & Co.

#### LUMBER EXPORTS

Fletcher Corporation

#### LUMBER TRUCKS

Hamilton Company, William  
Mussens, Ltd.  
Waterous Engine Works Company

#### LUMBERMEN'S BOATS

Adams Engine Company  
Gidley Boat Company  
West, Peachey & Sons

#### MATTRESSES

Simmons Limited

#### MILL PIPING

Neville-Cooper Co.

#### MOTORS

Sturtevant, B. F. & Co.

#### NAILING MACHINES

Yates Machine Co., P.B.

#### OAK

Long-Bell Lumber Company  
Maus Lumber Co., Chas. O.

#### PACKING

Beveridge Supply Company  
Gutta Percha & Rubber Company

#### PANELS

Bury & Company, Robt.

#### PAPER

Beveridge Supply Company

#### PINE

Adams River Lumber Co.  
Anderson Lumber Company, C. G.  
Anderson, Shreiner & Mawson  
Atlantic Lumber Company  
Austin & Nicholson  
Beck, C. Mfg. Co.  
Big Bear Lumber Co.  
Black Rock Lumber Co.  
Cameron Lumber Company  
Canadian General Lumber Company  
Canadian Western Lumber Co.  
Canfield, P. L.  
Chesbro, R. G.  
Cleveland-Sarnia Sawmills Company  
Cox, Long & Company  
Dadson, A. T.  
Dudley, Arthur N.

Eagle Lumber Company  
Edwards & Co., W. C.  
Excelsior Lumber Company

Fesserton Timber Co.  
Fraser Bryson Lumber Co., Ltd.  
Gillies Bros, Limited  
Gloucester Lumber & Trading Co.  
Gordon & Company, George  
Goodday & Company, H. R.  
Greig Morris Ltd.  
Grier & Sons, Ltd., G. A.  
Harris Tie & Timber Company, Ltd.  
Hettler Lumber Co., Herman H.  
Hocken Lumber Company  
Julien, Roch  
Lloyd, W. Y.  
Loggie Company, W. S.  
Long-Bell Lumber Company  
Mason, Gordon & Co.  
Mason & Company, Geo.

# FIRE BRICK AND CLAY

We make several brands of fire brick by every known process of manufacture from a selection of various high grade Pennsylvania clays. This enables us to furnish the best for your boilers, dutch ovens, refuse burners, kilns, etc. We specialize in fire brick for power plants and if you will advise us whether your boilers are hand fired or stoker fired and kind of fuel used we can then give you the proper brick for your work.

We carry a large stock of our different brands in various sizes and shapes in our Hamilton warehouse which enables us to ship at once.

We manufacture the following well-known brands:

**"Elkco Special," "Elk Steel,"  
"St. Marys," "Keystone" and "M.D. Elk"**

Write for copy of our catalogue,

**Elk Fire Brick Co. of Canada, Ltd.**

HIGH GRADE FIRE BRICK and CLAY

**Sun Life Bldg., Hamilton, Canada**

Representatives for Maritime Provinces:

**RHODES, CURRY COMPANY, Ltd., Head Office, AMHERST, N.S.**

Branches at Sydney and New Glasgow, N. S.



## Put your problem up to us

We are specialists in building locomotives. We build all types and sizes, also all kinds of repair parts for locomotives and tenders.

Our experience puts us in a position to give you expert advice as to what particular type and size of locomotive is best suited to your needs.

**Put Your Locomotive Problem  
up to us.**

**Montreal Locomotive Works**

Limited

**Dominion Express Building, : Montreal, Canada**



# Adams Pointers



These powerful, efficient and economical gasoline boats, manufactured at Penetang, are giving universal satisfaction all over Canada.

Lumbermen will find it cheaper, quicker and safer to work with an Adams Pointer. They are much more economical and easier to operate than alligators or tugs.

The Adams Pointer is equipped with a powerful, heavy duty, easy running engine, extra heavy reverse gear and warping winch, and will prove equal to your heaviest work.

We can supply the machinery separate from hull if so desired.

*Write for further particulars and blue prints which give in detail where our Pointers excel.*

## Adams Engine Co., Penetang, Ont.

J. T. PAYETTE, Proprietor

## The Machine that Holds the World's Record of 128,350 Laths Test Cut in 10 Hours

Four Hundred Sawmills in the Dominion are to-day using this machine.

It has all the latest improvements and for quick, clean work has no equal.

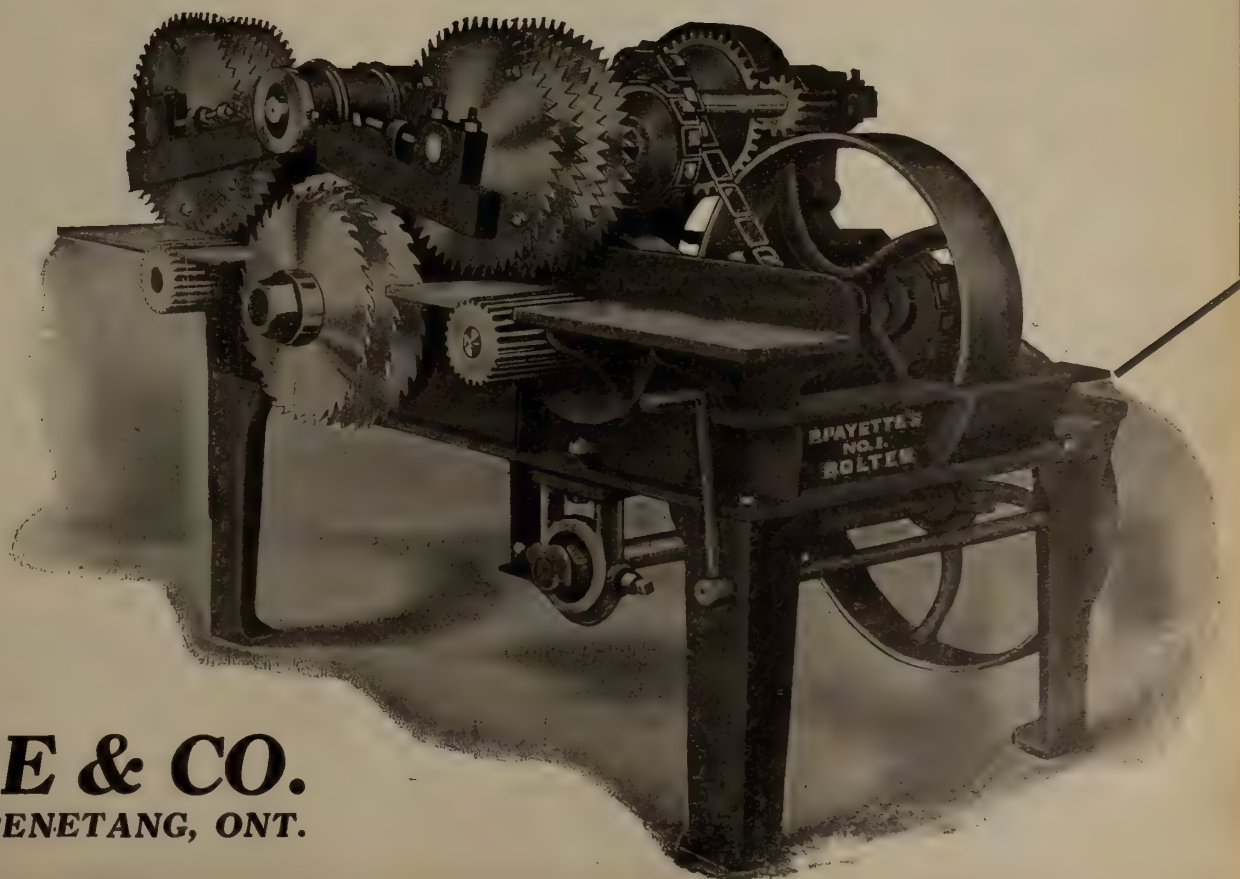
The Payette No. 1 Bolter and No. 2 Lath Mill will cut, count, tie and pile 128,350 lath in a period of ten hours. The above consisted of 4 foot laths, 1½ by ¾ inches, and constitutes a record in rapid lath cutting.

If you are not using a Payette Lath Mill outfit, you should be.

Shall we send you full particulars and prices?

### P. PAYETTE & CO.

J. T. PAYETTE, Proprietor PENETANG, ONT.





McCormack Lumber Company  
McFadden & Malloy  
McLennan Lumber Company  
Montreal Lumber Company  
Muir & Kirkpatrick  
Northern Lumber Mills  
Otis Staples Lumber Company  
Parry Sound Lumber Company  
P. Q. Lumber Co.  
Rolland Lumber Company  
W. & J. Sharples  
Shevlin-Clarke Company  
Spencer, Limited, C. A.  
Stalker, Douglas A.  
Summers, James R.  
Terry & Gordon  
Victoria Harbor Lumber Company  
Watson & Todd, Limited

#### PLANING MILL EXHAUSTERS

Toronto Blower Company  
Sturtevant, B. F. & Co.

#### PLANING MILL FANS (Reversible)

Mussens, Ltd.

#### PLANING MILL MACHINERY

Mershon & Company, W. B.  
Toronto Blower Company  
Yates Machine Company, P. B.

#### POPLAR

Keewatin Lumber Co.

#### PORTABLE SAWMILLS

Brady Machinery Co.

#### POST GRINDERS

Smith Foundry Company

#### POSTS AND POLES

Anderson, Shreiner & Mawson  
Canadian Tie & Lumber Co.  
Eagle Lumber Company  
Harris Tie & Timber Company, Ltd.  
Long-Bell Lumber Company  
Mason, Gordon & Co.  
McLennan Lumber Company  
Terry & Gordon

#### PULLEYS AND SHAFTING

Bernard Industrial Co., The A.  
Canadian Link-Belt Company  
General Supply Co. of Canada, Ltd.  
Green Company, G. Walter  
Engineering & Machine Works of Canada  
Hamilton Company, William  
McLaren, D. K. Ltd.  
Williams Machinery Co., A. R.

#### PULP MILL MACHINERY

Canadian Link-Belt Company  
Engineering & Machine Works of Canada  
Hamilton Company, William  
Payette & Company, P.  
Waterous Engine Works Company  
Williams Machinery Co., A. R.

#### PULPWOOD

British & Foreign Agencies  
D'Auteuil Lumber Company  
Price Bros. & Company  
Scott, Draper & Company

#### PUMPS

Engineering & Machine Works of Canada  
General Supply Co. of Canada, Ltd.  
Hamilton Company, William  
Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.  
Smart-Turner Machine Company  
Waterous Engine Works Company

#### PLANING MILL EXHAUSTERS

(Steel Plate)  
Sturtevant, B. F. & Co.

#### RAILS

Gartshore, John J.  
Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.

#### ROOFINGS

(Rubber, Plastic and Liquid)  
Beveridge Supply Company  
Reed & Co., Geo. W.

#### RUBBER GOODS

Dunlop Tire & Rubber Goods Co.  
Gutta Percha & Rubber Company

#### SAWS

Atkins & Company, E. C.

Disston & Sons, Henry  
General Supply Co. of Canada, Ltd.  
Gerlach Company, Peter  
Green Company, G. Walter  
Hoe & Company, R.  
Radcliff Saw Mfg. Company  
Shurly Company, Ltd., T. F.  
Shurly-Dietrich Company  
Simonds Canada Saw Company

#### SAW GRINDERS

Smith Foundry Company

#### SAW MILL LINK-BELT

Canadian Link-Belt Company

#### SAW MILL MACHINERY

Brady Machinery Co.  
Canadian Link-Belt Company  
Clark Bros. Co.  
General Supply Co. of Canada, Ltd.  
G. Walter Green Company, Ltd.  
Hamilton Company, William  
La Compagnie Manufacture, F. X. Bertrand  
Long Mfg. Company, E.  
Mershon & Company, W. B.  
Parry Sound Lumber Company  
Payette & Company, P.  
Waterous Engine Works Company  
Yates Machine Company, P. B.

#### SAW SHARPENERS

Hamilton Company, William  
Waterous Engine Works Company

#### SAW SLASHERS

Hamilton Company, William  
Payette & Company, P.  
Waterous Engine Works Company

#### SHINGLES

Apex Lumber Company  
Associated Mills, Limited  
Cameron Lumber Company  
Campbell-McLaurin Lumber Co.  
Canadian Western Lumber Co.  
Carew Lumber Company, John  
Chaleurs Bay Mills  
Chesbro, R. G.  
D'Auteuil Lumber Company  
Eagle Lumber Company  
Fraser, Companies Limited  
Gillespie, James  
Gloucester Lumber & Trading Co.  
Grier & Sons, Ltd., G. A.  
Harris Tie & Timber Co., Ltd.  
Mason, Gordon & Co.  
McLennan Lumber Company  
McNeil Lumber Co.  
Miller Company, Ltd., W. H.  
Rose, McLaurin, Limited  
Snowball & Co., J. B.  
Stalker, Douglas A.  
Terry & Gordon  
Timms, Phillips & Company  
Vancouver Lumber Company  
Vanderhoof Lumber Company

#### SHINGLE & LATH MACHINERY

Green Company, C. Walter  
Hamilton Company, William  
Long Manufacturing Company, E.  
Payette & Company, P.  
Smith Foundry Company

#### SILENT CHAIN DRIVES

Canadian Link-Belt Company

#### SLEEPING EQUIPMENT

Simmons Limited

#### SLEEPING ROBES

Woods Mfg. Company, Ltd.

#### SMOKESTACKS

Hamilton Company, William  
Neville-Cooper Co.  
Reed & Co., Geo. W.  
Waterous Engine Works Company

#### SNOW PLOWS

Pink & Company, Thomas

#### SPARK ARRESTORS

Reed & Company, Geo. W.  
Waterous Engine Works Company

#### SPRUCE

Adams River Lumber Co.  
Anderson, Shreiner & Mawson  
Big Bear Lumber Co.  
Cameron Lumber Company

Campbell, McLaurin Lumber Co.  
Canadian Western Lumber Co.  
Chesbro, R. G.  
Coburn Lumber Co.  
Cox, Long & Company  
Dadson, A. T.  
Dudley Arthur N.  
Fassett Lumber Company, Ltd.  
Fraser, Companies Limited  
Fraser Bryson Lumber Co., Ltd.  
Gillies Brothers  
Gloucester Lumber & Trading Co.  
Goodday & Company, H. R.  
Gravel Lumber Co.  
Greig Morris Ltd.  
Grier & Sons, Ltd G. A.  
Harris Lumber Co., Frank H.  
Hocken Lumber Company  
International Land & Lumber Co.  
Julien, Roch  
Larkin Co., C. A.  
Lloyd, W. Y.  
Loggie Co., W. S.  
Mason, Gordon & Co.  
McCormack Lumber Co.  
McDonagh Lumber Co.  
McElroy Lumber Co., Ltd.  
McLennan Lumber Company  
Muir & Kirkpatrick  
New Ontario Colonization Co.  
Northern Lumber Mills  
Power Lumber Co.  
P. Q. Lumber Co.  
Rolland Lumber Co.  
Rose, McLaurin, Limited  
Spencer, Limited, C. A.  
Sutherland Lumber Co., A. A.  
Terry & Gordon  
U. G. G. Sawmills, Limited  
Vanderhoof Lumber Company

#### STEAM ENGINES

Lamontague, Ltd.

#### STEAM SHOVELS

Hopkins & Co., Ltd., F. H.

#### STEEL CHAIN

Canadian Link-Belt Company  
Hopkins & Co., Ltd., F. H.  
Waterous Engine Works Company

#### STEAM PLANT ACCESSORIES

Waterous Engine Works Company

#### STEEL BARRELS

Smart-Turner Machine Company

#### STEEL DRUMS

Smart-Turner Machine Company

#### TARPAULINS

Turner & Sons, J. J.  
Woods Manufacturing Company Ltd.

#### TANKS

Hopkins & Co., Ltd., F. H.  
Horton Steel Works

#### TENTS

Turner & Sons, J. J.  
Woods Mfg. Company

#### TIES

Austin & Nicholson  
Carew Lumber Co., John  
Canadian Tie & Lumber Co.  
Chaleurs Bay Mills  
D'Auteuil Lumber Co.  
Gloucester Lumber & Trading Co.  
Harris Tie & Timber Company Ltd.  
International Land & Lumber Co.  
McLennan Lumber Company  
McNeil Lumber Co.  
Miller, W. H. Co.  
Scott, Draper & Co.  
Terry & Gordon

#### TIMBER BROKERS

Cant & Kemp  
Farnworth & Jardine  
Wright, Graham & Co.

#### TIMBER CRUISERS AND ESTIMATORS

Savage & Bartlett.  
Sewell, James W.

#### TIMBER LANDS

Department of Lands & Forests, Ont.

#### TOWING MACHINES

Payette & Company, P.  
West, Peachey & Sons

#### TRACTORS

Holt Manufacturing Company  
Hopkins & Co., Ltd., F. H.  
Mussens Limited

#### TRAILERS

Dominion Truck Equipment Co.  
Mussens, Ltd.  
Sylvester Manufacturing Co.

#### TRANSMISSION MACHINERY

Canadian Link-Belt Company  
Engineering & Machine Works of Canada  
General Supply Co. of Canada, Ltd.  
Grand Rapids Vapor Kiln  
Hamilton Company, William  
Kennedy, Wm. & Sons  
Waterous Engine Works Co.

#### TRUCKS

Tudhope Anderson Co.

#### TRUCK UNITS

Dominion Truck Equipment Co.

#### TURBINES

Engineering & Machine Works of Canada  
Hamilton Company, William

#### TURBO UNDERGRATE BLOWERS

Sturtevant, B. F. & Co.

#### VALVES

Crane, Limited

#### VAPOR KILNS

Grand Rapids Vapor Kiln

#### VENEERS

Bury & Co. Robt.

#### VENEER DRYERS

Coe Manufacturing Company

#### VENEER MACHINERY

Coe Manufacturing Company

#### VETERINARY REMEDIES

Dr. Bell Veterinary Wonder Co.  
Johnson, A. H.

#### WARPING TUGS

West, Peachey & Sons

#### WATER WHEELS

Engineering & Machine Works of Canada  
Hamilton Company, William

#### WIRE

Canada Metal Co.  
Laidlaw Bale Tie Company  
Canada Wire & Iron Goods Co.

#### WIRE CLOTH

Canada Wire & Iron Goods Co.

#### WIRE ROPE

Canada Wire & Iron Goods Co.  
Hopkins & Co., Ltd., F. H.  
Dominion Wire Rope Co.  
Greening Wire Co., B.  
Mussens, Ltd.

#### WOODWORKING MACHINERY

General Supply Co., of Canada, Ltd.  
Long Manufacturing Company, E.  
Mershon & Company, W. B.  
Waterous Engine Works Co.  
Yates Machine Company, P. B.

#### WOOD PRESERVATIVES

Beveridge Supply Company  
Austin & Nicholson  
New Ontario Colonization Company  
Power Lumber Co.

#### WOOD PULP

Austin & Nicholson  
New Ontario Colonization Co.  
Power Lumber Co.



# BARIENGER BRAKING DEVICE

This device is a real boon to lumbermen for it greatly reduces the cost of logging operations. Heavy loads can be swiftly and safely taken down steep grades, eliminating the expense of building winding roads. Neither is sand and straw hilling necessary even in the roughest country. If you are not familiar with the many advantages of the Barienger Braking Device. Write for particulars today.



**RYTHER & PRINGLE COMPANY**

**CARTHAGE, N. Y.**



## Gerlach Modern Machinery Produces Cheaper and Better

Tight and Slack Cooperage Stock for Barrels, Kegs and Tubs, ready to set up into non-leaking packages of 5 to 120 gallons liquid capacity, or for semi-liquid and dry materials up to 800 lbs. weight. We manufacture machinery for sawing, jointing, planing and crozing staves; for sawing, jointing, dowsing, planing and circling heading.

### MODERNIZE YOUR PLANT

Scrap Machinery invented before the Civil War and install a Gerlach Outfit that will make Tight Barrels that are tight, from any strong non-porous timber.

### BUILD

Barrels with perfect joints that will not leak; a product that is infinitely superior to the tin and iron near barrels now being experimented with. Wood is tasteless, stainless and rustless and being a poor conductor of heat or moisture, keeps its contents in their original condition.

### CYLINDER SAWS RESTEELED

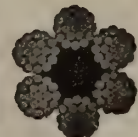
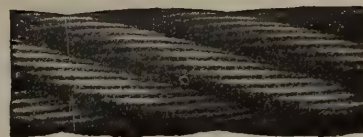
### MODERN BOXBOARD MACHINERY

## The Peter Gerlach Co.

Columbus, Winter and Leonard Sts.  
CLEVELAND, OHIO



## WIRE ROPE



**"We have the Right Rope for every purpose"**

The contributing factors in making good Wire Rope are: 1. Men who know how. 2. The best grade of materials. 3. The most modern machinery. We have all three and are producing the goods. Give us a trial.

**We solicit your enquiries. Write for our catalogue.**

Stock carried in Montreal by J. H. HANSON CO. LTD., Agent

**Canada Wire & Iron Goods Co., Hamilton**

Stock carried in Edmonton and Calgary  
N. F. Judah, McLeod Building, Edmonton, Agent

## FOR SALE

- 1—24 Forney Type Locomotive, standard gauge.
- 1—50 ton Shay Geared Locomotive, standard gauge
- 24—Russell Log Cars, 10 ft. Bunks.
- 1—Barnhart Log Loader.
- 12 Miles 52 and 56 lb. Relaying Rail.
- 2 " 45 lb. " "
- 4 " 30 lb. " "
- 1 " 16 lb. " "

**John J. Gartshore**

Toronto

Ontario

## VENTILATION and LIGHT



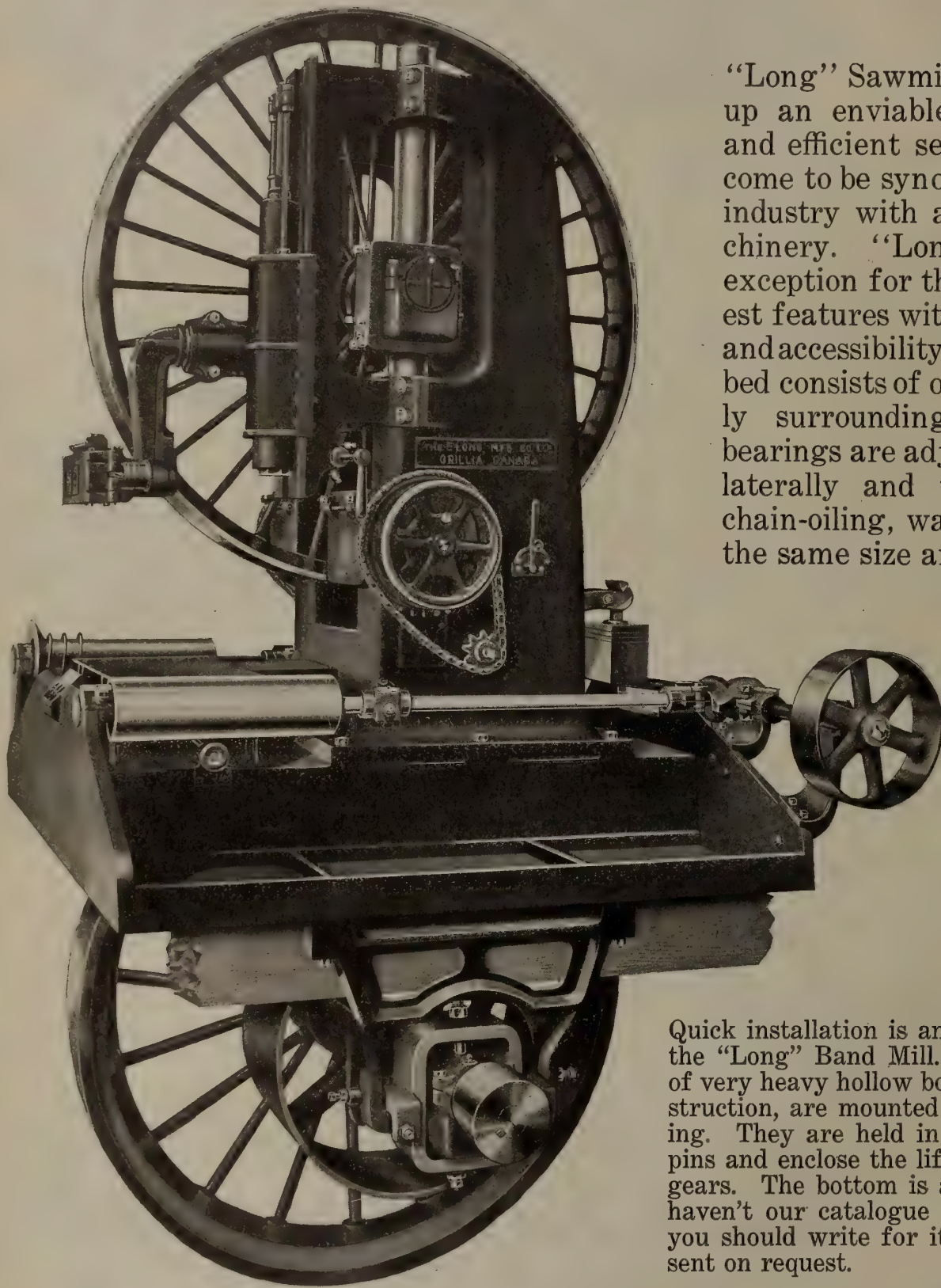
In the "BURT" Ventilator illustrated, Engineers will find an ideal combination of an efficient ventilator and skylight. You will make no mistake in specifying "BURT" for all ventilators. There are five distinct types—both forced and natural draft. Each has been specially designed and approved by leading Engineers.

WRITE FOR DESCRIPTION BOOKLET  
SOLE CANADIAN MANUFACTURERS

**Geo. W. Reed & Co., Limited - Montreal**



# The Name "LONG" Is Your Guarantee on Sawmill Machinery



"Long" Sawmill Equipment has built up an enviable reputation for long and efficient service. The name has come to be synonymous in the lumber industry with all that is best in machinery. "Long" Band Mills are no exception for they combine all the latest features with exceptional strength and accessibility. The unusually heavy bed consists of one solid casting entirely surrounding the machine. All bearings are adjustable longitudinally, laterally and vertically. They are chain-oiling, water-cooled and are all the same size and interchangeable.

Quick installation is another desirable feature of the "Long" Band Mill. The columns, which are of very heavy hollow box section, and of unit construction, are mounted directly on the base casting. They are held in place by bolts and dowel pins and enclose the lifting screws and operating gears. The bottom is accurately planed. If you haven't our catalogue of mill equipment on file, you should write for it today. It will be gladly sent on request.

## The E. Long Manufacturing Co., Limited

Orillia Canada

A. R. Williams Machinery Co.,  
Vancouver and Winnipeg



Gormans, Ltd. Calgary and Edmonton  
Williams & Wilson, Ltd., Montreal



# Waterous

BRANTFORD, ONTARIO, CANADA



**T**HE WATEROUS EDGER has the stable investment value that only a well built machine can give. It returns a steady profit to its owner. It operates at low cost. It serves through year after year and is always the same reliable capable Edger.

The sturdy and trouble-free performance which has made the WATEROUS EDGER the recognized means of obtaining better lumber at lower cost is a definite product of WATEROUS design, materials and manufacture. The WATEROUS provision for accurate rating of the Edger to its work is additional guarantee of such performance.

As an example of the regard in which WATEROUS Edgers are held by the Saw Mill men of Canada, take the fact that there are upwards of 300 WATEROUS Edgers now at work, and that many of these are repeat orders.

These repeat orders are the best proof we have of the satisfaction that these Edgers are giving.

## The Waterous Engine Works Co., Ltd.

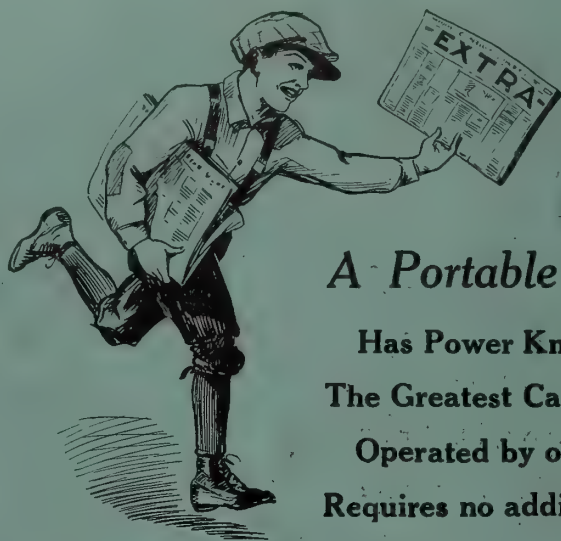
Brantford, Canada

AGENCY—Molson's Bank Bldg., Vancouver, B.C.

BRANCH—Winnipeg Man.



# EXTRA



*Cadillac*  
404  
PATENTED

## A Portable Sawmill—

Has Power Knees and Dogs.

The Greatest Capacity of any mill on earth.

Operated by one man.

Requires no additional power.

**T**HIS Portable Sawmill is designed especially to handle short logs, veneer cores, etc., working them up into good marketable stock, railroad ties, box lumber, dimension stock, cooperage stock, etc.

To insure reasonable deliveries we are putting forth maximum efforts towards increased production. Let us have your enquiries now.

## BRADY MACHINERY COMPANY

Traverse City, Mich.



Cadillac, Mich.

Manufacturers of  
Portable Sawmill Machinery

General Offices:  
Traverse City, Mich.  
U. S. A.

Machine Shops and Foundries:  
Cadillac, Mich.  
U. S. A.



# Canada Lumberman

founded 1880



## Horse Blankets

Robes, Hessian Ticks, Camp Blankets, Tarpaulins, Feed Bags, Tents, Pack Bags, Lunch Bags, Tumplines, Eider-down Robes,

**Guaranteed Non-Sag Snow Shoes and Toboggans**

are now in demand and can be supplied promptly.

**J. J. Turner & Sons, Ltd.**  
PETERBOROUGH, ONT.

## IT'S SERVICE THAT COUNTS

For complete Service and absolute Security — At  
a Saving in cost call on

**E. D. HARDY & CO.**

INSURANCE for LUMBERMEN

Specialists in LUMBER and WOODWORKING Risks

BOOTH BLDG:

OTTAWA, ONT.

Twenty Years of Successful Operation

## DeVEUVE-BURNS UNDERWRITING COMPANY

Manager

## LUMBERMEN'S INDEMNITY EXCHANGE

Fire Insurance for Lumbermen

Licensed in Canada

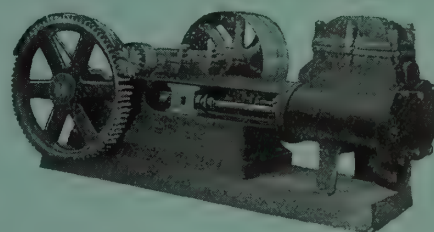
## FOR SALE

- 1—24 Forney Type Locomotive, standard gauge.
- 1—50 ton Shay Geared Locomotive, standard gauge
- 24—Russell Log Cars, 10 ft. Bunks.
- 1—Barnhart Log Loader.
- 12 Miles 52 and 56 lb. Relaying Rail.
- 2 “ 45 lb. “ “
- 4 “ 30 lb. “ “
- 1 “ 16 lb. “ “

**John J. Gartshore**

Toronto

Ontario



For Long Service  
and  
Minimum Repair Bills

**Try Smart-Turner Pumps**

**The Smart-Turner Machine Company, Limited**  
Hamilton, Canada

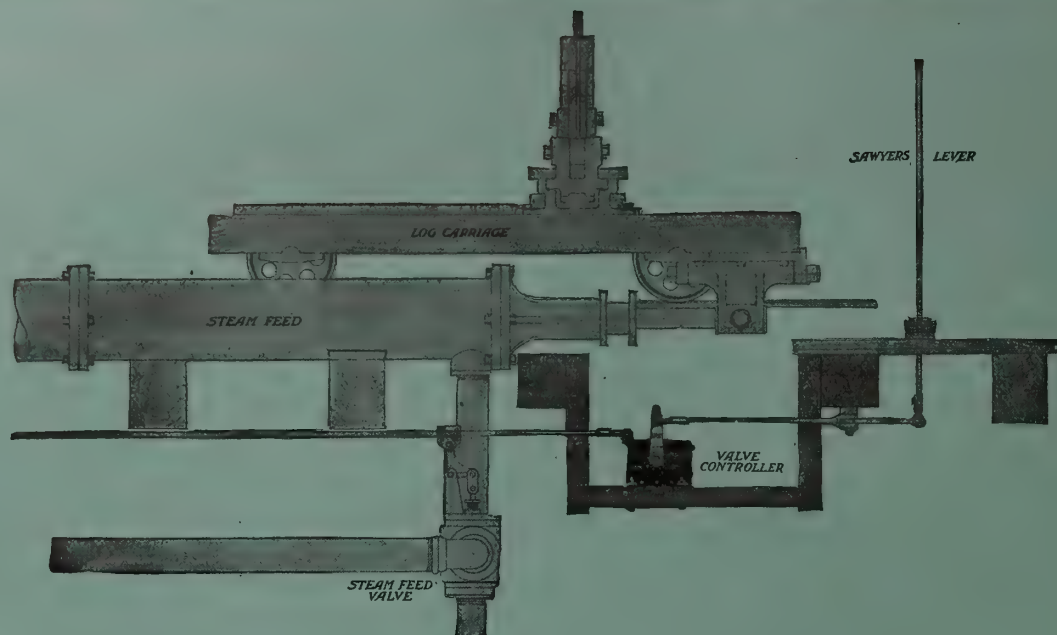
# EDDY'S matches

Sound, Sturdy, Safe,  
No Afterglow. Non-poisonous.  
The Most of the Best at no greater  
cost. And—CANADIAN CLEAN  
THROUGH.

Always, everywhere in Canada ask  
for Eddy's Matches.

**The E. B. Eddy Co. Limited**  
HULL, CANADA





## Prescott's Valve Controller

Patented June 8, 1915

The Machine You Have Been Waiting for.

To eliminate every trouble with your Steam Feed Valves install one of these machines.

### Six Real Reasons for Doing So:

- 1—Gives the sawyer the easiest kind of control of valve.
- 2—Hand lever stays put, making them safe against any jerk or kick of valve.
- 3—Gives the sawyer every confidence in handling valve.
- 4—Will prevent accidents—is easier on the nerves and carriage runs steadier.
- 5—Water flowing into valves from foaming boilers does not fret the sawyer.
- 6—This relief from all troubles of which sawyers have complained enables them to give closer attention to the logs they are cutting and a better inspection of the lumber they produce.

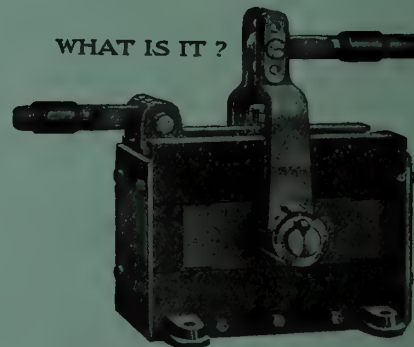
Read what one of the largest lumber companies on the north shore has to say about it.

We are sole Canadian manufacturers of these machines.

Pamphlets with full description and prices on application.

Let us quote you also on our new "Hamilton" Vertical Steam Feed Valves.

WHAT IS IT?



PRESCOTT'S VALVE CONTROLLER

Waubushene, Ont., Sept. 11, 1917.  
Messrs. Wm. Hamilton Co.,  
Peterborough, Ont.

Gentlemen:—

Replying to your inquiry re Prescott Valve Controller, which you sent us last spring to try out: I beg to say that we installed this machine early in April, just previous to starting the mills, selecting the most difficult valve we have to handle, the steam having to travel through nearly three hundred lineal feet of pipe to reach this valve, and noting the fact that the pipes are well covered, there is necessarily considerable condensation, and every sawyer knows the annoyance caused by water passing through the valves which violently jars or jerks the lever, sometimes wrenching it from the hand and thereby inflicting serious damage to the machinery of the mill. And now after nearly five months of daily use, I am pleased to tell you that this device has put up all that is claimed for it. There is not the slightest jar or vibration to be felt, no matter where the lever is held. It is very easily attached and does not interfere in any way with the free movement of the lever, and the Sawyer, Mr. George Botting, also our Foreman, Mr. W. A. Gill, both speak of your controller in the most glowing terms. I can, therefore, congratulate you on securing an article that will fill many a long felt want.

Yours truly,

(Signed) D. B. Anderson.

Chief Engineer.

The Georgian Bay Lumber Co., Ltd.

# William Hamilton Co., Limited

Agents: J. L. Neilson & Co. Winnipeg, Man.

Peterboro, Ontario



# Knox Brothers, Limited

Head Office:  
512-513 Drummond Building, Montreal, Que.



This photograph shows our last steamer for 1922 discharging timbers at our dock. This vessel carried five million feet, the greatest load of timbers of any kind that ever came up the St. Lawrence River.

***We are Specialists in British Columbia Forest Products***

**We Handle  
The Best in the West**

If you are interested in Western stock send us your inquiries. We can make quick shipments from our Montreal stock.



# We Specialize on White Pine

## and make it good

Whenever you require the better grade of White Pine, just get in touch with **Hocken**. Then you can be sure of getting a product that is manufactured right, graded right and priced right.

*A trial order always convinces*

## HOCKEN LUMBER CO., LTD.

626 Confederation Life Bldg.

TORONTO Main 3153

## SOUTHERN HARDWOODS Dry Stock at Buffalo for Quick Shipment

WHITE ASH				TENNESSEE SCENTED CEDAR				QUARTERED SAP GUM				HICKORY					
	1 & 2	Clear Strips	No. 1 Com.	No. 2 Com.	1 in.—28,000 1 1/4 in.—1,800					1 & 2	No. 1C	No. 2C		1 & 2	No. 1 Com.	No. 2 Com.	No. 3 Com.
3/4 in.	2,000	.....	1,500	2,500		PLAIN RED GUM			4/4	.....	1,800	.....	1 in.	1,100	6,000	1,000	2,500
1 in.	148,000	15,000	72,000	69,000			No. 1	No. 2	5/4	.....	14,000	.....	1 1/4 in.	1,100	1,700	2,150	300
1 1/4 in.	65,000	5,000	87,500	5,000			No. 3		8/4	.....	34,000	20,800	1 1/2 in.	16,000	27,000	9,000	3,000
1 1/2 in.	50,000	11,500	87,000	13,500	1 in.	89,000	64,000	.....	10/4	.....	8,000	15,000	2 in.	14,200	24,000	17,200	3,300
2 in.	70,500	900	122,000	65,000	1 1/4 in.	32,000	21,000	700	12/4	.....	300	.....	2 1/2 in.	3,000	13,000	5,700	60
2 1/2 in.	89,000	.....	39,000	43,600	1 1/2 in.	27,000	48,000	14,500					3 in.	.....	8,580	7,200	1,700
3 in.	41,000	.....	20,000	45,000	2 in.	4,000	300	.....		PLAIN RED OAK			4 in.	.....	400	375	
4 in.	109,000	.....	27,000	6,500							No. 1	No. 2	No. 3				
						FIGURED RED GUM				1 & 2	Com.	Com.	Com.	QUARTERED WHITE OAK			
					1 in.	.....	.....	16,000	3,000	5/4 in.	.....	74,000	21,600	2,000			
					1 1/4 in.	.....	.....	3,000	300	3/4 in.	.....	88,000	224,000	31,800	9,000		
					1 1/2 in.	.....	.....	700	.....	1 in.	.....	63,000	19,000	9,400	50,000		
					8/4	.....	.....	1,000	200	1 1/4 in.	.....	15,000	23,000	5,000	1,100		
										1 1/2 in.	.....	31,000	19,200	4,000	.....	3,900	.....
										2 in.	.....	44,000	121,000	26,000	5,000	.....	.....
										2 1/2 in.	.....	1,500	1,400	.....	.....	.....	.....
										3 in.	.....	94,100	33,000	.....	.....	.....	.....
										4 in.	.....	5,800	19,000	7,000	12,000	.....	.....

Also large stock of Brown Ash, Basswood, Beech, Birch, Elm and Maple.

# THE ATLANTIC LUMBER CO. Inc. TORONTO

MANUFACTURERS SOUTHERN HARDWOOD LUMBER

Head Office: BOSTON, MASS.

Yards: BUFFALO, N.Y.

310 MANNING CHAMBERS  
Mills: KNOXVILLE, TENN., FONDE, KENTUCKY



# EDWARD CLARK & SONS LIMITED

807 Bank of Hamilton Building - Toronto

## Hardwood Lumber

SPECIALTY



BIRCH

The increasing popularity of Canadian Birch among dealers is, in many cases, due to the fact that they buy only from us, and therefore see the wood always at its best—beautiful, uniform and free from defects.

*Correspondence  
Invited*

We shall be glad to hear from any who have large blocks of Hard Maple and Basswood. These are to be sawn during the winter to our order, so that as much white stock as possible is produced. Get in touch with us.

## EFFICIENCY, COURTESY AND SERVICE



**WE** conduct an extensive trade in Spruce Lath Cedar Ties and New Brunswick Cedar Shingles to the South American and British markets. Docking facilities are unexcelled.

*Correspondence invited*

## CHALEURS BAY MILLS

Main Office and Mills at  
Restigouche, Que.

Portland Office  
31½ Exchange St.

Cable Address: Chalbay, Portland, & Restigouche, Que.



# Geo. Gordon & Co.

Limited

CACHE BAY - ONTARIO

*Manufacturers of*

## WHITE & NORWAY PINE

Lumber, Dimension Timber  
Lath, Shade Roller Pickets

*Planing Mill in Connection*

## LATH and LUMBER

WHITE PINE  
NORWAY PINE

Shevlin - Clarke  Company Limited

FORT FRANCES, ONT.

Manufacturers  
and Wholesalers

Prompt Shipment.  
Attractive Prices.



# Lumber, Lath, Shingles

---

**T**HE BUILDING SEASON IS JUST AROUND THE CORNER—now is the time to get your stocks in shape to meet the first demand. Remember we can give you prompt and efficient service in the kind of lumber that catches the builder's eye. Prices are exceptionally favorable to immediate buyers.

*Let us hear from you.*

**The FESSERTON TIMBER CO., Limited**  
 15 Toronto St.      Main 795-6      Toronto  
 Western Office: Winch Building, Vancouver, B.C.

---

## ONTARIO

### Canada's Banner Province



Ontario's timber production last year valued at \$26,774,937 or 40% of Canada's total output.

Pine production,	905,442,000 ft. B.M
Pulpwood,	246,282 cords.
Railway Ties,	5,704,459.

Ontario's woodworking industries, using 34 different kinds of wood, provide a ready market for the lumberman. Eighty-two per cent. of lumber used in Ontario's industries purchased within the Province.

Ontario's vast resources offer unsurpassed opportunities to the lumberman.  
 For maps and full information regarding Ontario, apply to

**HON. BENIAH BOWMAN,**  
*Minister of Lands and Forests*



# GEORGE MASON & COMPANY

(Successors to Manley Chew)

MANUFACTURERS OF

## Pine—Maple—Beech—Basswood Lumber—Lath

WE INVITE YOUR ENQUIRIES

Mills at Midland, Ont., Thunder Bay, Ont.

Head Office:—Midland, Ont.

## PINE RED & WHITE

Box and Crating stock, Lath and Shooks  
at prices you'll want to take advantage of.  
These are particularly good, so get in  
touch with us right away.

**KEEWATIN LUMBER COMPANY, LTD.**

**KENORA ONTARIO**

Two complete Saw and Planing Mills, Box Factories and Lath Mill  
At Keewatin and Kenora, Ont.

## F. W. Brennen & Sons

474 Main St. East

Hamilton, Ont.

Wholesale  
**LUMBER  
LATH--SHINGLES**

We have what you want: Write us for quotations

## A. T. DADSON

*Wholesale Lumber Broker*

350 CONFEDERATION  
LIFE BLDG.

**TORONTO**

Telephone  
Main 1892

Would be glad to hear from manu-  
facturers and wholesalers with  
particulars of stock of Lumber and  
Lath.

We are  
Exclusive handlers of the Celebrated  
"VELVET BRAND"  
**SHORT LEAF YELLOW PINE**

— The softest that grows —

Steam Dried or  
Smoke Dried

Inquiries invited  
Prompt Shipments

**Russell Harris Lumber Company**  
34 Victoria Street, Toronto. Telephone Main 4700

## The D'AUTEUIL LUMBER CO., Limited

81 St. Peter Street,  
QUEBEC

**Pulpwood, Lumber,  
Spoolwood,  
Ties and Shingles**





# **MR. DEALER**

**Is Your Yard  
Stocked AND Ready  
FOR  
Spring Requirements?**



**We are ready to supply your wants  
FROM  
ONTARIO-QUEBEC-BRITISH COLUMBIA**

**TERRY AND GORDON**  
LIMITED  
**CANADIAN FOREST PRODUCTS**

BRANCH  
**MONTREAL**

HEAD OFFICE  
**TORONTO**

BRANCH  
**VANCOUVER**

Ontario Representatives for:  
The British Columbia Mills Timber and Trading Co. Ltd., Vancouver, B.C.



Phone Adel. 7718

302 Brass Bldg.

**Cedar Shingles****Western Fir, Spruce and Pine**

All Dimensions All Grades

Old Growth Soft Yellow Fir in Rough Clears

**Southern Yellow Pine**

Canadian Representatives of

Cantrell Lumber Co., New York

Handling the product of several leading Southern Pine Mills. Send us your inquiries for B and Better finish and Rough or sized dimension.

**J. L. Nevison & C. J. Brooks, Toronto, Ont.****Watson & Todd Limited**  
**OTTAWA****WHITE PINE****RED PINE****SPRUCE**

Registered



Trade Mark

**Rideau Club Building**  
Cor. Wellington and  
Metcalfe Sts.

Registered



Trade Mar

**We are always in the market to buy Soft Elm, Maple, Birch and other Hardwoods. Also Spruce, Pine, Poplar or Balm for crating.**

**Established Twenty Years**

**Liberal Prices      Fair Inspection**  
**Prompt Payment**

*We have a good Stationary Saw Mill complete with power for sale, capacity 15 to 20 M. per day. Write us for particulars.*

**The Manufacturers' Lumber**  
Company Limited

**Stratford - Ont.****BARGAINS IN**  
**Standing Timber**

**A**LL our remaining timber lands and town property situated in the town of Parry Sound are offered for sale by us. The special prices at which these are being sold makes early enquiries advisable.

Good bargains are still obtainable in the Townships of Christie, Allen, Secord, Falconbridge and Street. May we send you full particulars?

**The Parry Sound Lumber Co.****26 Ernest Avenue**

LIMITED

**Toronto, Ont.****New Ontario Colonization Co., Ltd.**

MANUFACTURERS

**SPRUCE AND JACK PINE****Tamarack****Poplar****Rossed Pulpwood****Lath**

**Sales Office: BUFFALO, N. Y.**  
503 Niagara Life Bldg.

**Mills: JACKSONBORO, ONT.**  
Transcont. Div. Can. Nat. Rys.



**The Harris Tie & Timber Co., Ltd.**  
**The C. E. Fleming Tie & Lumber Co., Ltd.**  
**The Poupore Lumber Co.**

**Railway Ties, Cedar Poles and Posts, Lumber, Lath, Shingles, Pulpwood**

**197 SPARKS STREET**

**OTTAWA, CANADA**

**H. R. Goodday**

**AND COMPANY**

EXPORTERS OF

**SPRUCE AND  
PINE**

New Brunswick Agent

**F. E. NEALE,**  
Chatham, N.B.

Head Office: **QUEBEC, P.Q.**



For Prompt Delivery of  
**Hemlock, Spruce, Lath  
Pulpwood and Hardwoods**

**Dressed and Ripped to Order**

We specialize in Hemlock and Spruce  
Timbers and have excellent facilities  
for quick shipment—rail or water  
delivery.

*Tell us your requirements*

**Fassett Lumber Co., Limited**  
**Fassett, Quebec**

**Power Lumber Company Limited**

Successors to River Ouelle Pulp & Lumber Co.

*Manufacturers of*

**SPRUCE**

**Lumber Lath Pulpwood**

*Head Office and Mills at:*

**St. Pacome, Que., Canada**

On Can. Nat. Ry. 75 Miles East  
of Quebec City

*Also Mills at:*

**Lapointe, Riv. Manie, Powerville  
and Ste. Apolline**

On Edmunston Div.—Can. Nat. Rys.



THE  
**Montreal Lumber Co.**  
Limited  
**WHOLESALE  
LUMBER**  
759 Notre Dame St. W., Montreal  
W. K. GRAFFTEY,  
President and Managing Director.

**DR. BELL'S**  
Veterinary Wonder Remedies  
50,000 one dollar (\$1.00) bottles Free  
to horsemen who give the Wonder a fair  
trial. Guaranteed for Colic, Inflamma-  
tion of the Lungs, Bowels, Kidneys,  
Fevers, Distemper, etc. Send 25c for  
Mailing Package, etc. Agents wanted.  
Write your address plainly. DR. BELL,  
V. S. Kingston, Ont.



## Know Your Market

A timely knowledge of Cana-  
dian construction activities gives  
the lumberman a point of van-  
tage from which to conduct his  
sales.

The Contract Record will keep  
you posted on construction un-  
dertakings large and small.

The subscription price is \$3.00.

Send to

## Contract Record

and Engineering Review  
347  
Adelaide Street West,  
Toronto, Ont.

# LUMBER

## Wanted

### Mill-cuts in

# W. Pine Hemlock Birch Elm Maple

## C. G. Anderson Lumber Company, Limited

Manufacturers and Strictly Wholesale  
Dealers in Lumber

SALES OFFICE

705 Excelsior Life Building  
Toronto

### BELTING

All kinds of new and used Belting  
Shipped subject to approval, at  
Lowest Prices in Canada

**YORK BELTING CO.**  
115 York St. Toronto, Ont.

### JACK PINE

### HEMLOCK

### SPRUCE

### JAMES R. SUMMERS

Wholesale Lumber  
95 King St. East TORONTO, Ont.  
Main 7329

### HICKORY AXE HANDLES

Made From the Best Canadian  
**HICKORY**

Quality, Shape and Finish Unexcelled  
St. Marys Wood Specialty Co. Ltd.,  
St. Mary's, Ontario, Canada

High Grade Wood Specialties Ball Bats  
Handles and Hardwood Lumber."

### BELTING FOR SALE

We have a large quantity of Second-  
Hand Rubber and Leather Belting in  
all sizes and plys up to 24 inches in  
width, which we can sell at interesting  
prices. Send us your requirements.

**N. SMITH**  
138 York St. - Toronto, Ont.

### Robt. Coltart & Co.

Royal Liver Building  
Liverpool England

Agents for the sale of  
Pine, Spruce and Hard-  
woods. Correspondence  
invited.

Cables—"COLTART" Liverpool

### Cant & Kemp

52 St. Enoch Square  
**GLASGOW**

### Timber Brokers

Cable Address, "Tectona," Glasgow  
A1 and ABC Codes used

### FARNWORTH & JARDINE

Cable Address: Farnworth, Liverpool  
**WOOD BROKERS  
and MEASURERS**

2 Dale Street, Liverpool, and  
Seaforth Road, Seaforth, Liverpool,  
England





# Quick Action



## You Can Have It

Try the Canada Lumberman Wanted and For Sale Department. Have you anything you wish to buy or sell in the Lumber Industry? You will find this department inexpensive, and a very effective business getter.

Our Classified Advertisers do not repeat the ad, often. They don't have to. They report immediate results. Use these columns to your own advantage.

**CANADA  
LUMBERMAN  
and WOODWORKER**  
347 Adelaide St. W.  
TORONTO



***"Well Bought is Half Sold!"***

**"Truly may it be said  
of the following:—**

**"Day by day in every way  
They're getting better and better."**

- 9 M' 1 x 4" & up—6/16' Good White Pine.
- 9 M' 1 x 4" & up—6/ 9' Good White Pine.
- 15 M' 2 x 4" & up—6/16' Good White Pine.
- 20 M' 2 x 4" & up—6/16'—No. 2 Cuts & Btr. W.P.
- 2 Cars 2 x 4" & up—6/16' No. 2 & 3 Cuts W.P.
- 200 M' 3 x 6" & up—8/16' Mill Run W.P.
- 2 Cars 4/4" C. & C.F. Norway.
- 2 Cars 4 x 4"—10/16' Merchantable Spruce.

***Go to it while  
the going is good."***

**Canadian General Lumber Co.**  
Limited

**FOREST PRODUCTS**

TORONTO OFFICE:— 712-20 Bank of Hamilton Building

Montreal Office:— 514 Canada Cement Company Bldg.

Mills: Byng Inlet, Ont.

### TRANSIT CARS

We have at all times inch and two inch B.C. Stock in transit. Particulars on application. We are in the market for medium size blocks of Spruce and Hemlock, inch and two inch, Merchantable grade, and No. 1 White Pine mill culls from 6 to 12'. In writing quote your lowest prices.  
THE FOLEY LUMBER COMPANY,  
18 Toronto Street,  
Main 2746 Toronto. Hill. 6939

Manufacturers of

**WIRE** For TYING, BUNDLING  
and many other purposes  
NAILS  
**LAIDLAW BALE TIE CO., Ltd**  
HAMILTON, ONT.

### SAVAGE & BARTLETT

FOREST ENGINEERS  
Timber Estimates, Maps, Topographic  
and Boundary Surveys  
15 State St., BANGOR, MAINE

### W. Y. LLOYD

350 Confederation Life Building,  
TORONTO, Ont.

Dealers in Eastern and Western  
**Canadian Softwoods**

Pine, Spruce, Fir, Hemlock  
Lath and Shingles.

Soliciting enquiries.

### Money Saved, Money Earned

By applying correct cutting  
methods

Our ESTIMATES help you

**James W. Sewall**

Forest Engineer

Old Town, Davidson Bldg.,  
Maine. Washington, D.C.

Largest Cruising House in America.

### SPECIALTIES

Sawed Hemlock  
Red Cedar Shingles  
White Pine Lath  
Bass and Poplar Siding

**James Gillespie**

Pine and Hardwood

**Lumber**

Lath and Shingles

North Tonawanda, N. Y.



**P. L. CANFIELD****Wholesale Lumber****Woodstock - Ontario**

B.C. Fir, Larch, Cedar, Hemlock and Spruce

B.C. Western Soft Pine

B.C. Western White Pine

above grades In Shop or Common

**B.C. PRODUCTS ALWAYS IN TRANSIT****ROSE-McLAURIN**

LIMITED

1226 Bank of Hamilton Building TORONTO

Phone Main 6752

*We Specialize in***British Columbia Lumber and  
Timber and Red Cedar Shingles***Let us quote you. Our prices are right*

We also handle the well known

**"TEN-TEST" SOLID FIBRE BOARD****A Permanent Lumber  
Service**

**A**FTER several years of inactivity we are now cutting on our modern fully equipped mills at Manistique and Little Lake, Upper Michigan. The timber behind these mills was purchased many years ago by the Stack interests from the then "unlimited" supply. Its quality, particularly the maple and birch, is the envy of northern mill men among whom this tract is famous.

This timber will run the mills to full capacity for fifteen to twenty years. The 40,000,000 feet annual cut will run:

15,000,000 ft. maple annually  
6,000,000 ft. birch annually  
2,500,000 ft. beech annually  
2,500,000 ft. elm annually  
900,000 ft. basswood annually  
200,000 ft. ash annually  
6,000,000 ft. hemlock annually  
3,000,000 ft. white pine annually

the balance in Spruce and Tamarack.

Our exceptional service, grades, and manufacture will be maintained.

"Low freight rate shipments by water to Toronto, Montreal, Owen Sound, Port Arthur, and other Great Lakes and St. Lawrence River Ports. Conveniently located also for rail shipments to inland points by C.P.R. or Soo line."

We will be pleased to hear from old friends and from new ones who can understand and appreciate what permanent connection with such a source of supply would mean.

**STACK LUMBER CO.**

ESCANABA

MICHIGAN

**W.S. LOGGIE****and Company, Limited**

*Manufacturers  
of Lumber  
including*

**SPRUCE, PINE  
and LATHS****Head Office****Chatham, N.B.****Mill****Inkerman, N.B.****The Rat Portage Lumber Co., Limited, Vancouver**

MANUFACTURERS OF

**DOUGLAS FIR, SPRUCE AND HEMLOCK**

FLOORING, CEILING, SIDING, INTERIOR AND EXTERIOR  
FINISH OF ALL KINDS INCLUDING MOULDINGS

**Rough Kiln Dried and Green Clear Fir in All Sizes**

Boards, Shiplap, and Dimension

**ROUGH TIMBERS UP TO 90 FEET LONG**

WE SPECIALIZE IN 1/4  
SCANT SIZED DIMEN-  
SION, ALSO DIMENSION  
AND BOARDS IN THE  
ROUGH



# FRASER COMPANIES, Limited

Bleached Sulphite Pulp Mill. Saw Mills (all Band Saw Mills). Shingle Mill

HERE THEY ARE ON THE MAP



## Mills and Railway Connections

Saw and Shingle Mills	Railway Connections
Cabano, Que . . . . .	Temiscouata Ry.
Notre Dame du Lac, Que. . . . .	Temiscouata Ry.
Glendyne, Que . . . . .	C. N. Ry.
Estcourt, Que. . . . .	C. N. Ry.
Sully, N. B. . . . .	C. N. Ry.
Edmundston, N. B. C.P.R., C.N.R. and Temiscouata Ry.	
Magaguadavic, N.B. . . . .	C. P. R.

Saw and Shingle Mills	Railway Connections
Baker Brook, N. B. . . . .	C.N.Ry., Temiscouata Ry.
Plaster Rock, N.B. . . . .	C. P. R.
Summit, N. B. . . . .	C. N. R.
Fredericton, N. B. . . . .	C.P.Ry and C.N.Ry.
Nelson, N. B. . . . .	C. N. Ry.
Campbellton, N. B. . . . .	C. N. Ry.

Bleached Sulphite Mill, Edmundston, N. B. . . . . Railway Connection, C.P.R., C.N.R. and Temiscouata Ry.  
Sulphite Mill, Chatham, N. B. . . . . Railway Connection, C. N. R.

Bleached Sulphite.

Rough and Dressed Spruce.

White Cedar Shingles.

Railway Ties

Piano Sounding Board Stock a Specialty.

Selling and Purchasing Offices :-- EDMUNDSTON, N. B.



# Dry Hardwood for Immediate Shipment



1	Car	12/4"	Birch	No. 1 B & B.
5	"	8/4"	"	No. 1 C & B, 15% No. 2.
8	"	4/4"	"	No. 1 C & B, 20% No. 2.
1	"	4/4"	"	No. 3 Common.
10	"	8/4"	S. Elm	No. 1 C & B, 10% No. 2.
15	"	4/4"	"	No. 1 C & B, 20% No. 2.
4	"	4/4"	"	No. 2 & 3 Common.
5	"	6/4"	Beech	Log Run.

3	Cars	4/4"	Beech	No. 2 C & B, 20% No. 2
1	"	8/4"	Basswood	No. 1 C & B, 10% No. 2
4	"	4/4"	"	No. 1 C & B.
1	"	5/4"	S. Maple	Log Run.
1	"	4/4"	"	No. 1 C & B, 20% No. 2.
20	"	4/4"	Hardwood	Crating.
1	"	5 x 5	Maple	Box Hearts.

The  
**PEDWELL HARDWOOD LUMBER CO.**  
Ft. Spadina Ave., TORONTO

## The Stamp of Approval

has already been placed on the new suite of rooms, tastefully done in Douglas Fir, Western Hemlock, Red Cedar, Western White Pine, Cottonwood and Larch

at 51 Yonge Street,

Architects and home builders are delighted with effects produced with exclusively Canadian woods.

It is an exhibit which should be seen by every progressive lumberman.

**British Columbia Lumber Commissioner**  
51 Yonge St. - Toronto

## The Smile of Satisfaction

Know what real satisfaction means by giving McDonagh Lumber a trial. Wholesale Hardwoods (Native and Foreign), Crating Spruce, Pine and Hemlock, Canadian Birch, Basswood and Maple.



Every Shipment Guaranteed

**The McDonagh Lumber Co.**  
226 Confederation Life Building, TORONTO

## Planing Mill Stock

### CYPRESS

Soft, Dry Stock, Finest Grades—  
All Thicknesses— 4/4, 5/4, 6/4, 8/4, 10/4, 12/4

### Yellow Pine Finish

Kiln Dried, Soft, Short Leaf Kind

Stock Widths  $\left. \begin{matrix} 4/4 \\ 5/4 \\ 6/4 \\ 8/4 \end{matrix} \right\}$  by 4", 6", 8", 10", 12'

Also OAK, ASH, POPLAR, GUM  
**WISTAR, UNDERHILL & NIXON**  
Real Estate Trust Bldg., Philadelphia, Pa.

## Pine, Spruce, Birch, etc.

Always on hand a large quantity Specialty Birch for Export.

*Send your enquiry*

**ROCH JULIEN**  
MORIN BUILDING, QUEBEC CITY  
2,700 Acres of FREEHOLD land for sale

## THOS. N. PHILLIPS

### Lumber - BRITISH COLUMBIA - Shingles

*Dealing through me you can depend on:—*

Quick action on your inquiries. Shipment as promised. Grades that please.

Prices that are right.

**Royal Bank Building**

**Toronto, Ont.**



QUOTATIONS  
SENT  
PROMPTLY

# DRESSED SPRUCE

Sized Hemlock, White and Red  
Pine, Jack Pine, B.C. Products  
**Larkin Lumber Company**  
236 Confederation Life Bldg.  
TORONTO, ONT.

QUALITY  
AND  
SERVICE

## AUSTIN & NICHOLSON LIMITED

CHAPLEAU, ONTARIO

Lumber, Lath, Ties, Pulpwood.  
Quick Dressing and Matching in Car Lots  
a Specialty.

Mills at DALTON, NICHOLSON, DEVON

## NORWAY

8000' 4/4" and 10/18' Clear and Clear Face.  
48000' 8/4" Clear and Clear Face.  
16000' 4/4" and 8/4" Clear and Clear Face.  
6 and 8 feet long

## REDWOOD IN TRANSIT

1/2 Car 8/4" No. 1 Shop.  
1/2 " 6/4" No. 1 Shop.  
2 " 4/4", 5/4", 6/4" and 8/4" Clear

Phone or wire at our expense for prices.

**THE EASTMAN LUMBER COMPANY, LIMITED**  
33 Sun Life Building, Hamilton, Ontario. Phone Regent 162

## BOOKS FOR SALE at Special Prices

Baughman's "Buyer & Seller." The handiest labor-saving book for lumbermen ever devised. Desk size, 300 pages, \$3.50. Pocket edition, 188 pages, \$1.50.

"Climax" tally book, bound in sheep, with hand strips. Size 4 1/4 x 8 1/2, 110 pages. Price \$2.00.

"Lumber—Its Manufacture and Distribution," by Ralph Clement Bryant. Just published by John Wiley & Sons, 539 pages, 156 figures, Price \$4.50.

"Scribner's Lumber and Log Book," 1921 edition, price 75c.

"Seasoning of Wood," a Treatise of the Natural and Artificial Processes Employed in the preparation of Lumber for Manufacture, with Detailed Explanation of its Uses, Characteristics and Properties, by Joseph Wagner. Published by D. Van Nostrand Company, in 1917, 274 pages, illustrated. Price \$3.00.

"The Kiln Drying of Lumber," a Practical and Theoretical Treatise, by Harry Donald Tiemann, M.E., M.F. Published by J. B. Lippincott Co. 316 pages, illustrated. Price \$5.50.

**Canada Lumberman**

347 Adelaide Street West  
TORONTO

# Everything in Lumber

The  
**McLennan Lumber Co., Ltd.**  
Office and Yard: 21 Dorchester Street W., Montreal  
P.O. BOX 1854 PHONE PLATEAU 1300

F. N. Waldie, President.

R. S. Waldie, Vice-President

W. E. Harper, Secretary.

# The Victoria Harbor Lumber Co., Ltd.

Manufacturers of

# Lumber and Lath

Mills at Victoria Harbor, Ont.

HEAD OFFICE,  
12-14 Wellington Street East, TORONTO, ONT.



# BUY BRITISH COLUMBIA Red Cedar Shingles



The life of a British Columbia Red Cedar Shingle Roof can almost be gauged by the life of the nail with which the shingle is nailed in place. Judging from available data, the average life of the ordinary steel wire nail, which has been in such common use, is only from seven to twelve years. Some wire nails will last longer, depending upon the condition of exposure, climate and similar features, but considering our climate as a whole, at the end of from seven to twelve years a large percentage of wire nails will have rusted either completely through or so extensively that the first strong wind will complete the work. The shingles that have been held in position by such nails are then free to work down, permitting rains or melting snows to leak through and damage the interior of the structure. Examination will disclose that the fibre of the shingle itself is still in perfect condition, and a leaky roof, in the majority of occasions is due entirely to the use of faulty nails, but the average home owner, placed at such inconvenience, will not stop to reason this out and the poor wooden shingle comes in for more unjust abuse.

There are several kinds of nails which experience has proven will give lasting satisfaction, and the wise dealer will advise his customers of these satisfactory nails. A pure zinc shingle nail meets all the demands of durability required. Its principal drawback is its high cost and a slight tendency to bend under careless driving. Galvanized wire nails theoretically are rust proof, and if the galvanized coating is properly applied, and of sufficient thickness, such a nail will last as long as the shingle it holds in place. The life of this shingle roof, properly applied with these nails then is from 40 to 50 years. Pure iron nails, or the old cut or wrought nails are ideal but difficult to secure. Copper nails also constitute a perfect shingle nail.

## Timms Phillips & Co., Ltd.

Yorkshire Bldg., Vancouver  
Manufacturers and Wholesalers

### Red Cedar Shingles

3x-5x- Perfections, Royals, Imperials

### Red Cedar Bevel Siding

## Vancouver Lumber Co., Ltd.

Manufacturers

### XXX-XXXXX CEDAR SHINGLES

(B. C. Inspected)

Head Office,  
Vancouver, B.C.

Eastern Sales Office  
Toronto, Ont.

## Westminster Mill Co.

LIMITED

New Westminster, B.C.

### Red Cedar Shingles

### Cedar Bevel Siding

## Dominion Timber Products Ltd.

Vancouver Block  
Vancouver

Largest Manufacturers of  
**Perfection Shingles**  
in Canada

## Underhill Lumber Co., Ltd.

Dominion Bldg., Vancouver

### RED CEDAR SHINGLES

3x-5x- Perfection and Eurekas

### CEDAR BEVEL SIDING

### CEDAR BUNGALOW SIDING

## Shull Lumber & Shingle Co.

Limited

New Westminster B. C.

Trade Mark

### RED BAND SHINGLES

XXX XXXXX Stars Clears  
From Mill to You

## Northern Pacific Logging Co. Ltd.

Port Moody, B.C.

Manufacturers of

**High Grade  
Red Cedar Shingles**

If you want a market  
for B. C. Red Cedar  
Shingles put an advert-  
isement on this page.





A NEW STRUCTURE — REARED ON THE  
SOLID FOUNDATION OF BUSINESS INTEGRITY

## A. E. GORDON LUMBER CO.

705-6 Confederation Life Building

Phone Adelaide 4281

TORONTO, ONT.



**The Spanish River Lumber Co. Limited**  
**LUMBER MANUFACTURERS**      **CUTLER, ONTARIO**

**WHITE PINE,  
NORWAY PINE,  
HEMLOCK**

**Shipments  
by Rail  
or Water**



# SCOTT, DRAPER & COMPANY

11 SAULT AU MATELOT STREET, QUEBEC.

## PULPWOOD, LUMBER AND TIES

LET US KNOW YOUR REQUIREMENTS

WRITE, WIRE, OR PHONE

### WILSON BROS.

*Wholesale Lumber*

WOODSTOCK - ONTARIO

All kinds of Sawn Lumber  
Your enquiries solicited.

We are open to consider offers on cuts of Jack Pine, Spruce, Hemlock and White Pine. Also standing Rock Elm. Quote us on any Lath you have to offer.

Can supply No. 1 Com. & Btr. Rock Elm, 4/4, 5/4, 6/4, 8/4 and 10/4. Quotations upon application.

### Thompson Heyland Lumber Co.

123 Bay Street - - - Toronto

For Sale

Everything in Dry Hemlock Lumber.  
500 M. 1 x 4 x 5 x 6 in choice Merchantable Spruce.

Wanted to buy

2 million feet Spruce, Jack Pine and Hemlock for spring delivery.  
10,000 cords of Spruce and Balsam, peeled pulpwood.  
10,000 cords peeled poplar.  
50 M. Ties in Cedar, Hemlock and Jack Pine.

Will make the necessary advances.



GILLIES BROS., LTD.

BRAESIDE

ONTARIO

WHITE PINE

RED PINE  
SPRUCE

*Dry Stock  
Well Sawn  
Prompt Shipment*

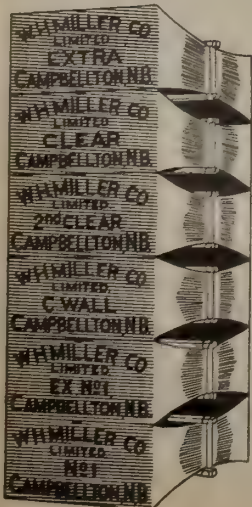
### Greig-Morris Limited Toronto

Dry Spruce for quick shipment 1 x 4 and up—merchantable 8/16 2 x 4-5-6-7-8.

Can ship straight cars of each width 160M—2 x 3 to 12—8/16 merch. Spruce and Jack-pine.

*Write or Phone for prices*

We are also open to purchase Birch, Maple and Softwoods.



### The Same Good Quality

that makes these New Brunswick White Cedar Shingles famous is still found in every shipment that leaves our plant.

If you want to get the reputation of selling something really good this is the kind to handle. Made by

**W. H. MILLER CO. LIMITED**  
Campbellton, N. B.

We also manufacture Spruce and Pine Lumber, Lath, Cedar Tiles, etc.



## MEMBER MILLS

Alberta Lumber Co., Ltd.  
 Dominion Creosoting & Lumber Co., Ltd.  
 Eburne Sawmills Ltd.



## MEMBER MILLS

Ladner Lumber Limited  
 Robertson & Hackett Sawmills, Ltd.  
 Timberland Lumber Co., Ltd.

# Douglas Fir

# Western Hemlock

The combined resources of our Six Mills enable us to give prompt shipment of straight cars, Shed Stock, Mixed Cars, Uppers and Commons, Straight Cars Dimension, Timbers.

## Associated Mills Limited

Vancouver, B. C.

Eastern Representative: J. T. Todd

1305 Bank of Hamilton Bldg., Toronto, Ont.

### ENGELMANN

Daily Capacity  
100,000 Feet

### LUMBER

Stock 10,000,000 Feet

We manufacture both Eastern and Western Standard up to 12 inches wide and 20 feet long.



Uniform Grades Guaranteed

## SPRUCE

(Air Dried)

Mountain Lumber  
Manufacturers  
or  
Western Pine Grades

*"The Spruce Supply"*

### WHITE

Superior  
Manufacture

### LATH

Stock 2,000,000 pieces

### Specialties

Shelving, Drop Siding,  
Flooring and Ceiling  
Resawn Boards

# U. G. G. SAWMILLS LTD.

QUALITY

HUTTON, B.C.

SERVICE



# Thurston-Flavelle, Limited

MANUFACTURERS OF

## British Columbia Red Cedar Exclusively Cedar Bevel Siding, Finish, V-Joint and Mouldings

Our Shingles are all Packed by the "Thousand"

Straight or mixed cars with XXX and XXXXX Shingles.

Stocks carried at Lindsay, Ont., for quick shipment

Ontario Agents:

Gull River Lumber Co., Ltd., Lindsay, Ont.

Quebec and Maritime Provinces Agents:

Rose-McLaurin Limited, 2 Toronto St., Toronto.

Full particulars from our Eastern Agents.

### Head Office and Mills, Port Moody, B. C.



## Our Service Measures up With the Best of 'em

Time and again we have demonstrated to buyers our ability to surpass in quality, in value and in quicker shipments. Ours is a personal service. We try to learn the buyer's **Individual** requirements so as to give him better satisfaction in

### British Columbia Lumber

Long experience has taught us a great deal about the requirements of buyers of Lumber and we will appreciate an opportunity to demonstrate the advantage of this experience to you in dollars and cents.

## APEX LUMBER COMPANY, LTD.

Ontario Representative: J. D. Robinson, 225 Hall Avenue,  
Windsor, Ont.

Vancouver, B.C.

# Gloucester Lumber & Trading Co.

Manufacturers of

Well Graded  
and  
Manufactured

## SPRUCE AND PINE LUMBER, LATH SHINGLES AND RAILWAY TIES

Prompt  
and  
Reliable

Mills at Bathurst, N.B., Burnsville, N.B.

Head Office:—Bathurst, N.B.



# WHITE PINE

All  
Grades and Sizes  
  
30  
  
Million Feet

In Stock  
  
For Immediate Shipment

Stocks at  
Pakesley  
and  
Victoria Harbour

*Write for Quotations*

**SCHROEDER  
MILLS AND TIMBER CO.**

Frank J. Archibald, Sales Representative  
Room 305 Stair Bldg. 123 Bay St., Toronto, Ont.

ESTABLISHED 1893

INCORPORATED 1916

**ROBERT BURY  
& COMPANY**  
(CANADA), LIMITED  
1 Spadina Avenue Toronto

Our Dry Kilns have a capacity for drying 200,000  
feet per month. We will dry your transit cars.

All Canadian and American  
Hardwoods  
MAHOGANY  
WALNUT  
VENEERS AND PANELS  
of every description

*THIS WEEK'S SPECIALS*

## DOOR PANELS

HARDWOOD TRIM  
(Kiln or Air Dried)

## VENEERS

MAHOGANY, OAK, WALNUT, GUM,  
BIRCH, BASSWOOD, ASH, MAPLE, and ELM  
Log run or cut to dimension

## PANELS

BIRCH, BASSWOOD, ASH, MAPLE, ELM, FIR,  
MAHOGANY, WALNUT, OAK and COTTONWOOD

**We Specialize in Mixed Ship-  
ments of Dry Hardwoods,  
Veneers and Panels**

*This is a good time to conserve your cap-  
ital by making purchases in  
this manner*



## Hardwoods Wanted

Send us in your list of  
lumber and let us get  
together.

**The Kinnon Lumber Company Ltd.**  
454 King Street, West      TORONTO

## JAMES C. McCUAIG & CO.

Lumber, Logs, Telephone,  
Telegraph Poles  
Railway Ties, Pulpwood

410 Union Bank Building  
**OTTAWA      ONTARIO**

CABLE ADDRESS:  
"LUMBEROLL"

Codes:  
A B C 5th EDITION  
ZEBRA CODE 3rd EDITION

*The*  
**Rolland**  
**Lumber Co.**  
LIMITED

WHITE PINE AND SPRUCE

Export and Domestic

62 St. James St. Montreal, Canada

## FRASER BRYSON LUMBER CO., Limited

Office : Fraser Building,  
53 Queen Street      OTTAWA, Can.

*Wholesale Lumber Dealers  
and Selling Agents for*

**FRASER & CO.**  
Manufacturers

**White Pine, Red Pine,  
Spruce, Hardwood  
Lumber and Lath**

## R. Imrie Lumber Company

18 Toronto Street, Toronto

Phone Adelaide 580

We offer for quick shipment the following:

### 5TH & BTR. SPRUCE & JACK PINE

1 Car 1 x 3 & up—abt. 15% 3"—2 cars 2 x 3 & up )  
2 " 2 x 3 (scant) 1 car 1 x 3 ) Dry Stock

### SOUND WORMY & M.C. SPRUCE & JACK PINE:-

3 cars 1 x 3 & up 1 car 2 x 3 & up—Dry stock.

### 1922 CUT MILL RUN NORWAY PINE:-

Abt. 49,000 ft. 1 x 4 & up—29,000 ft. 1 x 4 & 5  
11,000 1 x 6 —23,000 2 x 4  
55,000 2 x 4 & up—58,000 2 x 6  
50,000 2 x 8 —22,000 2 x 10 & 12  
12,000 3 x 8 —24,000 8 x 8  
2" 3" and 8 x 8 very heavy to 16 ft. evens lengths & widths.

### 1922 CUT MILL RUN WHITE PINE:-

Abt. 25,000 ft. 1 x 4 & up—65,000 ft. 2 x 4 & up  
7,000 1 x 4 & 5 —4,000 2 x 4  
6,000 2 x 8 —7,000 2 x 10 & 12  
6,000 1 x 8 & up—24,000 2 x 4 & up Mill Culls.

PRICES ON COAST AND MOUNTAIN STOCKS ON REQUEST

## Gregertsen Brothers Co.

McCormick Building  
**Chicago, Ill.**

Yards and Planing Mill at Cairo, Ill. where we  
carry four million feet of high grade Cypress for  
quick shipment.

*We are the Cypress Specialists*



# British Columbia Lumber

*"Manufactured in Modern Mills"*

Quality Lumber in all Grades and Sizes

Specialites:—

Fir Cross Arms

Spruce Box Shooks

Klin Dried Finish & Flooring

Rail Shipments to all parts of Canada  
and United States

## Cameron Lumber Co., Ltd.

Office & Mills - VICTORIA, B. C.



## Let us Serve You!

Long Timbers

Deep and Heavy Joists

Special Industrial Items

Rough—any size up to 110' long,  
S4S up to 16x20 x 100'

## Timberland Lumber Co., Limited

New Westminster, B. C.

Mills: South Westminster—Logging Camps: Ladysmith, Vancouver Island.  
Shipments over all railways.

LUMBER OF ALL KINDS

# SANTERRE

AND

# PINEAU

Rimouski, Quebec

*Manufacturers and Wholesalers of Lumber*

Quality Service, and Delivery Guaranteed

MILLING IN TRANSIT A SPECIALTY

# Sidney Mills Ltd.

SIDNEY, BRITISH COLUMBIA

Manufacturers of Fir, Hemlock, Cedar  
and Spruce Lumber.

Rail and Cargo Shipments.



TRADE MARK

Selling Agents:

## McElroy Lumber Co., Limited

(G. H. Walton J. Lightbody D. A. Matthew)

Exporters and Shippers  
of

Mixed and Straight Cars of  
all B. C. Forest Products  
VICTORIA, B.C.

Ontario Representatives:

HARRY TURNBULL,  
North Brock St.  
Sarnia, Ont.  
L. D. Phone 205

J. L. NEVISON & C. J. BROOKS,  
7 Adelaide St. W.,  
Toronto, Ont.  
Phone Adel. 7718



**International Land & Lumber**  
**Company Limited**  
**LUMBER**  
 AND  
**RAILWAY TIES**

Limits and Mills: ST. FELICIEN, LAKE ST. JOHN DISTRICT, QUEBEC

**"LOOK**

Dry Jack Pine Flooring, V Sheeting & Etc.

1 Million feet of 1 x 4 and 5-10-16 feet Common and Better—Excellent Mill work at Shipping point.

**ALSO**

Assorted stocks of Hemlock, Spruce and Pine.

**MILLMEN**

We are always open to buy cuts of Spruce, Hemlock and Pine."

**ARTHUR N. DUDLEY**

Manufacturer and Wholesaler

108-109 Stair Building,

TORONTO, ONT.

TELEPHONE MAIN 6368



**MIXED CARS**

We operate our own remanufacturing plant which enables us to offer a *Better Service* on your orders for *British Columbia Lumber* and *Red Cedar Shingles*.

*Underhill*  
**LUMBER CO. LTD.**

**Vancouver, B. C.**

Fir Flooring

Fir Ceiling

Rough Clear Fir  
 (Kiln Dried)

Casing and Base

Finish S. 4 S.

Hemlock Bevel

Siding and Finish

Red Cedar

Bevel Siding and  
 Shingles.



**Dry Hemlock, Spruce and Pine**  
 In all dimensions

1920-1921-1922 cut

Ontario and Quebec stock

**TIES AND PILINGS**

Also PINE, SPRUCE and HEMLOCK LATH

*All for immediate shipment.*

**Big Bear Lumber Company**

Telephones Main 651-1218-1219.

Suite 208 Excelsior Life Building, Toronto, Ont.



# Anderson, Shreiner & Mawson

ALL KINDS OF HARDWOOD AND SOFTWOOD  
LUMBER

*Specialties*  
BIRCH AND MAPLE  
All Thicknesses

ROOM 411, COLONIAL BLDG.  
13 KING ST. WEST, TORONTO

MILLS AT  
KING LAKE and EAGLE LAKE, ONT.

Write or Wire Us, or Phone Adelaide 8085

*Canadian Tie and Lumber Co.*

LIMITED

511 Temple Building,  
Toronto, - Ontario

Phone Main 1151.

Cutting Capacity 300,000 Ft. per Day

## J. J. McFADDEN LIMITED

Red & White Pine **LUMBER** In Any Quantities

The above is supplied by us in all standard grades and dimensions. All lumber is of guaranteed quality and grade as ordered.. Our location and facilities enable us to give our patrons the utmost in service and prompt shipments.

Mills at: - SPRAGGE, ONT. & BLIND RIVER, ONT.



## Milling in Transit

A Well Equipped Mill

C.P., G.T., & C.N. Railway Connections

*Special Mill Work Prompt Service*

**J. R. Eaton & Sons, Limited**  
ORILLIA, ONT.

## NEW EQUIPMENT

New Dressing and Resawing Plant with "Woods" Fast Feed Planer Matcher with Profiler, and "Yates" Resaw

Situated on C.N.R. at Nelson N.B. Milling in Transit

These additional facilities were made necessary by our growing business. With it we will be able to offer even greater service and quality to our customers.

## O'BRIEN LIMITED

Established 1869 by John O'Brien

Manufacturers of Lumber Rail and Deep Water Shipment  
South Nelson, N. B. Miramichi, Can.

# Watch This Space Next Issue

**R. G. CHESBRO**

Bank of Hamilton Bldg. - Toronto

Herbert F. Hunter, Vice President

**The Hunter Lumber Company, Inc.**

New Britain, Conn.

## WHOLESALE LUMBER

Correspondence solicited with parties having spruce and pine ready to ship, and to be milled the coming season. Will furnish schedules. Give your Cash Prices delivered Boston and Connecticut points.

## British Columbia Lumber, Timbers & Shingles Direct from best mills.

In Transit

- 1 Car 3X B.C. Cedar Shingles.
- 1 " 105M 5X 97M No. 2 5X.
- 1 " 16,000' No. 2 Cedar Shiplap, 12,000' No. 2 Fir Shiplap.
- 1 " 1/4 Scant Fir Joisting 2" x 10 & 2" x 12", 16' to 20'.

Write me for anything you require.

**D. WILLIAMS**

40 Major Street,

Wholesale  
Commission Dealer  
TORONTO

Phone Trinity 5456

## JOHN ABRAMS' SONS, LTD.

*Founders - Machinists - Blacksmiths*  
**SAWDUST BLOWERS LATH MACHINES**

For small Stationary and Portable Saw Mills we manufacture a 32" Sawdust Blower which has given excellent satisfaction to several hundred mill owners.

*Can ship promptly. Write for prices*

**MONCTON, N. B.**

## BALED SHAVINGS FOR SALE

Apply to

**L. S. BARRAND**

Pembroke, Ont.



# Mason, Gordon & Co., Limited

80 St. Francois Xavier St.

(Wholesale Only)

Montreal, Que.

**British Columbia Products**

**White Pine and Quebec Spruce, Fir Doors**

(Carload Lots)

Vancouver Office:

Pacific Building

Hubert C. Gordon

Representative

Exclusive Representatives

Quebec and Maritime Provinces

B.C. Mills, Timber & Trading Co.

Vancouver, B. C.

**MK**

**LUMBER**

**MK**

**L  
A  
T  
H**

**MUIR & KIRKPATRICK**

1325-6-7-8 BANK OF HAMILTON BLDG.

TORONTO, CANADA

MANUFACTURERS AND WHOLESALERS

**L  
A  
T  
H**

**MK**

**LUMBER**

**MK**

**BALED SHAVINGS**

CAR LOTS

**W. C. EDWARDS & Co., Limited**

OTTAWA

—•—

CANADA



## Manufacturers and Wholesalers of Canadian Hardwood and Softwood Lumber

Specializing in Rock Elm, and Oak Ship Timber. Hard Maple, Birch, Soft Elm and Basswood Lumber. We also handle B.C. Fir and Pine in all thicknesses and grades.

To mill men:

We will buy your full cut of Lumber.

Heavy Portable Sawmill with Power and Camp Equipment for sale. Terms arranged.

# HALL BROS., LIMITED - 300 Crown Office Bldg.

Write

Phone Main 2806  
Phone

or Wire

TORONTO



*"Lumber at first cost"*

Cable Address  
'BENLUMCO'

Codes used  
ABC 5th Western Union  
Universal

## Bennett Lumber Co., Limited

Manufacturers and Exporters

### Spruce, Pine and Hardwood Lumber

### American Hardwoods & Mahogany

11 St. Sacrament St. MONTREAL, P.Q.

## Story Lumber Co., Ltd.

Wholesale Lumber Dealers

Pine Spruce Hemlock Hardwood

Head Office: 701-703 Hope Chambers,  
Ottawa, Canada

Branch Office: 30 St. John Street, Montreal, Que.



Above: Every strand of Link-Belt Chain is tested under load before shipping.

Insert: The Link-Belt Laboratory. Years of research and experiments have enabled us to reach and maintain the high Link-Belt standards.



Showing stock of chain at one of our warehouses.

### HERE'S WHY YOU SHOULD USE LINK-BELT CHAINS

EVERY strand of Link-Belt chain is not only made from the best materials, but is inspected and tested under load for strength, and uniformity of pitch.

Uniform high-tensile malleable iron castings—hard smooth pins—hard smooth cored holes for pins—generous wearing shoes for dragging—uniformity of pitch,

giving good sprocket action. These are reasons why Link-Belt Chains wear longest.

Measure values in length of service, and you will find that Link-Belt Chains are cheapest in the long run.

This >—< mark identifies genuine Link-Belt Chain.

CANADIAN LINK-BELT COMPANY, LTD.

TORONTO—WELLINGTON AND PETER STREETS

MONTREAL—10 GAUVIN LANE

# LINK-BELT



# DRY LUMBER

We can offer the following block of  
**RED PINE**

subject to prior sale and for immediate shipment:

28,000 ft. 2 x 3/4 6/16 (Practically all 4")  
23,000 ft. 2 x 5 6/16  
34,000 ft. 2 x 6 6/16  
7,500 ft. 2 x 8 6/16  
1,200 ft. 2 x 10 6/16  
60,000 ft. 2 x 4/10 6/16 Mixed.  
32,000 ft. 1 x 3/up 10/16 (Largely 4, 5 and 6 in.)

*Send us your inquiries.*

For personal service, close prices, and prompt shipment,

WRITE

**J. C. BARTRAM**  
JACKSON BLDG., OTTAWA

President:  
Sir William Price

Established  
1882

Vice-Pres. and Gen'l Manager  
Alfred S. Gravel

# SPRUCE

and

# Hardwood

If its good **Quebec Spruce** you want we have it ready for prompt shipment.

Mail us your inquiries.

We also specialize in **Hardwood Flooring**.

## The Gravel Lumber Co., Ltd.

MANUFACTURERS and WHOLESALERS

Mills and Head Office  
Etchemin Bridge,  
Quebec

Selling Office:  
Room 501 Drummond Bldg.,  
Montreal



We Want to Buy

**WINTER  
CUT**

**HEMLOCK**

**Jack Pine**

**Spruce**

**LINTON LUMBER COMPANY**  
306 Kent Building - Toronto  
Phone: Adelaide 3607

# GOOD PINE

## At Gogama

19,000' 1 x 4/up 6/9' Good Shorts, White Pine.  
43,000' 1 x 4 to 6, 10/16' Good Strips White Pine  
31,000' 1 x 7/up 10/16' Good Sides, White Pine.  
4,000' 5/4 x 4 to 6" 10/16 Good Strips White Pine.  
3,500' 5/4 x 7/up 10/16' Good Sides White Pine.  
29,000' 6/4 x 6/up 10/16' Sides, Good White  
65,000' 8/4 x 6/up 10/16' Good Sides, White  
25,000' 1 x 6/up No. 3 Cuts & Better White Pine.  
7,000' 6/4 x 6/up No. 3 Cuts & Better White Pine.  
50,000' 8/4 x 6/up No. 3 Cuts & Better White Pine.

## At Cache Bay

15,000' 1 x 6/up No. 3 Cuts & Btr. White Pine.  
24,000' 8/4 x 6/up No. 3 Cuts & Btr. White Pine.

*All of the above in good shipping condition*

## The Long Lumber Company

TORONTO OFFICE: - - - HEAD OFFICE:  
25 Toronto Street - - - Hamilton, Ont.

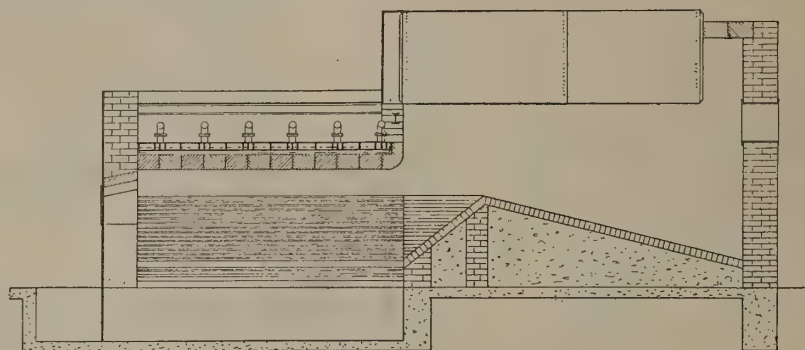


# Gates Furnace

## For Burning Sawdust and Hog Fuel

Gates Engineering Co. Ltd., 314 Notre Dame St. W.  
Montreal

*Will burn tan bark, hog fuel and sawdust efficiently, with up to 60% moisture*



Gates Air Cooled Suspended Arches

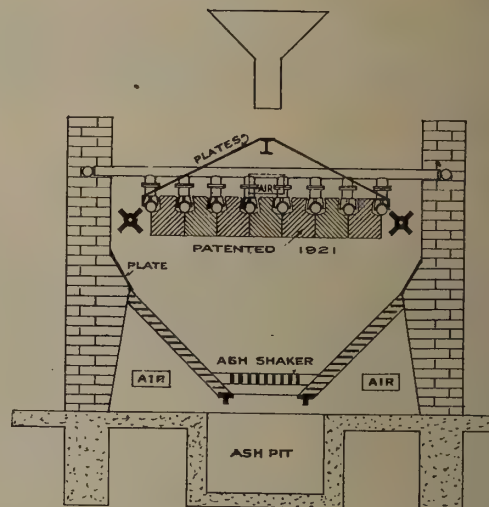
Boiler Door Arches and Jamb

The Water or Air cooled Suspension Arch, suspended over a furnace built with incline grates, to prevent the coning of sawdust and refuse material, combined with the automatic feed and drying chamber suspended directly over arch, absorbing the heat from arch roof which removes the required percentage of moisture from the material to be burned.

Note that fuel is partly dried before receiving air while passing over dry plate chamber at the lower edges, thence into combustion chamber space over the fuel bed. All ash is removed by stoking grate at the bottom of furnace.

All fuel sliding down the incline grates comes in contact with a special draft action, owing to the horizontal air spacing, through the incline grates on either side, the draft currents arrive at a focus of combustion in the centre of the furnace, causing the gases and flame to meet and roll towards the edges of dry plates, thus increasing the drying capacity, and thoroughly drying tan bark or fuel which is being burnt.

The blocks in these arches are supported independently of the other, allowing any one brick to be removed and replaced without disturbing any other portion of arch.



**We specialize in Boiler Settings and Furnace Brickwork and give the benefit of (30) thirty years' experience. Ready to go anywhere to build new Boiler Settings and overhaul and Reset old Boilers and build Furnaces.**

# Gates Engineering Company Limited

J. W. Gates, General Manager

314 Notre Dame St. West - Montreal, Can.

Phone Main 662, Melrose 367

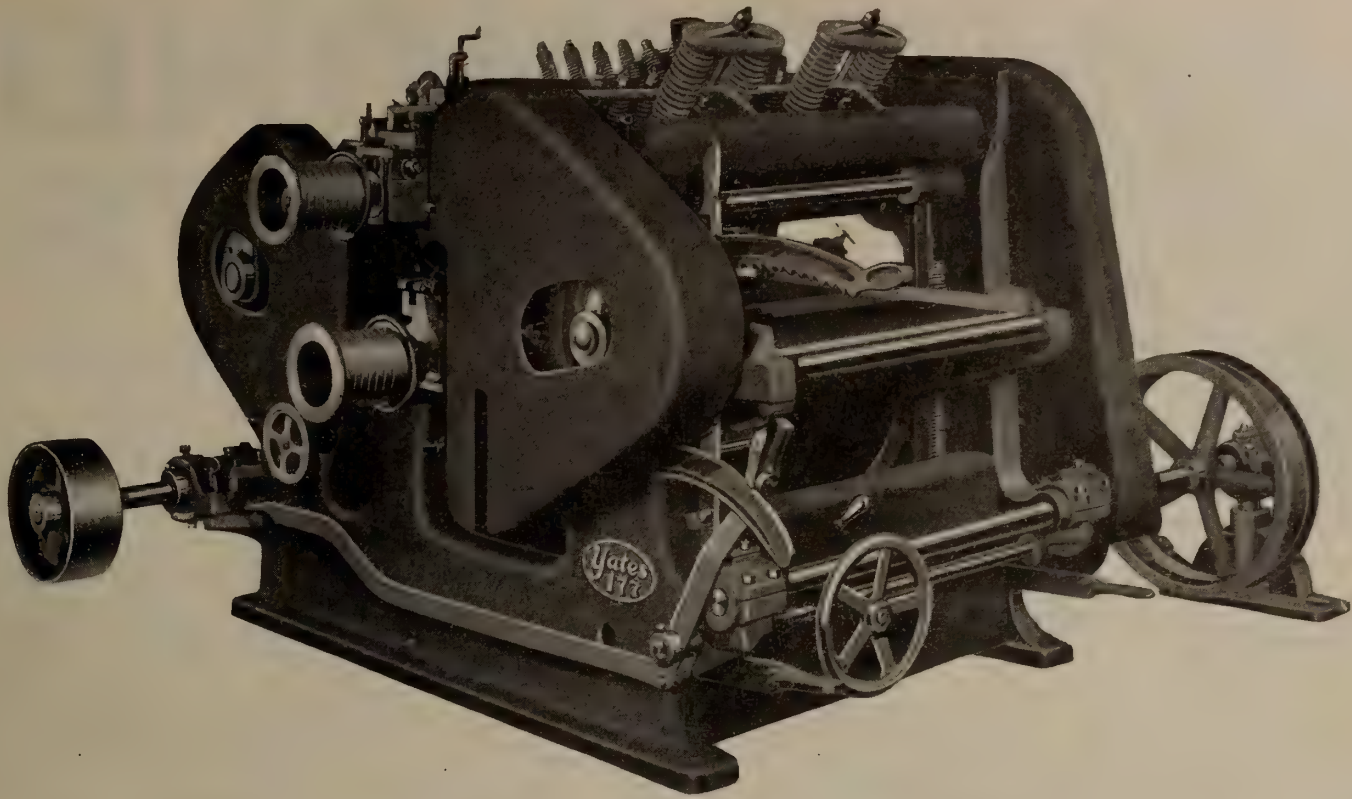
COUPON

Send us Type and Horse Power of Boilers, and we will quote you on Furnace to suit your requirements

Name .....

Address .....





# Increase Your Production With This General Purpose Surfacers

The greatest testimony to any machine is when its owner duplicates his order for that machine. Truthfully, we believe that Yates No. 177 Double Surfacers installations have led to more repeat orders than any other double surfacer.

These surfacers will be found in almost any place where surfacers are used. They are put to a variety of uses. Some places use No. 177's for finishing purposes entirely; others use them for all general purpose work. In every case they prove the best-performing and most practical machines made.

Investigate Yates No. 177's when you need surfacers. Ask for circular, you'll find it interesting reading.

***P. B. Yates Machine Co. Ltd.***

**Hamilton — Ontario**

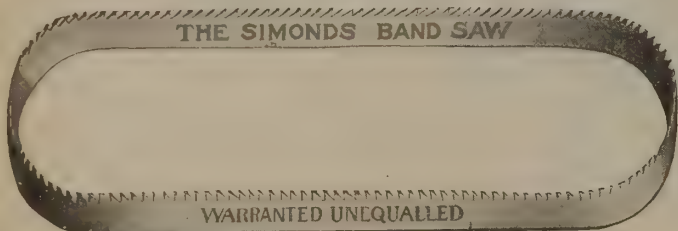
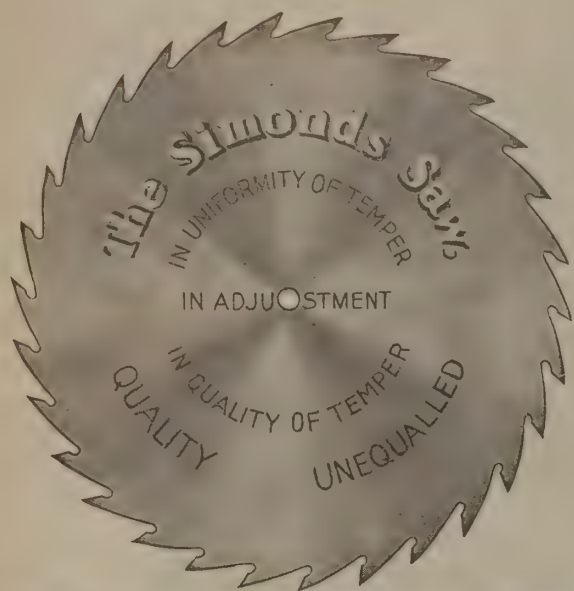
**Western Sales Office  
V. C. YOUNG**

**716 Dominion Building**

**Vancouver, B. C.**

**WORLD'S LARGEST MANUFACTURERS OF WOODWORKING MACHINERY**





# SIMONDS SAWS

When you equip your mill with Simonds Saws—Solid Circular, Inserted Tooth Circular, or Band saws you will find that you get more production and better graded lumber.

A Simonds Saw has backbone—will stand heavy feed and retain its cutting-edge longer. Their quality is guaranteed.

We make and temper our own steel.

Write for Catalog and prices

## Simonds Canada Saw Co., Ltd.

St. John, N.B.

*"The Saw Makers"*  
MONTREAL, Que.

Vancouver, B.C.

## A Clark Carriage with Hand Set Works



**You Get Expert Results With a Clark Carriage**

Extreme rigidity, special provisions for rapid operation, output that is accurate no matter how severe the service, are Clark Carriage characteristics. Our guaranteed non-breakable cast steel Carriages are the ones the practical Lumber operators buy again. Ask us why. Catalogue mailed on request. Built by

## CLARK BROS. CO., Olean, New York

*Complete Sawmill Engineers and Builders*



## How Retail Lumber Dealer Can Co-operate With Farmers of His District

*He Should Carry on Propaganda by Getting Out and Driving Some Facts Home to Those Who Have No Implement Shed—Authentic Information on the Loss Caused by Exposure, the Cost of Building Proper Shed and the Value of the Equipment Ordinarily Used on the Farm Stored Therein—What Leading Makers of Machinery Have to Say on Subject of Great Importance*

Much has been said of what the retailer can do in persuading farmers to construct implement sheds to house their farm equipment. This subject has been referred to from time to time in the "Canada Lumberman" and pictures presented showing the havoc wrought by the elements when machinery is left outdoors to withstand the rain, sleet, snow, ice, and hail.

What would be thought of the average individual who left his automobile out in all kinds of weather and never ran it into a garage, or of a woman who might be sewing on the lawn, allowing her sewing machine to stay out in the rain, or sun all summer or frost during the fall months. These pictures may be a little overdrawn but it sometimes requires exaggeration to drive home definitely a point or make some offenders realize the absurdity and unreasonableness of the stand they take on certain matters.

There are still some farmers in Eastern Canada who never think of running their agricultural implements under cover. Their whole thought apparently is that "sufficient unto the day is the evil thereof," and "Let tomorrow take care of itself." The sinister minded farmer might say "It is my own business what I do with my equipment if I have it paid for." Perhaps on a miserable, selfish basis he can do what he likes with his pastoral paraphernalia. He may burn it up or sell it for scrap iron if he so desires, but if he will adopt a sane, thoughtful view, he will recognize that he does not live to himself alone. His influence is either for good or evil in the neighborhood and if he shows progress and initiative, he is held in greater respect and esteem. Now every farmer wants to be well thought of and kindly regarded by his fellows. He may make a bluff about not giving a tinker's cuss how others regard him, but in his calmer moments he will acknowledge that he does.

### What Farmer Invests in Machinery

Even manufacturers of farm implement machinery protest at the storing of the equipment in the open because the outdoor storage cuts the life of the implements in two and keeps the farmer con-

tinually buying new ones. This may seem paradoxical but it is pointed out that the man, who does not take care of the machinery that he now possesses, is not likely to be in a position to buy more or better equipment or better buildings. On many farms the annual damage done to machinery through exposure to wind or weather would soon more than equal the cost of an implement shed.

There is little need of proceeding further along the line of argument which should be self-evident to all. The retail lumber dealer can carry on strong propaganda by getting out and driving home a few facts to the farmers who have not an implement shed. It may take some tact, industry and persuasiveness to convince the first man, but with each success the work grows easier until a spirit of rivalry will spring up among the members of a community so that each one will not be behind his neighbor. It is wonderful how we all are influenced by the other fellow, consciously or unconsciously. We may not care to admit it but the fact remains established just the same.

Now getting down to "brass tacks" or from the general to the particular and from the abstract to the concrete, the "Canada Lumberman" has ascertained from manufacturers of harvesting machinery in the Dominion that the average owner of a 100 or 150-acre farm in the eastern provinces has invested in implements something like from \$1,000 to \$2,000. It depends upon whether he has tractor machinery. It may be assured, however, that \$1,200 is a fair figure in the estimate of what the farmer has in binder, mower, rake, drill, cultivator, disc harrow, etc.

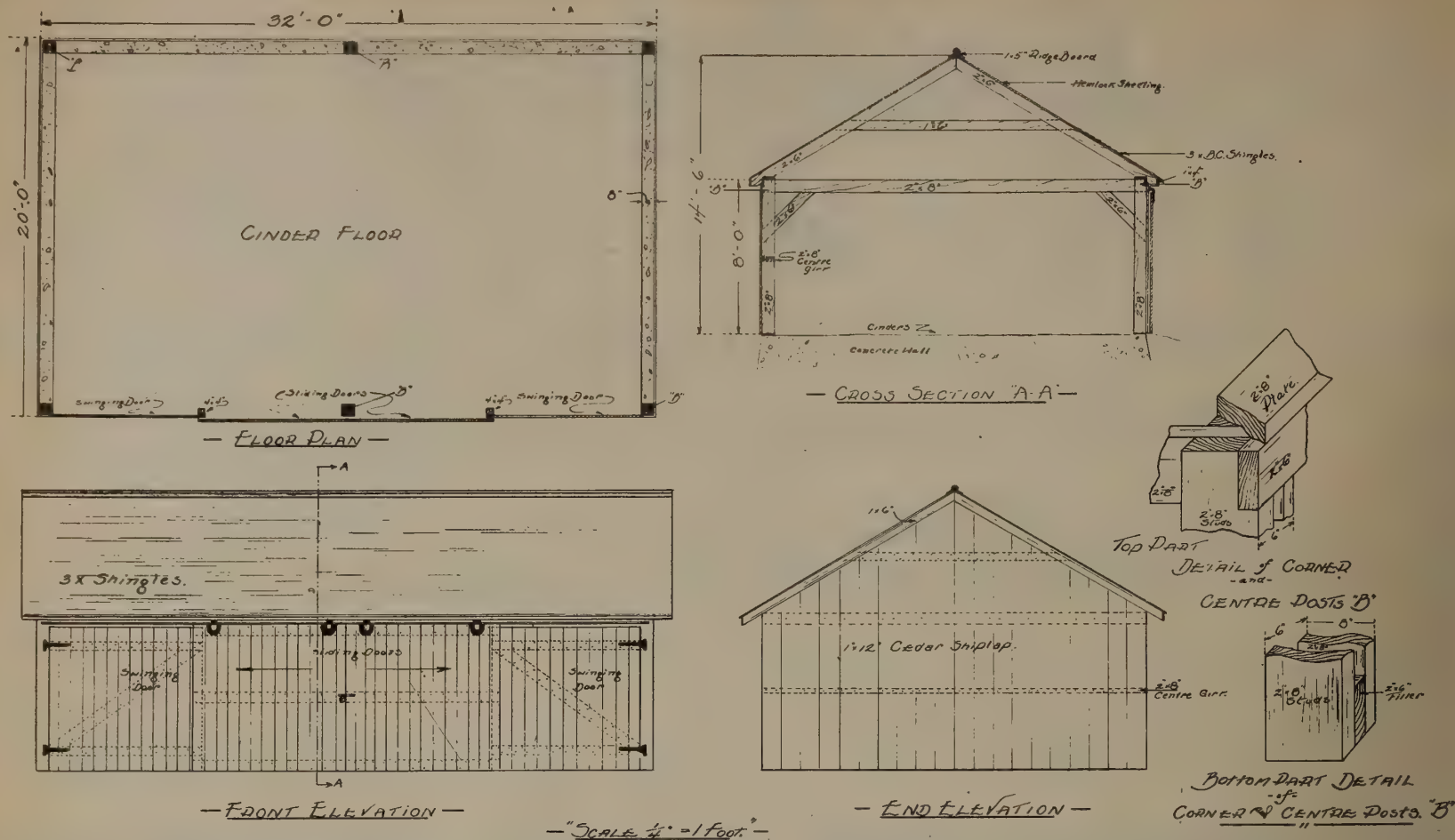
### Sheltered Machines Give Double Wear

The International Harvester Co., of Hamilton, in a recent letter say:—"Properly housed, we figure the average life of these machines will be from fifteen to thirty years. Without giving the necessary attention to proper housing facilities, we believe the records show that seven to ten years is the average period of their usefulness. Our observations is to the effect that farmers generally are



How Mother Nature protects agricultural machinery. Actual photographs taken on farm in Ontario, showing how a binder, horse-rake and mower are left out for months to battle with the elements.





Plan showing well-equipped implement shed. As one dealer puts it, "implement sheds are cheap and necessary; farm machinery is necessary but not cheap"

giving more attention each year to providing proper storage facilities for their equipment. It is agreed that a machine, when suitably sheltered, will give double the wear and service than one not properly housed. Of course, much depends upon the mechanism, whether it is complicated, easily gets out of order or is sensitive in its operation; for instance, the Ohio State University some time ago conducted an investigation regarding the average life of various implements when housed and when not housed.

Here is the result obtained by a questionnaire sent out to two hundred farmers, and the figures represent the farmers' own estimate of the value of the care of implements:—

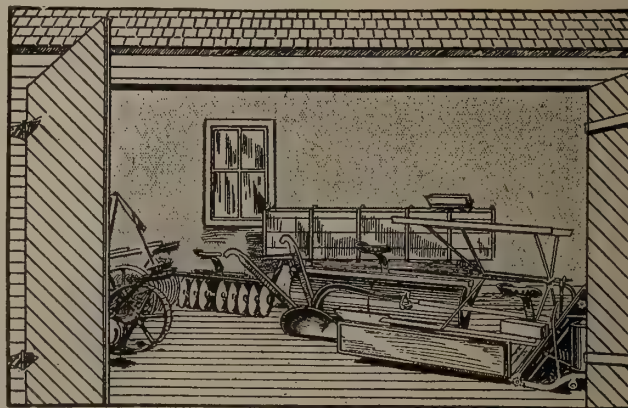
	When Housed	Not Housed
Cultivator .....	12	7
Corn Planter .....	17	7
Binder .....	14	7
Disc Harrow .....	15	8
Drum Rake .....	16	7 1/2
Side Delivery Rake .....	12	8
Drill .....	14	6 1/2
Plow .....	14	9
Hay Loader .....	15	7
Manure Spreader .....	12	6
Mower .....	15	9
Wagon .....	22	8

In a recent letter to the "Canada Lumberman," the sales manager for the Massey-Harris Co., Toronto who has given considerable attention to the subject of the proper housing of farm implements, comprehensively sums up the situation as follows:—We have never made any attempt to figure this up closely on our own account, although roughly we have found that implements will last if cared for at all properly on an average of ten years. Generally speaking, farmers in Eastern Canada have come to realize, more so than their brothers in the West, the advisability of keeping their implements under cover, and in the East it is the exception for farmers to leave implements out of doors the year around. On the other hand, while we believe that the Western farmers appreciate the value of properly housing their implements, owing to the scarcity or expense of the necessary lumber, etc., it is the exception in the West to have implements properly housed. This is a situation, however, which obtained in the East years ago and has been gradually bettered, and for this reason we believe that this feature is being gradually bettered in the West and it will in time come to be the rule that Western farmers house their implements.

Much more might be written on this subject, the avenue which opens out for the retail lumber dealer to get busy, extend his ac-

quaintanceship and widen his sales. Armed with the facts which have been presented regarding how it pays to house machinery, the lumber merchant would have no difficulty in selling more and more material for implement sheds. He will point out that, if it is important to grow crops, it is also important to save them and the harvest cannot be properly grown and garnered without the aid of efficient machinery in a good state of repair.

The cost of an implement shed, according to one well-known Ontario retail lumber dealer, J. B. Mackenzie, of Georgetown, depends, of course, upon the size of the structure. They are made generally in 16-foot length units such as 32, 48 or 64 feet, and 20 to 22 feet wide, and built with a cement wall on three sides with cement posts where doors divide in front. The frames are made of 2 inch plank. The outside is boarded with 1 x 12 cedar shiplap 8 feet



Interior of a modern implement shed

long, put upright. The doors of the same material and swing or slide, whichever is preferred. The roof is of B. C. shingles laid with zinc-coated nails.

The cost of material at most any yard in Ontario would be about \$225.00 for a 32-foot length shed; \$285.00 for a 48-foot length shed and \$335.00 for a 64-foot length shed. The hardware for the building would cost about \$20.00 to \$40.00 according to the style of door fittings.

In regard to the outlay for carpenter work for an average-sized implement shed, such as is shown in the illustration, a well-known retail lumber dealer estimates that it would cost a farmer about \$96. the farmer to board the men and provide the cement for the foundation wall.

In some of his advertising, Mr. Mackenzie calls attention to the

(Continued on page 48)



# Cost Accounting Plan in Logging Activities

*System Ably Outlined Before Woodlands Section at its Annual Meeting—How Several Firms Have Been Enabled to Reduce Expenses in Bush Operations*



R. P. Kernan, Donnacona, Que.  
Retiring Chairman Woodlands Section

The members of the Woodlands Section of the Canadian Pulp and Paper Association met at the Ritz-Carlton hotel, with Mr. R. P. Kernan of the Donnacona Paper Co. in the chair.

In his address, Mr. Kernan pointed out that the section was mainly interested in the commercial end of the industry—in logging methods and improved cutting methods. He was of the opinion that the section had not made the desired progress, although good work had been done in some directions. This was due, he felt, through a lack of co-ordination, and the only solution was the appointment of a permanent secretary, a trained man, who could devote all his time to the working out of their problems—one who could help all the mills in all their problems.

Mr. Ellwood Wilson, of the Laurentide Company, spoke on "Progress of Research Work in Forestry in Canada." In the past research work had been along the lines of pure science, but the day was coming when it would be on a broader basis. He remarked upon the vital necessity of having a definite idea of a problem before attempting its solution. In woods operation a lot of time was lost because of the inclination to let problems solve themselves. In the Woodlands Section problems would become more and more pressing and unless these were tackled in a business-like way, it would mean the loss of considerable money. Mr. Wilson instanced driving operations and remarked upon the greater efficiency in Norway and Sweden as compared with Canada. It was essential to get at basic facts, and the proposed appointment of a permanent secretary would help very considerably in this direction.

## Progress Made in Cost Accounting

"Cost Accounting for Logging Operations," was the subject of a paper by Mr. L. W. Campbell, chief accountant of the Laurentide Company. He referred to the previous lack of information in this connection and Mr. G. A. Ware, of Price, Waterhouse & Co., was requested to draw up and submit a uniform method of cost accounting for logging operations to a committee formed of representatives from Price Bros. & Co., Spanish River Pulp & Paper Co., St. Maurice Paper Co., International Paper Co., Abitibi Power & Paper Co., and Laurentide Co. A plan was submitted and endorsed by the committee and appeared in booklet form last June. It contained sample forms and names of accounts with instructions for handling them. Two large companies have installed systems based on this plan and both were quite pleased with the results obtained.

Mr. Campbell described briefly a few of the reports compiled by the Accounting Department of one company for the use of its Woodlands Manager and District Superintendents.

**First**, monthly and accumulative statements of the cutting and hauling costs, showing quantities, expenditure and unit costs in detail. There was no uniform measuring stick for determining cutting costs. Some companies used board feet, which was not accurate, as the relation between board feet and the pulp content or solid content of a log varied according to its diameter. Other companies used cord measures, but how were they going to determine the number of cords from diameters?

**Second**, statement showing list of jobbers, quantity contracted for, and price. Opposite this information was shown quantity cut as well as the total amount of the cash advances and charges against the jobber for the period, also what these advances represent per 1,000 feet of wood produced by the jobber. A comparison of this latter with the contract rates would indicate whether the superin-

tendent should close the jobber off, or allow him further credit for the continuance of his operations. This particular statement showed the condition of each jobber's account up to the end of any month, but, if the superintendent desired, he might obtain from the district accountant the standing of any jobber's account up to the end of the preceding day.

**Third**, statement showing cost per meal as served in each camp or boarding house. This expense was divided under Foodstuff, Labor and Miscellaneous and showed monthly as well as accumulative costs. The cost of feeding men was a very important factor in the cost of wood production. This year it was estimated that the cost of meals would equal an amount of 40 per cent of the direct woodlands payroll.

**Fourth, Stable Costs:** Statement showing cost per horse meal in each camp under heading of fodder, labor and miscellaneous. It also showed proportion of idle time which if great would indicate poor care of horses, or that the camp had more horses than required.

**Fifth, Supplies:** Perpetual inventory ledgers were used to report supply transactions. A statement was compiled monthly showing the total value of supplies in the districts. It showed amount of supplies purchased and transferred from one point to another. It also recorded the value of supplies sold to jobbers, to employees and supplies used for company operations, as well as the value and particulars of goods that have been spoiled or depreciated. Subsidiary statements, which tied up with the foregoing were available which showed the value of supplies in each hangar under the following headings:—Provisions, tools and equipment, hardware and miscellaneous, table and cooking utensils, new and spare harness parts, clothing, dry goods, medical and toilet articles.

## All Prepared in Standardized Form

There were many advantages to be obtained by this method of recording supplies. It reduced cost of operations by allowing the superintendent to carry the minimum quantity of supplies necessary for the carrying on of operations, thus reducing working capital and cost of insurance on goods, and loss by spoilage or depreciation. It plainly showed what articles were moving slowly in the van accounts and therefore unpopular with the men and in many cases should not be carried in stock.

All of these monthly statements were available for the district superintendent within two or three days after the close of each month. Copies of all figures were sent to head office from each district or division. They were all prepared in standardized form and consolidated on a comparative statement for the use of the Woodlands manager. In view of the need of the accountants for accurate data and the need of the logging operators for accurate costs and statistics to enable them to cut costs, why could they not get together on this plan? According to reports, 3,750,000 cords of wood were consumed by the requirements of the paper industry alone in the United States and Canada necessitating a yearly expenditure for logging operations of over \$50,000,000.00. Let them suppose that by the use of this plan or by any other means, costs were cut by 2 per cent. This would result in the saving to the industry each year of \$1,000,000.00. New scientific logging methods were being advanced each year; some would suit their conditions and some might not. Why not have a cost system that will tell at the end of the season whether the change was advantageous or not?

Wood at present represented 50 per cent of the cost of a ton of paper. Due to the increasing demand for newsprint more and more wood must be cut each year and, as men were becoming more and more unwilling to go to the bush when anything else offered, it would appear that logging costs must steadily increase. They were face to face with this great problem of increasing costs. Let them put their house in order now and rob the blow of some of its sting by adopting methods that will allow them to watch and check carefully every dollar spent in woodland operations.

## Great Waste in Woods Operation

Considerable discussion followed on the points raised, the chair-



man referring to the great waste in the woods operation and the difficulty of obtaining accurate data under adverse conditions. But the problems would have to be solved. Mr. Ellwood Wilson suggested that the proper location of roads was a point to be considered and that culling, too, was a matter requiring investigation, especially having regard to the discrepancies often revealed by check culling.

At the afternoon session Dr. J. S. Bates, Bathurst Co., Limited, read a paper on "How Far Can the Pulp Mill Go in Utilizing Decayed, Insect-killed, or other Inferior Wood in the Manufacture of Pulp." He came to the conclusion that it was safe to say that infected wood, which was still fairly firm and retained its fibrous appearance, would be suitable for making pulp and paper within certain limits. Any wood that was very soft, punky, or lacking in fibrous structure was undoubtedly too far gone to bother with in the pulp-mill and should be left in the woods or used for fuel in the boiler plant. The handling of inferior wood from forest to mill, the methods of conversion into

pulp and paper and the calculation of limiting costs were important factors and required careful investigation.

#### Officers Chosen for Coming Year

Mr. C. S. Hawkings, chief chemist, and Mr. Otto Schierbeck, forest engineer, of Price Bros. & Co., Limited, also read papers on the subject, the latter stating that experiments were being made as to the sinking of decayed woods.

A resolution was passed in favor of appointing a committee of three members of the section and three accountants to follow up Mr. Campbell's paper on cost accounting for logging operations.

Mr. Ellwood Wilson was appointed chairman and Mr. H. G. Schanche, chief forester of the Abitibi Company, vice-chairman for the ensuing year. Mr. W. McE. Bowden, woods manager, of the Laurentide Co., and Mr. R. P. Kernan, manager of the Donnacona Paper Co., were appointed councillors, Mr. Bowden taking the place of Mr. Wilson, and Mr. Kernan the place of Mr. T. F. Kenny.

## Progress of Forest Protective Association

### Various Methods of Preventing Destruction of Valuable Timber Discussed— Dr. Howe Tells Why Forest Protection is Necessary—Good Work Done

The attendance at the annual convention of the Quebec Forest Protective Association, Limited, grows almost year by year. The conference held at the Mount Royal Hotel, Montreal, on January 23rd brought together a very large number of lumbermen, representatives of pulp and paper companies and foresters from all parts of the province. Naturally the subjects discussed all held a bearing on the protection of the forests, but incidentally points of a more general character were brought out.

In a brief address, Mr. S. L. de Carteret, the president, indicated that progress had been made during the year, and he specially referred to the forest permit system of the Provincial Government, which had come to stay.

Mr. G. Piche, the chief forester of Quebec province, took the place of the Hon. H. Mercier, Minister of Lands and Forests. Mr. Piche read a comprehensive paper on "Our Forests." He remarked upon the extensive cutting of the big logs years ago and said it was not until 1900 that the mills had taken to use the small logs of a lesser diameter or of an inferior quality. The destruction by insects and fungi was enormous, and he was certain that the proportion of rot in the logs made to-day was so large that the percentage of good qualities of lumber turned out by some mills did not amount to more than one-third of the total output. If they added to all the adverse conditions, the fact that the huge mills established in the Province required enormous quantities of wood every year, it became evident that the situation required a careful survey. The situation was so serious that the present holdings of the companies would be exhausted inside of 20 years if they did not reduce their cut and purchase elsewhere the quantities of wood required.

#### Preventing Destruction of Forest Wealth

Mr. Piche then discussed various methods to prevent destruction of forest wealth. He pointed to the legislation of the Provincial Government, incidentally mentioning that the railway companies had greatly strengthened their fire-fighting forces. The fires in the Province were getting more dangerous on account of the increasing quantities of slash accumulated by lumbering operations, and this question should be faced at once. In the past the majority of the lumbermen had been occupied mainly with the improvement of their manufacturing processes, taking great care to produce the highest quality at the lowest cost: however they discovered that each year the cost of the logs increased while the average contents of the logs diminished and, in many cases, the savings made in the mills were more than eaten up by the increased cost of the wood. These facts compelled them to give more attention to the forest problem. Each company should know exactly the quantities of wood it possessed upon the limits and what was the annual capacity of the forests it controlled. Without these facts operations were conducted at random and that was why many companies found themselves before a situation more serious than they suspected.

The Government had passed a law obliging the operators to make inventories of their holdings, to present working plans, so that the amount of the annual cut could be regulated according to the productivity of the forest. Several companies had already started these technical studies, and the Government had received working

plans covering about 3,000 square miles of forest or 1/15 of the total area under license. The Government also required a logging plan which was checked on the ground and modified when advisable by the forest engineers of the department and of the company. In other words, the men in the field are getting all the necessary authority to devise the best methods to lumber, so that the operations, instead of diminishing the value of the forest, will leave it in a healthy condition and the rate of growth may be increased if possible, instead of being diminished. This new system had been tried this winter in various localities and appeared to be giving complete satisfaction.

#### Public Concern in Fire Protection

"Why is Forest Protection Necessary" was dealt with from various angles. Dr. C. D. Howe, University of Toronto, read a paper viewing the subject from the forester's point of view. He remarked that the operator was principally concerned in protecting the merchantable lumber, while from the forester's standpoint the protection of the cut-over and burned-over lands is much more important than the protection of standing timber. There was little doubt that forest fires were the chief factors in the deterioration of soil fertility and the repeated fire was again the most destructive agent. And this again, also indicated the importance of effective fire protection on areas that did not carry merchantable timber.

There were more than 100,000 people in Canada at work converting the forest products into wealth in some form or other. They were chiefly heads of families or the bread winners of families, thus representing probably a half million people dependent upon the forest for a livelihood. Were they worth while in their work? Were they worth while to the country? The great pulp and paper companies, the great lumber concerns would not exist many years longer unless there was more effective fire protection. In order to get more effective protection, the public must invest more money in it.

When they considered the area actually under license or pulp-wood concession, the amount expended on it as a whole averaged less than one cent per acre per year. In other words, they spent less than a cent an acre a year as an insurance rate on forest lands which supplies, at the present day, yielded products to the value of \$500,000,000 annually. The amount invested in protecting the supply of the wood-using industries was entirely inadequate. If the people of Canada thought it advisable to keep these industries a-going, they must pay more for forest protection than they were paying at present.

The operators' point of view was discussed by Mr. W. Gerard Power, who pointed out that anyone who contemplated investment in a forest property, was primarily concerned with the supply of timber available. The question of protection applied not only to plants but also to the water supply for getting the logs to the mills. He suggested that there might be some co-operative effort in the way of securing data with regard to insects—a sort of clearing house with technical men in charge.

Mr. R. P. Kernan, manager of the Donnacona Paper Company, Limited, declared that the operators were principally interested



from the financial point—they had their eggs all in one basket. Fires not only caused losses of standing timber but of the second growth. Everyone in the province was affected by fires in the forest but the operators were hit the hardest, often too in the matter of peeled pulpwood. The great point was to prevent fires, and in this connection Mr. Kernan advocated the education of the woodsmen in the matter of protection.

#### Prof. Leacock Could Not Build Henhouse

Professor Stephen Leacock, of McGill University, spoke from the public point of view. The address was in that whimsical humorous vein, so characteristic of Professor Leacock, but it also had a serious side. The speech was a parable of the henhouse which the Professor could not get constructed because of the rising cost of hemlock. He asserted that the prices of lumber, in fact of all commodities and of wages, must come down. Professor Leacock made a strong plea for the conservation of our forests.

At the afternoon session Mr. C. T. Allen, of the Western Forestry and Conservation Association, Portland, Oregon, read a paper on "Co-operative Forest Protection." He gave details of the organization in the Western States, the difficulties met with, and how the Association met them, particularly having regard to those who attempted individual fire protection of limits. He asserted that efficient fire protection work must necessarily be of a co-operative character. Mr. Allen also referred to the publicity work in educating public opinion. In the Western States, they dealt with the menace of insects and fungi in a co-operative way that had proved successful.

Lieut. R. B. Adams, of the U.S. Forest Service, reviewed the application of the air and signal service of the United States Army towards the observation and the reporting of forest fires. He also detailed the instruments used, and recorded the advances made in transmitting and receiving wireless telephone apparatus. In connection with this address, a receiving set was set up in the hall, and during the talk a message was received from Mr. Evans, of the St. Maurice Forest Protective Association.

#### Canadian Forestry Matters Reviewed

Further expansion in the activities of the Canadian Forestry Association was the keynote of the report of the annual meeting held at the Mount Royal Hotel, Montreal, on January 22nd. The progress made in seven years is indicated by the financial statements for 1915 and 1922. In the former year the income was \$5,269, while last year it had increased to \$59,320.

Mr. Dan. McLachlin, the president, in his address, declared: We may never be able to close a year without a bush fire, but thanks to the continued efforts of the Forestry Association and the awakened interests of the various governments, both Federal and Provincial, the efforts of the lumbermen and pulp mills are now more adequately supplemented and the fire hazard is being better controlled, for in the last analysis, unless the efforts of the men in the field, the timber operators, are supported with legislation changing as the conditions vary from period to period, the efforts of this association would be largely wasted. But happily that condition does not obtain, as today we have the most cordial co-operation between this association, the law makers concerned and the operators in the woods. This happy condition is most complete in the province of Quebec, where an able and enlightened forest service has placed on the statute books forestry legislation that is a shining example of foresight and a model to be followed by the rest of the Dominion."

The report of Mr. Robson Black, the manager, surveyed the work of the year.

During 1922 the Association made substantial development both in respect to amount and quality of the forest protection propaganda reaching the people of Canada, and in the revenues for the support of such work. In connection with the propaganda, Mr. Black expressed appreciation of the valuable co-operation of the press of Canada. The Forest Exhibits Car travelled 12,623 miles, while the tree-planting car covered a large area in the West. Two new undertakings aiming to stimulate the interest of the youth in Canada in forest conservation and tree-planting as a national cause were set in motion. The membership of the Association neither lost nor gained in 1922. The balance in hand at the end of the year was \$3,966.

The adoption of the report was followed by a discussion on two or three points. The efforts of the directors to educate the children in forest conservation was commended, as likely to show good results in the future. It was suggested that the law should be more strictly enforced in the way of prosecuting those responsible for forest fires. It was replied that the Association did some work in this direction, but it was difficult to find out the responsible parties. On the subject of the responsibility of the Federal Government for fires along the National Railway lines, it was stated that the Na-

tional Railways were doing their utmost to prevent fires.

The Hon. A. Turgeon, former minister of Lands and Forests for the Province of Quebec, was elected president for the new year, with Dr. Clifton D. Howe, Dean of the Forest School, University of Toronto, vice-president.

In the afternoon the Hon. W. R. Motherwell spoke on tree-planting on the prairies, while papers were read by Prof. J. W. Toumey, lately dean of Yale Forestry School, on "The Value of Research in Forest Production," and by Dr. C. D. Howe, on "Building Population by Building Forests."

#### Are Retailers Losing on Their Millwork?

A few months ago the "Canada Lumberman" published an article under the caption "Does it Pay the Retailer to Run a Planing Mill?" The contribution, it will be remembered, contained a symposium by retailers on the benefit of installing equipment for the production of millwork. The different views on the subject came from all parts of the Dominion and gave a fair idea of how retail lumber dealers were progressing with the millwork department as a part of their business. Taking a summary of the arguments pro and con it was apparent that the majority of retailers thought it best to have only one or two necessary pieces of equipment such as a power feed rip saw; a number also said it paid them to keep a planer or moulder to dress rough lumber, culled from low grade stuff that would otherwise have to be sold for rough boarding, and for other profitable work.

But there are undoubtedly many retailers who are trying to make a lot of their own millwork and may or may not know they are losing on it every time they enter a contract. The reason that retailers undertake the manufacture of doors, sash, casings, trim, etc., is a matter of service to their customers and to keep things going when the retail end is dull. But if the dealer can buy millwork cheaper from reliable mills, would it not lower his costs and enable him to turn his attention to the many opportunities of the retail end? Of course, there is always the special order to deal with, but this can also be obtained, from mills giving good service at reasonable prices. Special orders calling for quick delivery, cost more or should cost more, to pay for the time taken in making set ups, etc., wherever they are ordered, and the retailer would be in money in letting mills with their fast special equipment do this work also.

Our attention on this subject of retail dealers losing on their millwork, was renewed upon reading the cost studies appearing from month to month in the columns of the "Canadian Woodworker." These cost studies are actual jobs handed to the editor by operators including their actual cost. Voluntary estimates are sent in on the same job by other woodworkers, sash and door men and retail lumber dealers operating millwork plants. As an example of how unprofitable it is to try and make something as cheap as another man who is specializing in that article, let us look at one of the recent studies mentioned above. Estimates were sent in by eleven parties for the cost of 50 interior columns, 2 3/4" high over all, shaft 7/8" thick, 8 by 8" at base, tapered to 7" by 7"; cap and base 1 3/8" by 2 1/2"; cap and base mould 1 1/16" by 1 7/8" made of fir. The different items of cost included: material, waste, bench hours and rate per hour, machine hours and rate per hour, commercial burden. The lowest estimate was \$135 and the highest \$300.

These comparisons of estimates were originally meant to draw attention of woodworkers to their lack of cost knowledge. In our reference to the estimates we have another purpose. It is probable that there is considerable "guessing" in arriving at the cost as the difference between the highest and lowest cost was 122%. But glancing through the names of the estimators it is apparent that some of these men are in a more advantageous position to quote a better figure and still make a fair profit than several of the others.

But getting back to the realm of the retailer, what does this wide difference in cost estimating teach the owner of a small lumber business. Would it not pay him to look around and secure prices from mills specializing in the different items of trim. In many cases he could secure his requirements cheaper than he is now making them for, and also make his own prices more attractive, as a result. A number of firms spending their whole time on millwork are now issuing handy catalogues. No doubt they are prepared to offer a trade discount.

Of course, this opinion we know, will find exception among different sized yard-men but, as a rule, it is the intention of most retailers not to get too deep in the manufacturing end. The writer had occasion recently, to talk with a retailer who was operating a mill in connection with his lumber business. Upon being questioned about the plant, he said he would be glad to get rid of it, but could not see how he could disperse with it entirely. This opinion seems to be the most popular one, that of keeping only a few machines for making frames and small stuff and taking advantage of the facilities and prices of large mills operating on a quantity production basis.



# Canada Lumberman

Founded 1880

The National Lumber Journal for Forty Years

Issued on the 1st and 15th of every month by

## Hugh C. MacLean Publications

LIMITED

THOS. S. YOUNG, Managing Director

HEAD OFFICE - - - - 347 Adelaide Street, West, TORONTO

Proprietors and Publishers also of Electrical News, Contract Record,  
Canadian Woodworker and Footwear in Canada.



VANCOUVER - - - - - Winch Building  
MONTREAL - - - - - 119 Board of Trade Bldg.  
WINNIPEG - - - - - 302 Travellers' Bldg.  
NEW YORK - - - - - 296 Broadway  
CHICAGO - - - - - 14 West Washington Street  
LONDON, ENG. - - - - - 16 Regent Street, S.W.

### TERMS OF SUBSCRIPTION

Canada, Great Britain and British Possessions \$3.00; United States \$3.00;  
other Foreign Countries \$5.00. Single Copies 20 Cents.  
Single copies, 20 cents.

Authorized by the Postmaster-General for Canada, for transmission as  
second-class matter.

Vol. 43

Toronto, February 15, 1923

No. 4

### Getting Busy on Repair Work

February is a time when the lumber retailer may well look around, size up conditions for the approaching season and take stock of what business is likely to develop. In the rural sections there may not be many new structures in the offering, owing to the fact that farmers are getting a low price for their produce and live stock and most of them do not feel like launching out on a large structural scale until they receive a return for their goods that will bear comparison with what they have to pay for other requisites. They contend that the latter have not come down in price nearly as rapidly nor to the same extent as have the products of the soil.

There is always, however, a large amount of repair work done in every community early in the year and this may be well sought by the retail lumberman. He should impress upon the farmer that it is false economy to allow his buildings to fall into decay or dilapidation or his roofs to become leaky and old. It is a short-sighted policy for any yeoman to follow, and it should not require much persuasion on the part of the retail dealer to sell most any farmer some lumber for such depressing needs as repairs.

Of course this cannot be accomplished by the dispenser of wood products sitting around his office chatting or smoking all day, complaining of affairs going to the bow-wows and conditions being bottom-side up, at this period of the year. He must get out and make calls and become acquainted with the wants of the surrounding country. By venturing out in this direction and in that and meeting people, he soon begins to hear of things of interest which will no doubt, lead to future business.

Then some attractive and effective literature, with catchy headings, might also get in its leavening process. "Make those repairs now," "Get Busy Before the Spring Rush Sets in," "Don't Neglect that Roof until it is too Late," "The Longer the Delay, the Greater the Cost," etc. These points should be driven home and the effective announcement also made that repairs and alterations can be carried out when the weather permits, and the occasion to make them is when not in a hurry or rushed with other work. The proper time for the farmer to conduct such operations is between his busy seasons.

The repair business is one that is too frequently neglected. While the orders may seem small, in the aggregate they amount to a great deal, and where a farmer secures his 2 x 4's and 2 x 6's as well as his rough lumber for renovations, he is also going to make heavier purchases when requiring anything in the way of dressed stock, timbers, interior or exterior trim, flooring, etc. There are some farmers who are inclined to procrastinate on the principle that to-morrow will do for making repairs as well as today. They should be educated that there is no time like the present and that the old

aphorism of "A stitch in time saves nine," is as true in building terminology as in a sartorial sense.

Another service that the dealer can make known is that "no job is too small to receive prompt attention." It may be that some cedar posts, several bundles of lath, a bunch or two of shingles and a few boards make up only a comparatively trivial transaction, but the purchase will establish a link between dealer and consumer that will, no doubt, develop later into larger business relations. It is not alone upon present turnover that expanding businesses are created but upon potentialities of demand in the days to come. It is necessary for the retailer to have not only courage and initiative, but also imagination, visualizing what his town or his district will be five or ten years from now and seeing in prospect the new homes, barns, innumerable garages, stables, etc., which will dot the surface of the township in which he does business.

The retailer must feel that he is a part of the constituency in which he resides; that anything, which benefits the community at large, will result in, advantage to him, and vice versa. He should realize that he is a community builder and should see far beyond the mere taking in of so much cash. Let him establish a name and standing that are worth while. Of course, it will require work and pluck and persistency, but was anything worth while ever won that did not involve or entail action, thought, labor and zeal?

### Conventions that Got Somewhere

The annual conventions of the Canadian Lumberman's Association, which was held in Montreal, and the Ontario Retail Lumber Dealers' Association, which took place at Windsor, are now matters of history. Both were successful from the standpoint of attendance, interest, instruction and pleasure. Each gathering struck a new high note in outlook and achievement, and the members felt that basic conditions in the lumber trade are much better than they have been for years and that the future is encouraging. While the horizon is not as clear as the noon-day sun, owing to the European situation, still there are fewer spectres and with a stabilization of prices and an increased output to meet the call for forest products heard on all sides, there should be better results all around for the manufacturer, wholesaler and retailer.

Reports of the proceedings of the conventions which are appearing in this and the next issue of the "Canada Lumberman," are well worth a perusal as they afford an indication of what the lumbermen bodies are doing and demonstrate their worth and usefulness in the upbuild and expansion of Canada's pioneer industry.

In the selection of Angus McLean, of Bathurst, N.B., as president of the Canadian Lumbermen's Association, a tribute has been paid to a worthy citizen and progressive operator of the East who has long been prominently associated, not only with the lumber calling, but with pulp and paper activities. Mr. McLean will make a splendid presiding officer and a capable successor to A. E. Clark, of Toronto. Under his guiding hand the C.L.A. should enjoy a year of progress and development and make its influence and prestige more widely known and recognized.

The new head of the Ontario Retail Lumber Dealers' Association is K. J. Shirton, of Dunnville. He has been active in season and out of season in Association work and has never lost an opportunity to promote friendship, fellowship, co-operation and unity. His elevation to the highest office in the gift of the organization has been well earned. J. C. Scofield, of Windsor, was a live wire chief who kept things on the move, and Mr. Shirton will, no doubt, prove as active and aggressive in filling his shoes.

Much more might be said upon the benefit to be obtained from attending conventions such as the C.L.A. and the O.R.L.D.A. It is to be regretted that the membership of these bodies does not embrace everyone connected with the industry. They are in every way commendable and wide awake institutions who are seeking to do the highest good and render service in every possible way. Both bodies will, no doubt, witness large accessions to their ranks during the coming year. Active campaigns will be conducted to gather in the ranks those, who should be identified with institutions of such a forward character and wholesome influence.

The arbitration board has awarded \$651,484 to the Chicoutimi Pulp Company, Limited, under policies with thirty-two insurance companies for loss sustained through the fire which on July 8th last destroyed about 28,000 tons of mechanical pulp in the Chicoutimi Company's yards at Port Alfred, near Ha Ha Bay.

The Chicoutimi Pulp Company claimed \$1,010,201.31 fire insurance, but the insurance companies considered the demands made on the policies were too high, and arbitration was resorted to.

The majority report considered the value of the property insured was \$743,306 and amount of salvage \$91,822. This left \$651,484 as the amount of loss by fire, and constituted the court majority's award to the claimants.



# Reports Submitted at C.L.A. Gathering

The Committee on Legislation presented a brief report at the C. L.A. Convention in Montreal which was as follows:-

The principal subject which has engaged the attention of your Committee during the past year was in connection with the proposal of the Ontario Government to do away with the Doyle Rule and substitute therefor a content measurement. We regarded the proposal as being distinctly inimical to the interests of the lumber trade of the country, and whilst the suggestion was confined to the province, still it was regarded by your Committee as being of very vital importance to every lumberman in the country. Over thirty firms were represented at a meeting held in Toronto on November 8th and 9th, 1922, during which time the whole matter was thoroughly discussed and a memorandum drawn up and presented to the Prime Minister of the Province and his colleagues, including the Minister of Lands and Forests, November 9th. The result was that the Prime Minister plainly stated that in so far as existing licenses were concerned there would be no change unless it were by mutual agreement. Our president, Mr. A. E. Clark, suggested that a small committee of the lumber interests might be appointed to confer with the Provincial Government on matters pertaining to lumbering operations. The Honorable Prime Minister agreed with this and stated that he would be glad if Mr. Clark would name such a Committee, and on November 10th letters were written to the Honorable E. C. Drury and Honorable Beniah Bowman, naming the following gentlemen:-

John Black, J. R. Booth, Ltd., Ottawa; W. E. Bigwood, Graves, Bigwood & Co., Byng Inlet; Dan McLachlin, McLachlin Bros. Ltd., Arnprior; Z. Mageau, Mageau Lumber Co. Ltd., Field; Hon. Geo. Gordon, Geo. Gordon & Co., Cache Bay; G.B. Nicholson, Austin & Nicholson, Chapleau; J. J. McFadden, McFadden & Malloy, Blind River.

It was later suggested that the name of Mr. Geo. Gray, Supt. of the Spanish River Pulp and Paper Mills Ltd., Sault Ste. Marie, be added to this Committee, and the Honorable Ministers were advised accordingly.

We have no further communication from the Provincial Government in connection with this matter.

**WORKMEN'S COMPENSATION.**—There have been no changes in connection with this matter by the Provincial Governments, but the Labor Gazette of December 22nd, 1922, reports a meeting of the Association of Workmen's Compensation Boards of Canada. At their fourth annual meeting held at Edmonton, Alta., they adopted the following resolutions,—

1. That in all provinces where there is a Workmen's Compensation Board it is advisable that all accident prevention measures should be centralized and enforced by such Board.

2. That there should be no "clerical exclusions" under Workmen's Compensation Acts and that no separate rate should be applied to clerical workers.

3. That every Provincial Act should make provision for the rehabilitation of crippled workmen.

4. That it should not be necessary for Boards to give notice before entering judgment with respect to an overdue assessment under a Workmen's Compensation Act and that Boards should have authority to enter judgment for an overdue assessment by filing a certificate in the manner provided in the Acts of Ontario, Nova Scotia, British Columbia and Manitoba.

Your attention is called to the fact that at the last annual meeting of the Trades and Labor Congress it was unanimously adopted to demand the increase in compensation to the full one hundred per cent instead of as at present.

In the province of Ontario the record for 1922 is as follows,—  
"There were 50,411 accidents reported to the Ontario Workmen's Compensation Board in 1922, as against 45,191 in 1921, an increase of 5,220. The fatal accidents increased from 386 to 418. The number of accidents reported daily averaged 168 in 1922, as against 151 in 1921. Total claims paid in 1922 were \$5,692,896."

## Transportation Department Arena—Things done and Yet to Do

This was the full year's report of the department, presented by R. L. Sargent, Transportation Manager of the C.L.A., and dealt with a number of old and new subjects, including reduction in freight rates on lumber between points in Canada, demurrage, surcharge on freight charge, the proposed new rating on box shooks and told how carriers had instructed agents to reduce the charges to the basis of lumber rate and lumber minimum on any shipments on which the charges had been previously collected on the basis of the 10th class rate.

An important clause in the report was on the transit arrangement on lumber at Canadian National Railway stations in Quebec, New Brunswick and Nova Scotia. It reads as follows:—We have been successful in coming to an arrangement with the Canadian National Railways for the application of this transit arrangement to apply on traffic moving locally between points on the Canadian National, East of St. Rosalie Junction, Que., in the provinces of Quebec, New Brunswick and Nova Scotia, also Prince Edward Island. This arrangement was not previously published to apply on traffic moving locally between points in the Maritime provinces and as there appeared to be considerable need for the arrangement we ask the Canadian National to publish it and they agreed but intimated that the charge for the stop-off would be 2 cents per hundred pounds. This was not quite satisfactory to us inasmuch as the arrangement providing for stop-off at points in Ontario, etc., only carried a stop-off charge of one cent per 100 pounds, and after considerable correspondence on the subject it was agreed that the stop-off charge should only be one cent per 100 pounds. We sincerely trust that the adoption of this arrangement in the Maritime provinces will be of considerable assistance to our members in that territory.

Mr. Sargent then went on to refer to the new freight rates arranged in the East and said there are a number of subjects still in

hand with the carriers on which the department is either suggesting adjustment in the rates or the publication of satisfactory through rates.

Some of the subjects still open with the C.P.R. and the G.T.R. system were then outlined in the report as follows:—Through rates from points of the Dominion Atlantic Railways to Canadian and United States destination.

Adjustment in rates to points in Michigan, Ohio, etc.

The C.P.R. are at the present time working on a revision of their tariffs providing for rates on lumber and forest products to points in the United States, and it is expected that these tariffs, or at least one of them, will be issued very shortly and will provide for satisfactory rates to destinations in Michigan, Ohio, etc.

Through rates to and from points on the Quebec Central Railway where through rates are not already provided.

G.T.R.—(1) Rates from Grand Trunk Railway stations to points in Michigan, Ohio, etc.

(2) Re-adjustment in the rates to the United States points from G. T. Stations competitive with the C.P.R. where it is found that the G. T. rates are out of line.

In conclusion, Mr. Sargent referred to the proposed reduced rates for annual meetings, which he hoped to have effected by next year's convention dates. It was necessary to have 150 persons using a special arrangement in order to obtain reduced fares for the delegates and others accompanying delegates.

**HANDLING CLAIMS.**—During the past year we have handled two kinds of claims those which have been filed by the claimant and then declined by the carrier and finally turned over to us for further attention and those which were filed direct by this Department on behalf of the claimant. It was not until the last three or four months of 1922, that we were given an opportunity of handling any quantity of these claims. The total of claims collected, is there-



fore, small, only amounting to \$277.44 but, there are claims to the amount of \$855.97 still open with the carriers, with very good prospects of collecting all of them.

This service has been performed without extra charge to our members but, as the work increases and it is found necessary to employ additional help to carry out the service successfully, a small charge will be made in proportion to the amount of the claim actually collected.

**CHECKING RAILWAY FREIGHT BILLS.**—This subject has been brought to the attention of our members several times since your Transportation Department was formed and up to the end of 1922, only about fifteen members had taken advantage of this branch of the service. We have checked quite a number of freight bills for these members and as a matter of fact we have discovered some \$1,063.40 in overcharges and have submitted sufficient data covering each overcharge to enable the member to make his claim on the carrier. The largest of overcharges found for any one member was \$839.19, the other amounts for different members ranging from \$60.00 to as low as \$36. No doubt this branch of the service given by your Transportation Department can be of considerable assistance to you and the service is being performed without extra charge until such time as we can prove that the arrangement is of material benefit to our members. The work under this branch of the service is increasing rapidly as we have at the present time some hundreds of expense bills for checking and expect to be in a position to make considerable headway with them during the next month or six weeks. If, within the next three or four months we find that this branch of the service



R. L. Sargent, Ottawa, Ont.  
Transportation Manager of C.L.A.

has proved of material benefit to those using it, some arrangement will be made whereby a charge will be assessed for the work in proportion to the amount of the claims actually collected from the carrier.

**EMBARGOES AND CAR SUPPLY.**—We have devoted considerable time to the subject of car supply and embargoes and it was only by keeping in close touch with the carriers and also with the Railway Association of Canada, that we have been able to come to the assistance of our members who gave us the opportunity of doing something for them in these matters. The car shortage has to some extent been relieved and we look for a still greater improvement in this respect from now on. The embargoe situation is still a very aggravated one, showing very little improvement, this is a situation which neither the shippers nor the carriers in Canada can control but we feel certain that our friends on the other side of the line are doing everything possible to relieve the existing conditions, and we do know that they are being given all possible assistance by the Canadian Carriers in this matter.

**RATES QUOTED TO MEMBERS.**—During the year 1922 we quoted a total of seven hundred and sixty-eight rates to our members as part of the service to this Department.

**INVESTIGATIONS AND INQUIRIES ANSWERED.**—During the year we dealt with and answered one hundred and nine separate inquiries and in a number of cases conducted investigations into various transportation problems not including rates quoted to members.

Our members are gradually commencing to appreciate that the Transportation Department is for their own special benefit and are making freer use of the various branches of the service which it

gives. There is one point which we would like to bring to your attention at this time which is that we do not think that the circulars from this Department are given the attention they deserve, particularly those circulars which ask for specific information or a reply of any nature. Out of a membership of about one hundred and ninety we have only been receiving on an average of thirty to forty answers to the circulars, this is not enough and we feel that it is only necessary to bring the matter to your attention at this time and there will be considerable improvement in the future.

### The New President of the C. L. A.

Angus McLean, the newly-elected president of the Canadian Lumbermen's Association, needs no introduction to the readers of the "Canada Lumberman." For a number of years he has been an active member of the C.L.A., being vice-president during the term just closed. He has also been intimately associated with the Canadian Pulp & Paper Association. In the bustling town of Bathurst, N.B., where he resides, his organization has built up great lumber, pulp and water power interests and is now adding to the industrial expansion of the place by the erection of a paper mill which will turn out about 50 tons of newsprint daily and be the first one of its kind in the province. Good progress is being made on the work. He lately celebrated his 63rd birthday and was born at Thurso, Que., his father being Donald McLean of that village. The latter was engaged in the timber trade and for a number of years took rafts of square and flatted pine and cedar down the Ottawa River to Lachine and Montreal. The rafts were produced during the winter months, and the present head of the C. L. A. made his first jaunt to the commercial metropolis on this water transportation vehicle with his father from Thurso in the spring of 1874. Just 49 years later Mr. McLean arrived once more in Montreal and was this time honored with the presidency of the Canadian Lumbermen's Association, the highest position in the gift of the lumbermen of the Dominion. His career has been one of steady advancement. He began in 1879 by shipping lumber for James MacLaren & Co., of Buckingham, Que., and later bookkeeper for J. A. Cameron & Co., North Nation Mills, Que. In 1887 he joined W. C. Edwards & Co., at their plant in Rockland, Ont., where he served as accountant for eight years.

In 1895 the subject of this reference linked forces with his brother, Hugh McLean, and under the firm name of Hugh McLean & Co., they were in business at Buffalo, N. Y., fourteen years when Angus returned to Canada to become general-manager of the Bathurst Company. He was subsequently elected vice-president of the company as well as general-manager, and last year was made president, succeeding the late Hon. Senator Edwards of Ottawa.

Mr. McLean is associated with several organizations other than the Bathurst Company, among them being Hugh McLean Lumber Co., of Buffalo, of which he is president; the Haynes Lumber Co., of North Tonawanda, N.Y., and the Wood-Mosaic Co., of New Albany, Ind. He is vice-president of both of these concerns and a director of the Canada Cement Co. A genial, approachable gentleman Mr. McLean makes friends on all sides, and his chief recreation is golf. He is a member of several clubs, including St. James, Montreal, Rideau of Ottawa, and the Garrison, of Quebec. In religion he is a Baptist and in politics, well you will have to guess. Under his direction the C.L.A. should continue to prosper and expand.

First Errand Boy: "Some terrible things can be caught from kissing."

Second Errand Boy: "Right! you ought to see the poor fish my sister caught."

Waiter—"Sir, when you eat here, you need not dust off the plate."

Customer—"Beg pardon, force of habit. I'm an umpire."

Two gentlemen riding on a train were both very much intoxicated.

First Gent. "What time is it?"

Second Gent (after extracting a match-box from his pocket with much exertion, and gazing at it intently): "Thursday."

First Gent: "My heavens, I've got to get off here."

"I gi'e the wee laddie a shullin' pocket money every week."

"Mon, that's a lot for him!"

"Aye, But I mak' him put it in the gas-meter. He thinks it's a money-box!"



# A Stranger Goes to the Windsor Convention

By Scrutator

I was reading in the "Canada Lumberman" a few weeks ago about this big retail lumber dealers convention to be held at Windsor. Now I've been doing a lumber and planing mill business up in this neck of land for twenty-five years without the help of any association and I guess another twenty-five would see me just as well off.

But I got reading bits out of the lumber magazine and about this gang of retailers going to have a convention down at Windsor. It said that every retail lumber dealer in Ontario was invited to come and bring his family, and told all about the sights to see in Detroit. Right there I decided to sneak off without any of the women folks. I couldn't take 'em all because there's four around our establishment. Besides I wasn't sure how this convention was going to suit me. There's a lot of stories going, about fellows sitting around smoking cheap cigars and spending most of the time cussing the government, wholesalers and manufacturers and trying to tell one other how they should run their business. I'm going to be frank, this trip down to Windsor appealed to me more as a mid-winter holiday.

I fixed everything at the mill so that things would run smoothly for three or four days and slipped out of town on the six forty. When the train was pulling out of town and I saw old Ned Cross, my competitor, working in his yard, a guilty feeling came over me like the fellow who was letting the other man do all the work. But I got thinking that this was the first holiday for me in three years and no matter what good came of it, it was a day or two off anyway. This kind of cheered me up and I went into the smoking room and lit up one of those cigars Charlie Willis gave me for Christmas. By nature I'm not gabby with strangers, but I got chatting with a fellow in there who was good company and before long we were talking lumber and found we were bound for the same place. This fellow was already a member of this Retail Association and from the way he went on about this convention, you would actually think that one could enjoy themselves at it.

## The First Impressions on Arrival

When we arrived at Windsor there was something unusual going on. I never saw so many people standing around doing nothing. The streets were lined as if there was a parade going to happen. At first the clerk in the hotel (it was a new one, called the Prince Edward) didn't want to give us any accommodation, said they were full up. But my partner informed him that we were with the retail lumber dealers' convention. He brightened up when he heard that as if somebody had supplied the lumber for the building free, and told one of those nigger boys to show us to room 809. When we were getting straightened away up in the room I noticed there was a solemn cortage going on down in the street and just then my partner, who was reading a Windsor daily newspaper, said it was the funeral of the late C. W. Kennedy, Minister of Railways, and the whole city was out to pay him its last respects.

When we got downstairs again, there was Willy King, our prime minister and the rest of the Ottawa cabinet standing around the lobby. My partner introduced me to his retailer friends and we registered with the secretary. On the mezzanine floor of the hotel, a number of manufacturers had exhibits including Bird & Son, of Hamilton, prepared roofing; Laminated Materials, Ltd., New Westminster, B.C., plywood manufacturers; Laidlaw-Belton Lumber Co., Sarnia, displaying an attractive line of doors; Seaman, Kent Co., Toronto, hardwood flooring and the B.C. Lumber Commissioner, 51 Yonge St., Toronto.

My partner was anxious to see the new plan service of the association so we looked in at that too. Those fellows certainly had some nice illustrated plans with the materials required and corresponding prices which they guarantee. My friend ordered the service on the spot and since then I've sent in my order too. If I don't make these contractors

around here eat out of my hand I'm mistaken. A few of those flashy billboards around town will earn an announcement from the Methodist pulpit.

## Getting off to Splendid Start

At two o'clock there was a big crowd in the convention hall of the hotel and everybody seemed anxious to get started. The meeting was opened when Rev. Robt. Bennie, of Leamington, led the dealers in prayer which was followed by Mayor Wilson, of Windsor, who welcomed them to the Border Cities. The president of the association, Mr. Scofield, was the next speaker, I was informed by my friend. After he had finished his short address I felt there was something being overlooked when I wasn't a member of an association with a president who could talk like that. But I was only starting to see light. Subsequently the business reports were read and the president asked F. B. VanDusen of Brockville to lead a discussion on trade ethics.

Before then, I had only a faint idea what ethics represented to retail lumber dealers, but it's clear now. There were some ideas presented that made a fellow like me wonder how I had nerve to go on by myself without helping to untangle the natural difficulties of the trade. One gentleman read a list of materials telling how a consumer had inquired for a price on them from ten dealers in western Ontario. The vast difference in quotations sent to him would seem to answer the question why the public are skeptical about lumber prices. Most of the men who spoke on the different subjects introduced themselves when they got on their feet, and let me know what part of the land they hailed from.

Ed. Rathbone, Toronto, said that many dealers used their hemlock as a bait, selling it at cost in order in order to draw the millwork business. No wonder a uniform price was so difficult when business was done on this basis. John C. Gilchrist, Toronto, said he went to three men to buy iron piping and each one gave him the same price. This illustrates how other lines of industry are co-operating toward uniformity in business practice.

Of course, such close prices are not possible in the lumber industry but methods could be a whole lot more uniform with a little co-operation. Just about this time I was thinking if all the discussions were as good as this one why I might stay another day.

E. C. Russell, of Walkerville, thought that standard sizes would be a big help in making a more uniform price. The next speaker was C. M. Canfield of Bird & Son, Hamilton, who told us about how they make prepared roofing. Thus ended the first day and I went down and told that boy at the desk that I would be in room 809 for another day.

## Greater Need for Accident Prevention

The next day the hall was crowded again at ten o'clock and the secretary read a paper on insurance and compensation which explained where the majority of accidents happened around the yard and factory and the necessary steps that would relieve the risk of injury to the employees. This was interesting to me, for just a few weeks back one of my men injured his hip and was on the shelf for a couple of weeks.

The next discussion was one that I had never really given much thought and the ideas presented interested me greatly. It was a talk on financing home construction led by S. Herath of Ojibway. He said that Canada needed 52,000 homes each year at a cost of \$2,000,000 and was far behind her necessary building programme. The average person found it difficult to obtain the credit, at a moderate cost, to build a home and the thought of a mortgage frightened many prospects away. He explained why building and loan associations couldn't be operated in Canada at present. Corporations of this kind were required by law to have a capital of \$300,000 with \$100,000 paid up. In the United States a \$5,000 building and loan association was protected



by the government. He suggested that the Ontario government should be approached to amend the law so that this great industry could strike its stride. He said forty other allied industries would be interested in associations of this kind. In explaining the system of building and loan associations, he said a man joining was given expert advice as to size of home he should undertake. It was a general rule that a man should only undertake a home that would cost two and a half times his annual income. This would be an improvement over some housing schemes we have had experience with.

#### What the Detroiters are Doing

After the morning session the president told us we were all invited to have luncheon with the Border Chamber of Commerce. George Howenstein, secretary-manager of the Detroit Lumber Dealers' Association, addressed the members and retailers and outlined the ideals of the association in the city across the river. He emphasized that price fixing was not a part of their programme whatsoever, as the public seemed to think. On the contrary it was in the best interests of the retailer to protect his customers from speculators, who, in good times, strive to obtain an unfair profit. They also, as a body, study economic practice, efficient cost methods and try to give their patrons an idea of how prices will fluctuate, for them to purchase accordingly. Mr. Howenstein also added that those who were waiting for lower prices in order to build cheaply were letting the best period slip by. "Prices can hardly drop now," said the secretary, "in fact we are looking for a sharp rise during the first six months of this year." He also stated that Detroit dealers have large stocks on hand, bought at last year's prices and so will be able to protect their customers against the anticipated advance. "That is how we try to work," he concluded.

Believe me that was one nice noon hour and I came away feeling particularly fit to listen at the afternoon session. At two we got started again. I had been hearing and reading a lot about cost accounting systems before coming to the convention, but most of them were too elaborate for my business. M. R. Bogart, of Chatham, was chairman of the discussion and explained how cost keeping had nothing to do with the amount of profit made, but was merely a safeguard from selling below cost. One of the members said he had installed a special cost system but it was not suited to his size of business. F. B. Van Dusen, of Brockville, explained the cost system his son, H. F. Van Dusen, had installed for him. They kept job sheets with the amount of material, the number of hours of each man working on the job, which showed the exact cost of each operation. Mr. Van Dusen stated, however, that the factory to him was a necessary evil and he would gladly be rid of it.

#### Knowing Where Business Stands Daily

W. M. Tupling of Orillia, explained the system in the plant of J. R. Eaton & Sons. The payroll which was a fairly large one was distributed so that each man's wage was charged to the department in which he was employed. Bench burden was charged to bench work, machine burden to machine work and so on. Office salaries and administrative expenses comprised the commercial burden and were kept separate from the factory or production burdens. "This system," said Mr. Tupling, "enables us to know how we stand at the end of each day if necessary."

F. B. Van Dusen was skeptical about the result of getting all retailers to agree on a uniform cost system. Geo. S. Zimmerman of Tavistock, believed that if fundamental rules of sound cost keeping were mutually understood by the dealers it would be a big step toward uniformity in selling prices. He moved that a committee be appointed to study a simple cost system applicable to any size business for the approval of the members.

By this time I was actually getting enthusiastic over this convention. That idea about uniform costs was a good one. If prices were more near a level there wouldn't be so much shopping around by the public, price cutting wouldn't be so prevalent and every one would know where they stood. Dealers would think twice before selling below cost if they had the cold figures before them.

Andrew Wise, of St. Catharines, told the retailers about

an article in the January 1st edition of the "Canada Lumberman" which outlined a correct and simple method of arriving at a fair sales price and illustrating the fallacy of guessing at a selling price.

#### No Long Winded, Dreary Talks

Funny thing about this convention, one didn't get tired listening to the different men, because they didn't drag out what they had to say. Up on the president's desk were two electric light bulbs. One was just plain and the other was red. When a man had aired his thoughts for nine minutes the white light went out and the red one was flashed on. This meant only one minute more to hold forth and most of the speakers took the hint.

The apprentice problem was directed by Robt. Bennie of Leamington, a veteran in the industry. He outlined the menace of not teaching intelligent boys the trade. J. T. Wallace of London, said the mill men were to blame themselves for not making the calling attractive. Better wages would have to be paid the boys and the dignity of the trade raised. The value of technical schools was discussed. Some were not in accord with these institutions and their methods, but the majority had words of praise for the samples of work turned out by these schools. J. B. Mackenzie of Georgetown, said he gave prizes at the fall fair in his district for cabinet work and in that way obtained apprentices for his plant. He also said in order to get the older men to take pains in teaching the boy, he offered them a bonus. This increased the efficiency of the boy in the bargain.

K. J. Shirton of Dunnville, in opening a discussion on the value of the Shippers' Rating Bureau, handed around blank rating forms for inspection by the members. The quality of the grading it was agreed was the chief fault to be found with shippers and it was the general opinion that some check up should be introduced. It was decided not to form a shippers' rating bureau, but blank forms will be issued the members on which they can submit complaints of certain shippers for the secretary to investigate.

#### Getting Fixed Up for the Banquet

In announcing the next item on the programme the president told us it was nearly six o'clock and that this would be the last question discussed on the afternoon's programme, as the annual banquet would be held at six-thirty.

Geo. H. Arnott, Superintendent of the Windsor Lumber Co. in his talk on accident prevention brought up many points and forcibly illustrated what a thief carelessness is, both to employer and employee. He also explained how the systematic arrangement of machines in the factory resulted in less congestion and accidents.

Clarence de Fields, Fire Chief of Windsor, spoke to the retailers briefly on the care of fire extinguishing equipment and how orderliness about the plant saved many dollars' loss in the case of fire.

The meeting adjourned and we went up to our room and got straightened away for the banquet. This is an annual affair, they tell me, and generally catches the retailer at his best. Our old friend Jack Miner of Kingsville, the man of a thousand animal stories and a funny fellow called Douglas Malloch from Chicago entertained us.

L. L. Brown of Toronto, showed some pictures on the canvas of how they cut and yard the big trees in British Columbia. In between times an orchestra played some tempting music for those who wished to dance. We didn't do any dancing, but did a whole lot of listening and some eating.

I came away thinking what a fine bunch of fellows the men in my line of business are. We came to the convention, all of us, to learn ways or create means whereby we could increase our business, but after all wasn't it an honest endeavour to be of more service to our communities.

#### What Legitimate Retail Dealer Is

Next day we gathered together again and A. R. Sanders, of St. Thomas, opened a talk on the relation of wholesalers, retailers and contractors. He emphasized how wholesalers should, in the interest of the industry, be careful that they are doing business with strictly retail lumber dealers. Discussion developed as to what was considered a legitimate



retail lumber dealer. The following resolution was adopted: Resolved that any person, firm or corporation carrying an assorted stock of lumber, lath and shingles and interior trim, reasonably commensurate with the needs of the community in which they do business. This Association puts itself on record as considering the following legitimate customers for retail lumber dealers only,—contractors, consumers and manufacturers using one or two carloads per year.

It was resolved that Secretary Boulton be instructed to send a copy of the resolution to all wholesalers and manufacturers. This was certainly a step forward in pointing out to the wholesalers who's who.

We have been hearing much about standardization these days. W. M. Tupling, of Orillia, gave some very pertinent slants on this question. He said much of the waste was created in the architect's office. John C. Gilchrist, of Toronto, pointed out that it was the architect's very life to produce originality. It was the popular opinion, that in many cases where uniform sizes, especially in mouldings, could

be used without clashing with the originality of the design, they should be and unnecessary waste eliminated.

#### Guess Things Were Worth While

President Scofield spoke briefly on the value of a trademark for the Association, and it was decided to leave the matter in the hands of the new executive. After the election of officers, votes of thanks were extended to those who had worked so unselfishly to make the convention a success; the speakers; the entertainers; L. H. Richards, of Sarnia, for his good work as chairman of the summer outing committee; the trade and daily press for reporting the convention. The members then rose and sang, "God Save the King."

Coming home on the train I remembered how I had consoled myself with the thought about taking a short vacation. But those three days had been chuck full of business. They were just as important to me, as I look back on them now, as days spent looking over some new time or labor-saving equipment for my mill.

## Delegates Present at Ontario Convention

Aitchison, W. J., Aitchison & Co., Hamilton.  
 Barrett, E. M., Barrett Bros., Ottawa.  
 Bartlett, T. H., Beaver Co., Limited, London.  
 Belton, George H., George H. Belton Lumber Co., London.  
 Bennie, A., Ludlam-Ainslie Lumber Co., Leamington.  
 Bennie, Robert, Ludlam-Ainslie Lumber Co., Leamington.  
 Boake, V. E., Boake Mfg. Co., Toronto.  
 Bogart, M. R., S. Hadley Lumber Co., Chatham.  
 Bolton, R. S., Villeneuve Lumber Co., Walkerville.  
 Bowden, H. V., Bowden & Sons, Lansing.  
 Branch, James, Windsor Lumber Co., Windsor.  
 Braniff, C. J., MacLaren Lumber Co., Brockville.  
 Coates, Chas., A. Coates & Sons, Burlington.  
 Conklin, W. T., Conklin Planing Mills, Kingsville.  
 Clarke, B. F., McPherson & Clarke, Glencoe.  
 Cluff, J. J., N. Cluff & Sons, Seaforth.  
 Cucksey, W. L., P. G. Piggott Lumber Co., Chatham.  
 Delaplante, Bert., Beaver Lumber Co., Hamilton.  
 Doty, C. F., Davis & Doty, Oakville.  
 Dryden, R. G., R. G. Dryden, Toronto.  
 Downe, P., Conklin Planing Mills, Kingsville.  
 Dunnett, Chas. S., Walter T. Piggott Lumber Co., Windsor.  
 Fletcher, J. A., Fletcher Lumber Co., Windsor.  
 Foales, A. E., Shultz Bros., Brantford.  
 Forster, G. H., W. T. Piggott Lumber Co., Windsor.  
 Fothergill, J. E., Conklin Planing Mills, Kingsville.  
 Free, James, Mimico.  
 Gardiner, James, Gardiner & Co., Galt.  
 Gilchrist, J. C., Gilchrist Lumber Co., Toronto.  
 Gilchrist, R. S., Boake Mfg. Co., Toronto.  
 Gillies, P. J., Laidlaw-Belton Lumber Co., Sarnia.  
 Goatbe, John, Comber Planing Mill, Hamilton.  
 Goatbe, S. L., Comber Planing Mill, Comber.  
 Griesinger, W., Windsor Lumber Co., Limited, Windsor.  
 Hadley, Chas. S., S. Hadley Lumber Co., Chatham.  
 Hadley, S. C., C. & J. Hadley, Chatham.  
 Hadley, W. A., S. Hadley Lumber Co., Chatham.  
 Hale, A. F., Kernohan Lumber Co., London.  
 Harrison, W. H., Niagara-on-the-Lake.  
 Hollingsworth, F. E., Soo Lumber & Mill Co., Sault Ste. Marie.  
 Hubbell, Chas., Chas. Hubbell, Thamesville.  
 Ingleby, C. E., Ingleby-Taylor Co., Brantford.  
 Irvin, J. C., Irvin Lumber Co., Toronto.  
 Jull, H. A., Ingleby-Taylor Co., Ltd., Brantford.  
 Kennedy, A. D., Thunder Bay Lumber Co., Port Arthur.  
 Kernohan, George N., G. N. Kernohan Lumber Co., London.  
 Laidlaw, R. A., R. Laidlaw & Co., Toronto.  
 Lawson, Chas., Alliance Lumber Co., Hamilton.  
 Ludlam, Stewart, Ludlam-Ainslie Lumber Co., Leamington.  
 Macdonald, A. C., G. W. Gardiner & Son., Galt.  
 McDonald, Martin, Thunder Bay Lumber Co., Port Arthur.  
 McEachren, D. J., Alvinston.  
 McGibbon, J., McGibbon Limited, Sarnia.

McKenzie, J. B., Georgetown.  
 MacPherson, G. D., G. D. MacPherson Lumber Co., Merlin.  
 MacPherson, J. A., G. D. MacPherson Lumber Co., Merlin.  
 Morris, E. C., Wallaceburg Lumber Co., Wallaceburg.  
 Murphy, E., E. Murphy, Mount Forest.  
 Naylor, E. A., Naylor-Osborne Co., Tecumseh.  
 Naylor, J. A., Naylor-Osborne Co., Essex.  
 Naylor, J. L., Naylor-Osborne Co., Essex.  
 Osborne, A. W., Naylor-Osborne Co., Sandwich.  
 Patterson, Thos., Patterson & Crosthwaite, Hamilton.  
 Patterson, T. A., Mickle, Dymont & Son, Toronto.  
 Piggott, P. G., P. G. Piggott Lumber Co., Chatham.  
 Piggott, W. T., W. T. Piggott Lumber Co., Windsor.  
 Poisson, E. C., E. C. Poisson Lumber Co., Ford.  
 Pounder, T. A., Pounder Bros., Stratford.  
 Press, R. J., Alliance Lumber Co., Hamilton.  
 Rathbone, Ed., George Rathbone & Son, Toronto.  
 Richardson, Gordon, Richardson Lumber Co., Tilbury.  
 Richards, L. H., Laidlaw-Belton Lumber Co., Sarnia.  
 Rodgers, J. H., Ball Planing Mill Ltd., Barrie.  
 Rose, A. G., James Davidson's Sons, Ottawa.  
 Russell, E. C., Walker & Sons, Walkerville.  
 Sanders, A. R., Sanders & Bell, St. Thomas.  
 Saundercock, George, Windsor Lumber Co., Windsor.  
 Saunders, Wm., Wm. Saunders, Dutton.  
 Savage, W. E., Mimico.  
 Scofield, J. C., Windsor Lumber Co., Windsor.  
 Shirton, K. J., Wm. Shirton Lumber Co., Dunnville.  
 Smith, E. S., Dominion Lumber & Coal Co., Hamilton.  
 Taylor, W. J., Watson & Taylor Lumber Co., Ridgetown.  
 Tennant, R. B., R. B. Tennant & Co., North Bay.  
 Thomson, W. H., Thomson Bros., Port Credit.  
 Truax, H. E., Walkerton.  
 Tupling, W. M., J. R. Eaton & Sons, Orillia.  
 VanDusen, F. B., Brockville Lumber Corporation, Brockville.  
 VanDusen, H. F., Brockville Lumber Corporation, Brockville.  
 Villeneuve, Felix, Villeneuve Lumber Co., Walkerville.  
 Villeneuve, Leo, Villeneuve Lumber Co., Walkerville.  
 Villeneuve, Walter, Villeneuve Lumber Co., Walkerville.  
 Wallace, J. T., Dymont Baker Lumber Co., London.  
 Watson, N., Watson & Taylor, Ridgetown.  
 Watt, Allan, Watt Milling Co., Toronto.  
 Wilby, Miss Marion, Windsor Lumber Co., Limited, Windsor.  
 Wellman, Chas., Conklin Planing Mills, Amherstburg.  
 Williamson, F. S., W. Williamson Lumber Co., Toronto.  
 Wise, Andrew, Henry Wise Lumber Co., St. Catharines.  
 Wright, R. T., Thorndale.  
 Zimmerman, G. S., Zimmerman Bros., Limited, Tavistock.  
 Armstrong, T. A., Seaman-Kent Co., Toronto.  
 Barclay, L. D., Canadian Western Lumber Co., Toronto.  
 Barnsdale, A. C., Bird & Son, Stratford.  
 Burge, J. E., Cleveland-Sarnia Sawmills, Sarnia.  
 Campbell, A., Preston Woodworking Co., Galt.



Canfield, C. M., Bird & Son, Hamilton.  
 Canfield, P. L., Canfield-Wilmot Lumber Co., Woodstock.  
 Carter, W. C., Fesserton Timber Co., Toronto.  
 Clemens, H. A., Midland Wood Products Co., Galt.  
 Donnelly, J. T., Yates Machinery Co., Hamilton.  
 Elliott, Earl, Elliott & Elliott, Windsor.  
 Elliott, W. R., Elliott & Elliott, Windsor.  
 Folds, P. S., Brantford Roofing Co., Brantford.  
 Gordon, A. C., Mickle, Dymont & Son, Toronto.  
 Hall, John, W. M. Ritter Lumber Co., Toronto.  
 Harling, R. S., Seaman-Kent Co., Toronto.  
 Harper, E. D., A. E. Gordon Lumber Co., Toronto.  
 Irwin, C. L., Bird & Son, Hamilton.  
 Irwin, R. S., Seaman, Kent Co., Meaford.  
 Lord, E., Fesserton Timber Co., Toronto.  
 MacConell, M. R., Beaver Co., Limited, Toronto.  
 Mackenzie, T. E., Seaman, Kent Co., Toronto.  
 McDonald, J., Seaman, Kent Co., West Lorne.  
 Milne, Wm., W. Milne & Sons, North Bay.  
 Parsons, E. C., Canadian Western Lumber Co., Toronto.  
 Plank, F. W., Frank H. Harris Lumber Co., Toronto.  
 Plant, R. S., Vancouver Lumber Co., Toronto.  
 Reed, C. L., Central Canada Lumber Co., Toronto.  
 Reed, Frank L., Union Lumber Co., Toronto.  
 Siddall, H. S., Laidlaw-Belton Lumber Co., Sarnia.  
 Smith, A. R., Clark & Smith, Weston.

Stark, Andrew, Elgie & Jarvis, Toronto.  
 Trew, Hastings, R. Laidlaw Lumber Co., Toronto.  
 Thomson, F. C., Brantford Roofing Co., Brantford.  
 Watt, R. A., Terry & Gordon, Toronto.  
 Whaley, H. T., Schroeder Mills & Timber Co., Toronto.  
 Wilmot, A. G., Canfield-Wilmot Lumber Co., Woodstock.  
 Woodcock, A. K., Creosoted Products, Limited, Toronto.  
 Brown, L. L., B. C. Lumber Commissioner, Toronto.  
 Hardy, E. D., Can. Lumbermen's Insurance Exchange, Ottawa.  
 Lynn, A. W., "Canada Lumberman," Toronto.  
 Meinzer, G. T., O. R. L. D. A., Toronto.  
 Roberts, A. E., B. C. Lumber Commissioner, Toronto.  
 Rutter, F. M., C. P. R., London.  
 Ritchie, W. B., Universal Car Agency, Windsor.  
 Scherbarth, F. W., "Canada Lumberman," Toronto.  
 Walker, L. C., Forest Products, Limited, Toronto.  
 Artz, John C., Lumber Mutual Fire Ins. Co., Rochester, N. Y.  
 Bowes, C. L., Service Department, Chicago, Ill.  
 Carson, A. A., Curtis Detroit Co., Detroit, Mich.  
 Daugharty, Vilas, Detroit, Mich.  
 Dickheiser, H., Nat'l. Magnesite Stucco Co., Wyandotte, Mich.  
 Hager, A. J., Mich. Retail L'b'r. Dealers' Ass'n., Lansing, Mich.  
 Shaw, John R., Detroit, Mich.  
 Spitzer, M., Humbolt Redwood Co., Detroit, Mich.  
 Whiting, F., Nat'l. Magnesite Stucco Co., Wyandotte, Mich.

### Western Lumbermen Adopt Code of Ethics

Recognizing the mutual dependence existing between themselves, the manufacturers, jobbers and wholesalers of products in which they dealt, and the general public, the members of the Western Retail Lumbermen's Association, at their recent convention in Winnipeg, adopted a code of ethics, or declaration of principles, as a guide for the maintenance of correct business standards.

The code had been considered by the board of directors and was presented by the president. It establishes the ethics which should exist between the lumbermen and those from whom they bought, those to whom they sold, between themselves and their relations to the public. It recognizes the interdependence of one on the other of all engaged in the business of manufacturing and distributing building materials, and that proper business standards could be maintained only by a sincere acceptance of such standards by the individual members of the industry.

The chief principle evolved between the members and those from whom they bought is that no misleading statements are to be made to obtain lower prices. Another one is that purchasing agents should not accept any gratuity, commission or allowance in connection with any purchase, and breach of that provision should constitute grounds for instant dismissal.

In regard to those to whom the lumbermen sell materials, the code declares unequivocally in favor of a one-price-to-all policy.

As the code affects the relationship between the lumbermen and the public it accepts the manifest duty of all citizens to take an active interest in all matters that affected the welfare of the community.

### Mr. Hamber Optimistic on Lumber Outlook

Mr E. W. Hamber, president and managing-director of the British Columbia Mills, Timber & Trading Co., of Vancouver, and a director of the Dominion Bank, referred in some detail to business conditions in British Columbia in the course of his address at the bank's annual meeting held recently in Toronto. He said that production in the lumbering and associated industries was steadily expanding; the importance of prosperity in the lumbering industry could be best realized, when it was understood that some 30 to 40 per cent of the total industrial wage of the Province was derived from these associated industries. Some two billions of feet was the production for 1922. The increase in output represented by these figures was derived in large measure from increased overseas trade, with China, Japan, Australia, New Zealand and India. Not only has a large percentage of this increase come from new business created overseas, but has been business taken from competitors to the south of the international boundary line, and all, too, without any preferential arrangement with these countries.

Mr. Hamber attributed this increase in part to the advent of the Canadian Government Merchant Marine. He had it on good authority, he declared, that the Government service, operating out of Van-

couver, had in the past year paid its operating charges and from the present outlook, as far as the Pacific coast was concerned, should in the near future, give adequate returns on the investment.

He referred to the "almost revolutionary effect of trade and commerce that the Panama Canal is having on the Pacific coast," and pointed to the heavy growth of grain shipments from the port of Vancouver, which should reach a total of nearly twenty-five million bushels in the 1922-23 crop season, as compared with a movement of one million bushels in 1921.

### Newsy Paragraphs of the Trade

A. E. Clark, of Toronto, late president of the Canadian Lumbermen's Association, and Mrs. Clark are leaving for Florida where they will spend a few weeks. On his return from the convention in Montreal Mr. Clark was taken ill and had to remain at home for a couple of weeks, suffering from an affection of the antrum.

The many friends of A. M. Kerr, secretary of the Preston Woodworking Machinery Co., Preston, Ont., will sympathize with him in the death of his wife. Besides her husband, she leaves a family of three small children.

The False River Co., Vancouver, B.C., has started the rebuilding of its sawmill which will cost about \$15,000.

Under the new commercial treaty with France, logs and rough and squared wood from Canada get the benefit of the French minimum tariff.

Two widely known lumbermen retained their seats in the recent Provincial contest in Quebec. They are R. Tourville, elected for Maskinonge, and G. E. Ouelette, elected for Yamaska. Both are directors of the Tourville Lumber Mills Co., Limited.

A. E. Reesor, of the Glen Willow Mills, Cedar Grove, Ont., states that he does not handle much lumber personally but does considerable sawing for the farmers in and around Markham and Locust Hill. Judging by the way that the logs are coming it at present, Mr. Reesor says that he is looking for a larger custom cut than he has had for several years. The large local supply will considerably lessen the demand for lumber shipped into that district.

Alex. Fenton, of the Riordon Co., Limited, is taking a month's rest in the Laurentian Mountains. He has not been well for the past few weeks.

Fred J. Cummings, of the Kingston Road Lumber Co., Toronto, and Mrs. Cummings, have been on an extended trip to the Pacific Coast.

Gagnon & Freres, Limitee, of Matane Rimouski district, Que. have been granted a provincial charter to buy, sell and manufacture lumber, shingles, pulpwood, etc. The incorporated company, which succeeds H. Gagnon & Freres, has an authorized capital of \$99,000.



## Progressive Lumberman Who Has Risen Steadily



Mr. J. J. McFadden, Spragge, Ont.

At the head of the newly-incorporated firm of J. J. McFadden, Limited, Spragge, Ont., is J. J. McFadden, who for many years conducted operations under the name of McFadden & Malloy. As stated in a recent issue of the "Canada Lumberman," J. J. McFadden, Limited, has an authorized capital of \$5,000,000. J. P. Gillies is vice-president of the organization, R. F. Grimes managing-director and P. T. Seymour secretary. In connection with the firm, it may be stated that Mr. McFadden is a man of a retiring disposition who has plied his calling for many years quietly and persistently and to-day is one of the biggest and most successful operators in the Dominion. Of Irish extraction, he was born in the pretty little town of Aylmer, Que., on the

shores of Lake Deschene. There he went to school, played truant and did most everything else that the active, healthy boys of that day engaged in. Young McFadden was fond of hanging around the local sawmill and always liked to hear the hum of the industry. He learned to run the logs in his bare feet and loved paddling about using some of the big fellows as a craft. When eleven years of age his mother died and he then went to Renfrew where he attended school for several years. Mr. McFadden secured his first position, outside of Renfrew, when eighteen years of age, with J. R. Booth as camp clerk on the Madawaska limits. He soon mastered other activities and was able to perform any duty in connection with bush work from the felling of a tree to the driving of a team. He also started in to measure logs and became a scaler for Mr. Booth and, was later promoted to the position of chief clerk at one of the depots on the limits.

After four years' service with Mr. Booth, the subject of this reference became bookkeeper and scaler for Hale & Booth, the firm being composed of Thos. Hale of Pembroke, Robert Booth of Pembroke and J. R. Booth of Ottawa. They conducted operations on the Veuve river, running into Lake Nipissing along the mainline of the C.P.R., and also on the Amable and DuFond streams which are tributaries to the Mattawa. The company got out square and waney white pine timber for export. This was in the eighties and the square timber trade was then a prominent factor in the development of the lumber industry of Canada.

Mr. McFadden was later made manager of the logging enterprise of the company and remained with them until 1890. He then branched out on his own behalf and for three successive seasons conducted big logging contracts in the Algoma District as well as taking out some stock on his own behalf. He then rejoined Hale & Booth, and, becoming a partner in the firm, went to Michigan where, in the upper peninsula of that state, he tapped virgin forests of white pine and, within four years, took out a million cubic feet of waney timber as well as a huge quantity of logs. The timber was loaded on vessels at Grand Marais, Mich., and shipped to Quebec for export while a large consignment of logs was turned into lumber at Grand Marais. This venture proved to be a profitable one and was wound up after four years, owing to the death of Mr. Hale which took place when Mr. McFadden was exploring some timber resources in Minnesota with a view to operating in that state.

Returning to Canada, he took out logs on the Vermillion River in the vicinity of Sudbury for some time, and subsequently formed a partnership with the late John Ferguson, M.P., of Renfrew, and the late Wm. Anderson of J. R. Booth. They operated under the style of Ferguson & McFadden, running a well equipped mill at Tomiko, twenty-six miles north of North Bay on the T. & N.O. Railway. This operation continued for five years.

Mr. McFadden also conducted mills at East Templeton, Que., and other places, and some ten or twelve years ago formed a partnership with the late John Malloy under the name of McFadden & Malloy, purchasing the limits and mill of Waldie Bros. at Spragge, Ont. Four years ago the firm bought the mill, stocks and timber concessions of Eddy Bros. & Co., Blind River, which is sixteen miles west of Spragge. This important deal gave the firm a cutting capacity of about 300,000 feet a day. The season's production of Mr. McFadden is 35,000,000 to 40,000,000 feet a year, consisting prin-

cipally of white and red pine. The leading market for the output at Spragge and Blind River is the United States.

This winter Mr. McFadden is operating nine camps and will take out more timber than a year ago. He has always taken a warm interest in the activities of the Canadian Lumbermen's Association and the Georgian Bay Lumbermen's Association, as well as all boom and improvement companies. In the federal election campaign of 1921 he was strongly urged to become the Liberal candidate in East Algoma, but his chief attention has always been devoted to his vast lumbering interests, in the development of which he has been the central figure until to-day his firm is an outstanding organization in the Canadian forest products arena. Mr. McFadden rarely takes a holiday, and finds his chief pleasure and delight in the open air, pioneer pursuit in which he has been engaged for the last forty years.

## Shortage of Spruce Stock Looms Up

A leading Eastern wholesale lumber firm in a recent report say that trade looks much brighter now—not only looks it but is better and there is a feeling that 1923 will be a good year. Continuing, they say "Stocks are very low and the output is going to be smaller than we figured on the early part of the season. The yards and our American cousins are beginning to open their eyes to the fact that ready largely gone into consumption. This also applies to the United Kingdom as well.

"Our English friends are already aware of the fact that if they want Canadian lumber that they will have to pay the price for it. At the present time they are willing to do so; in fact for certain grades etc., they are a little ahead of our American cousins in price. This all goes to show that, with a much reduced output from most Eastern mills, practically no old stocks on hand, (this has been the great drawback for the last two years), the retail yards pretty bare, and, at the same time, talk of a great amount of building all over this part of this continent, prices should advance. The increase should be enough so that the lumberjack and the millman will be enabled to make a decent wage and living, and also allow the latter to pay a fair stumpage. This observation applies whether the logs come off Government lease or private lands.

"We do not want a runaway market, only enough to make a fair profit. If anyone is entitled to a fair margin it is the lumbermen, for they have to take decidedly long chances, much more so than in a great many other businesses."

## Good Friend of Lumbermen Passes

Dr. S. P. Cooke, who for over fifty years followed the pursuit of medicine in Ottawa and was the oldest practising physician in the Capital city, passed away recently in his 75th year. He took to his bed on the day after Christmas and died practically worn out after half a century of medical practice. He gave free medical attention each month to scores of poor people in Ottawa and his death is deeply regretted.

The late Dr. Cooke was well known to many lumbermen in both the upper and lower Ottawa Valleys and on the Gatineau. He was born at North Nation Mills, Que., and was a son of the late Alanson Cooke, ex M.P.P., who expired in 1904 in his 93rd year. Many old-timers will remember that Alanson Cooke operated on the Ottawa river with sawmills at North Nation Mills, which is forty miles below Ottawa, under the firm name of Cooke & McGill.

S. P. W. Cooke, of Toronto, who represents J. Hanbury & Co., Limited, of Vancouver, and the Allen-Stoltze Lumber Co., Limited, of Vancouver, is a son of the late Dr. Cooke, and many friends will extend their sympathy. The deceased physician is survived by his wife, three sons and two daughters. The funeral to Christ Church Cathedral and thence to St. James Cemetery, Hull, was largely attended, showing the esteem in which he was held. The floral tributes were numerous and beautiful.

## Lumbermen Object to the Stamp Tax

W. P. Dutton of Winnipeg, was recently re-elected president of the Western Retail Lumbermen's Association, at its Thirty-second annual convention held in Winnipeg.

Resolutions expressing opposition to the stamp tax on receipts and cheques, urging the provincial Government to take measures for the reduction of the cost of litigation, and also recommending very careful consideration of the Hudson Bay Railway project before definite action one way or the other is taken, were adopted during the morning's session.



## How the Retail Lumber Dealer Can Co-operate

(Continued from page 36)

fact that implement sheds are cheap and necessary and that farm machinery is necessary but not cheap. He points out that every farmer needs a building separate from his other farm structures, designed for the storage of implements, away from poultry roost nuisance and danger from fire. Poultry is interesting on a farm but not among implements and waggons. You can turn a wagon wheel into a hen roost by rolling it in; frequently the hens turn the whole wagon into a roost without turning a wheel. When the hired man hitches up and climbs into the seat in the morning before daylight, he expresses his opinion freely. With a good enclosed implement shed such accidents are not likely to happen.

Mr. Mackenzie points out that \$1,000 worth of farm machinery with the best of care will depreciate about 10% annually. The loss on many farms is more than that because the whole farm equipment is left out under the weather when it should be under cover.

### Some Implements to Keep Covered

Some of the implements which the average farmer possesses are: Grain harvesting machines: binders, reapers, shockers, threshers.

Haying machines:—mowers, rakes, tedders, combination side rake and tedder, loaders, all types, sweep rakes, stackers, baling presses, bunchers.

Beet tools:—seeders, cultivators.

Corn machines:—binders, planters, drills, cultivators, ensilage cutters, shellers.

Planting and seeding machines:—grain drills, broadcast seeders, fertilizer drills.

Power machines:—kerosene engines, kerosene tractors, motor trucks.

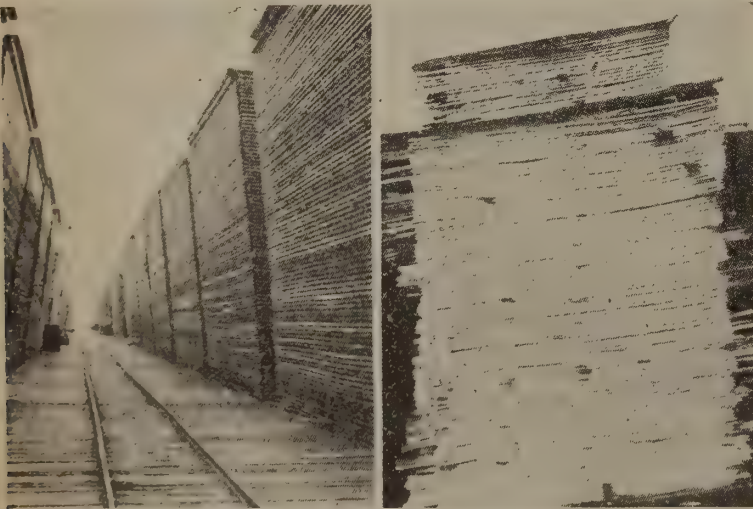
Tillage implements consists of:—tractor plows, riding plows, walking plows, disc plows, disc harrows, tractor harrows, orchard harrows, spring tooth harrows, peg-tooth harrows, cultivators, cultipackers, land rollers.

Other farm equipment includes:—cream separators, farm wagons, farm trucks, manure spreaders, straw spreader attachment, feed grinders, tractor hitches binder twine, sleighs.

## Good and Bad Lumber-piling Methods

The extreme of good and bad practice in lumber piling are shown in the accompanying illustration.

The photograph on the left shows an alley of hardwoods piled for profit. All piles have the same slope and pitch, all are placed on concrete foundations 12 to 18 inches above the ground, and the roofs of all piles are secured firmly with wire. The stickers, which are in no case wider than four inches, project one inch beyond the fronts of the piles throughout the yard. The ground about the piles is covered with closely-cropped grass, and there are no weeds nor scraps



An illustration of "how and how not to"

of decaying lumber to incubate molds or stains which may attack the piled lumber. Ample air circulation is assured by maintaining an interval of four feet between piles, and by the generous space between pile and ground.

The two piles shown in the photograph on the right are not uniform in slope, pitch, or length, nor were there two piles in the entire yard which were alike in these particulars. The foundations of the nearer pile are of rotten timbers, and the pile itself was started on a layer of lumber culled from a previous pile on account of decay. The roof is not secured against strong winds. The stick-

ers are not placed flush with the ends, and the lumber near the bottom of the pile is badly bent as a result of their not being placed one directly over the other. The piles being only 18 inches apart, without flues, and the space below the pile choked with refuse wood, there is little chance for circulation. The projecting boards not only warp and twist badly, but in rainy weather they carry the dirty dirt from the tramway back into the pile to stain the lumber and start molds. The lumber shown in this pile is resawed stock, but surely worth drying properly if good enough to dry at all.

Lumber dried under the conditions of the piles shown on the left seasons rapidly, uniformly, and with a minimum of deterioration. The extra cost of careful piling and care of the yard is more than compensated for by the improved quality of the lumber, not to mention the saving in assurance.

Lumber dried under the conditions shown at the right often degrades to the extent of 25 per cent.

## Ten Things Not to do For Efficiency

From the point of view of efficiency the following things are very unlucky:

Arriving ten minutes late.

Quitting work ten minutes too soon.

Starting a job before planning it.

Spelling a customer's name wrong.

Putting the blame on some one else.

Making the same mistake twice.

Getting angry three times in the same day.

Taking eight hours' pay for six hours' work.

Thinking of a horse race while operating a lathe.

Running upstairs after a heavy meal.

—Efficiency Magazine.

## The Sweet Salute to the Trees

Many a tree is found in the wood  
And every tree for its use is good;  
Some for the strength of the gnarled root,  
Some for the sweetness of flower or fruit;  
Some for shelter against the storm,  
And some to keep the hearthstone warm;  
Some for the roof and some for the beam,  
And some for a boat to breast the stream.  
In the wealth of the wood since the world began  
The trees have offered their gifts to man.

Henry Van Dyke

## Yes? It is Very Funny

Isn't it funny?

THAT A MAN WHO THINKS

HE IS A BUSINESS MAN

Will get up in the morning

From an advertised mattress,

And put on advertised underwear,

Advertised hose, shirt, collar, tie and shoes,

Seat himself at the table and

Eat advertised breakfast food,

Drink advertised coffee or substitute,

Put on an advertised hat,

Light an advertised cigar,

Go to his place of business and

TURN DOWN ADVERTISING

ON THE GROUND

THAT

ADVERTISING DOESN'T PAY.

—Greenville (Tex.) Evening Banner.



# Is Pulp And Paper Industry Growing Too Fast?

*Danger Signs Seen in Some Directions that the Saturation Point is in Sight—Warning against Unnecessary and Excessive Production.*



H. F. E. Kent, Toronto,  
The New President

H. F. E. Kent, of Toronto, president of the Kinleith Paper Mills, Limited, is the new president of the Canadian Pulp and Paper Association, with George Carruthers, head of the Interlake Tissue Mills, Limited, whose plant is at Merriton, Ont., vice-president. These appointments were made at the annual meeting held in the Ritz-Carlton hotel, Montreal, on January 26th.

In the absence of G. M. McKee, Mr. Kent presided over the meeting, which discussed questions in a fuller manner than is customary.

In place of the usual presidential address, Edward Beck, the secretary, gave a survey of conditions in the industry. He sketched the rise of that industry, pointed out that in 1913

64 mills were in operation while in 1921 there were 100 mills. Newsprint production in 1913 amounted to 350,000 tons; in 1921 the production was 805,114 tons or 130 per cent. greater, while in 1922 it exceeded 1,690,000, or an increase of 300 per cent. in the ten year period. Total woodpulp of all kinds produced in 1913 amounted to 854,624 tons; in 1921 it amounted to 1,544,027 tons, an increase of 80 per cent. What about the year 1922 just closed?

In considering the immediate condition of the industry we must remember the year 1921 was one of depression and difficulty; it was also a year of reorganization and reconstruction. Towards the end of that year, however, the situation began to look a little clearer and we entered upon 1922 with a more optimistic outlook, prepared for twelve months of steady, if slow, progress. The year which has just closed fulfilled our expectations and although we had no sudden return to prosperity, we have experienced a steady growth and development and we feel confident that our industry is now on a solid and sound basis so that we can look forward with cheerful optimism."

## Mr. Beck Utters Word of Caution

Mr. Beck pointed to a great all-round increase in production during the past year, and proceeded:—

"Satisfaction over past achievements should not lead us to underrate the possibilities of the future. There is no reason why our industry should not continue to expand and to keep pace with the growth of the country and with the natural increase in the universal demand for its products. Possibly, however, we may be going ahead a little too rapidly. Overconfidence as to an unabated continuance of the present demand for our products may lead us into undue or too rapid development. There are already danger signs in one or two directions that the saturation point is in sight. We should guard against unnecessary and excessive production, which is apt to prove as unprofitable and undesirable for the consumer as it is for the producer.

"When it is considered that the newsprint mills of Canada, now in operation, or under construction, or for whose construction provisions have been made, are committed to a program which will give them a combined output capacity of 4,315 tons a day, or practically 1,300,000 tons a year by the end of next year; that production in the United States is also due for an increase, attributable to new machines now in process of installation; that the total demand for this class of paper on this continent, practically our only assured market, at its maximum and never exceeded 2,500,000 tons a year that United States production has never failed to equal at least 58 per cent. of this demand, and that the tonnage due from Canada by the end of 1924 will equal 57 per cent. of the greatest volume of consumption in any one year, the figures may naturally invite a question as to whether expansion has not reached or is it approaching the danger line?

"Similar conditions may be said to apply in lesser degree to the production of groundwood sulphite and the finer grades of paper. If expansion is to go on at its present rate it is inevitable that new markets must be explored. Where are they to be found? How can we best meet the competition that we shall be faced with when we find them?" A vote of thanks was accorded to Mr. Beck.

The reports of the various sections were then submitted, R. P. Kernan, the chairman of the Woodlands Section pointing out that the use of gasoline driven tractors in logging operations has gone far beyond the experimental stage and their worth for hauling under certain conditions has been absolutely proven. In several places in the Adirondacks hardwood and spruce logs are being hauled for distances of from seven to fifteen miles at a very low cost. Some members are using tractors on a small scale and, after studying the matter more closely, timber situated in the back country five to ten miles from the rivers should be cut and hauled as cheaply as the timber nearer at hand.

## Two Proposed Appointments Deferred

The proposed appointment of a Director of Technical Research for the Association and also of a permanent secretary for the Woodlands Section, the first department to cost \$30,000 and the latter \$10,000, resulted in a long discussion. While there was no opposition to the principle of research work and of a permanent secretary, some members expressed the opinion that the time was inopportune for such appointments. It was decided that both should be held in abeyance for a year and that the Committee on Technical Research should continue its work.

A proposal to amend the by-law dealing with dues was carried. Angus McLean wrote, suggesting that the Association support an amendment to the Workmen's Compensation Acts, which Acts, he regarded as imposing excessive and unwarranted charges. This matter was left to the incoming executive who will also consider matters relating to the Acts.

Hon. C. Stewart, Minister of the Interior, wrote, asking that support of the Association in connection with the Imperial Forestry Conference to be held in Ottawa during the summer. He pointed out that representatives from Great Britain, Australia, New Zealand, South Africa and the Crown Colonies would be present. So far as the supply of timber was concerned, Canada was the chief source within the Empire of certain classes of wood for Great Britain and the conference might provide the opportunity of correcting some misapprehensions with regard to Canadian wood. The Dominion Government was bearing the greater part of the cost of the conference. The appointment of representatives was left in the hands of the Council.

## B. C. Loggers Look for Busy Year

At the annual meeting of the British Columbia Loggers' Association held recently, Mr. Goodwin G. Johnson, manager of the Capilano Timber Company, Limited, was unanimously re-elected president and Mr. Norman A. English, manager of the Nimpkish Timber Company, was elected vice-president. The following were elected directors: Mr. A. J. Anderson, International Timber Company; Mr. Geo. Challenger, Challenger Timber Company, Limited; Mr. F. S. Buck, Deep Cove Logging Company, Limited; Mr. S. G. Smith, Bloedel, Stewart & Welsh Corp. Limited; Mr. P. A. Wilson, Wilson-Brady Limited; Mr. F. R. Alley, Tahkina Timber Company, Limited; Mr. Geo. Moore, Merrill Ring Lumber Company; Mr. L. H. Weber, Brooks-Scanlon-O'Brien Limited; Mr. T. A. Lamb, Lamb Lumber Company; Mr. A. E. Munn, Munn & Kerr Timber Co.; secretary, Mr. Geo. Muddiman.

Mr. Johnson stated that indications all point to a busy year in the lumber industry of British Columbia. He referred to advices he had from various parts of the country, which indicated a large demand for lumber, and stated that in order to cope with the business offering, several mills on Puget Sound and Grays Harbor were running two and three shifts.



# Capt. Dollar Recalls Days of Early Bush Life

## Tells Western Planing Mill Men what Conditions were Like in Canada Sixty-three Years Ago in Gatineau and Muskoka Districts —Evolution of Camps

Much is said in the press nowadays regarding conditions in the lumber camps as they exist at present when contrasted with the chaotic state of things some thirty or forty years ago. The progress in sanitary, lodging, lavatory and eating arrangements were ably outlined in a recent issue of the "Canada Lumberman" by Alex. R. White, of North Bay, Provincial Sanitary Inspector. His contribution aroused timely interest even among lumbermen who are thoroughly familiar with the development of the times and the trend of events.

It is interesting, at this season of the year, to relate how old-timers view the transition in bush labor and accommodation. One of the spectacular figures in the lumber arena is Capt. Robert Dollar, who is known far and wide. He recently delivered an address at the first annual banquet before the Western Planing Mill and Woodworking Association at San Francisco, Cal. Capt. Dollar, in his early days, was a well-known lumberjack in the Upper Ottawa and the Quebec Districts and recalls his early experiences with keen interest. Speaking of them he said that his father was the manager of a lumber establishment. He and his wife lived in the upstairs of the lumber office and there the subject of this reference was born, so that, as he phrases it, he started earlier in the lumber business than do most men of that calling.

Continuing, he said "That was in Scotland, and at twelve years of age my father moved to Canada and a few days after I got a situation working in a stove mill. My education, of course, at first was very limited, because I left school when I was eleven years old. However, afterwards I got a university education. Probably a good many of you gentlemen here will think, well, that is most remarkable, a fellow coming up and working in the lumber woods and getting a university education. I got a university education and got my diploma in the school of hard knocks. A professor in one of our universities said, in talking to a young man the other day, this education that you are getting will not necessitate your working. I would like to know what is the good of a fellow if he don't work; I have got no use for him. I have had to work all my lifetime and often say to the men in my employ, I want you fellows to all work as hard as I work, but don't try to do more than I am doing.

"The condition of the lumber business when I went into it was somewhat different from what it is to-day. I went to a lumber camp first sixty-three years ago in Canada on the Gatineau River. It took us eight days to go, in bark canoes, to our camp. The late Senator Edwards, a chum of mine at that time, took me in his automobile in four hours to the place which it required eight days to reach in early days. You can imagine the revolutionary change that has taken place. Not a tree or stump of the original forest in sight for miles; all the land was devoted to farming.

### Wonder That Any Survived

"In regard to the sanitary conditions that we hear so much about, it is a wonder that any of us survived, and yet I never saw a man die in a lumber camp in my life. We did not have a wash basin, but used a trough; then we dried ourselves on a roller towel until it got so wet that it was no good and the cook would kick if we wanted another one. If two men or women use the same towel now, we are going to have the typhoid fever or something else. As to the food, we hadn't much of a selection—pork and beans and flour and tea, and that was the whole thing, and beans to make pea soup. In those days out motive power was oxen. I mention these things to show what a change has taken place. At that time where I was lumbering it was a wilderness, unsettled for a hundred miles when I went up there, but where our camp was, not a stump is in sight; it is a fine agricultural country now, unrecognizable. Then after I had worked on the Gatineau River I found the country opening up about the Muskoka district, where we could get timber cheap. I started with another young man and we were going to make our fortunes, but we didn't sell our logs. Well, perhaps we might have done it, but Black Friday you have all heard of, intervened and we all went busted. Then the next thing I did after I got busted was to get married. I then hired with a big lumber firm and was operating eight or ten camps for them and I had a thundering big salary—\$100 a month. You can imagine a fellow these days getting

married, in debt and starting to pay them off on \$100 a month. But my wife and I were economical and we paid off all of our debts and then started in business again. A young man 26 or 27 years of age knows it all at that time, but I have learned something since, so as the result of that incident I haven't failed since that time.

"We started taking square timber to England. When timber got scarce in Canada I moved to Michigan. About that time I heard the advice of Horace Greeley, 'Go West, young man.' I have been going West until last year I found myself in the East after going clean around the world. Then the timber got scarce in Michigan and I have resided in California 34 years, where there has been lots of timber. I only mention that to show you I am a lumberman. They dubbed me a 'captain.' I protested against it. I am 'Captain' Dollar in a great many people's eyes. Some of my later critics say the only captaincy I ever held was in the Salvation Army.

"The first donkey engine that was ever used in the woods was used up in Mendocino County, California. You can imagine the tremendous change that has taken place. The engine was a little bit of a thing compared to what they have now, and the whole logging now of this great Pacific Coast is done by steam. The rapid change is very, very difficult to understand.

"We got into lumbering and we found the fellows who owned the ships were getting about all the profit and I thought I would go into shipping too. The first ship was about 240 tons register and carried about 200,000 feet of lumber; you lumbermen will understand that all right. The trip I made around the world in one of our steamers, the largest one we have, which, if it were loaded to capacity, would carry ten million feet—that is some change. So that now we have a good many steamers and it is beginning to look to me as if the tail was beginning to wag the dog.

"I must mention, in Michigan, I had a very large mill at Dollarville, Mich. We have a mill in Oregon and very likely to have two, so your secretary tells me, and we have another mill in British Columbia, all furnishing lumber to keep our ships going. At first we got the ships to keep our mills going, and now we have got the ships we have to run the mills to keep the ships going.

"Now, another thing I think that would interest you: that mill we built in Michigan was a double sided mill with double circulars on each side. You may ask 'Why didn't you put in band mills?' There wasn't such a thing as a band mill; circulars are now just about out of date.

"Then I found when we got ships that we had to go to foreign countries, and I made a trip to China a number of years ago and found that there was a prospect there for sending our lumber over to China. At that time the lumber trade from this coast did not exist, but we started in, in a small way and sold lumber, then got yards equipped and it has been growing and growing until the first six months of this year we shipped to China 17,000,000 feet of lumber.

"The first time I went to China I was invited to go to a club. There was practically no Americans there at that time. An English agent invited me to go to the club. When I got there he said, 'Come into the bar and have a drink.' I said, 'Thank you; I don't drink.' He said, 'Have a smoke then.' I said, 'I don't smoke either,' and he stood and looked at me and said, 'Do you intend to come over here to do business in China and you don't either drink or smoke; if you do, the Lord help you.' Well, the Lord did help me. He is out of business now and I am there yet.

"In China we have gone on the principal of not leasing or renting, but of buying land and putting up our own buildings. That is a big advantage, as the Chinese will say, 'These people have come to stay.' A great many 'fly-by-nights' have gone to China; they hop in and hop out. When they see we are buying land and putting in buildings and going in permanently, they say, 'That fellow is going to stay.' The Chinese are all from Missouri; you have got to show them."

### An Old Timer Grows Reminiscent

Recently Ralph Connor's stirring novel, "The Man From Glen-gary," was presented in the movies in Toronto and some realistic



lumbering and logging scenes on the Ottawa and Gatineau rivers were thrown upon the screen. They were exciting and showed the wild, rollicking, devil-may-care life of the woodsman forty years ago, when some high old times were characteristic of the calling. Then there was often hard drinking and free fights, but these are already things of the past and the better class of lumberjack to-day are steady-going, industrious chaps who have families and save their money for home and its comforts. Of course, there are exceptions but these only go to prove the rule that a great change has taken place in the class and nature of the help engaged in the woods.

In the daily press recently an old-timer gave the following interesting reminiscences, which along with those of Capt. Dollar, are particularly apropos:

"Taint like that now," exclaimed a grizzled bushman from Northern Ontario as he sat in a Toronto picture show the other day and viewed the above portrayal. He was gazing at the old-time camboose in which the shantymen used to live. "But I mind them cambooses when I was a young feller forty-year ago," said he. "They was just log buildings with a big hole in the centre of the roof to let the smoke out; and a big, open fire built on a pile of sand, held in place by logs. There was two or three rows of bunks around the sides. All we had to eat in them days was Chicago pork in barrels, and beans, and bread and tea, and molasses. We never seen sugar, nor coffee, nor butter nor jam, and we got pie once a week—on Sundays."

"That's how it was when I first went to work in the bush in the fall of 1882, back north of Penetang," quoth the veteran. "Weren't no kicking about the grub like there is to-day. Boys, but them beans—baked all night in the hot sand—tasted good, and so was the bread. We got lots to eat, but gosh! it was a hard life them days. There was no table at all. A fellow just sat with his plate on his knees. There was no lights, neither, in the camp—only the light from the fire. Breakfast was at 4 o'clock and after that we used to walk three miles through the bush and wait there beside a bonfire until it was light enough to start work. They used to feed the horses at 3 in the morning and never bring them in till

dark. Lots of horses were killed from over-work. Along about 11 we got lunch in the woods—pork and bread and tea. We got supper at a quarter to six. And, say, if a feller came into camp before dark he got h— from the foreman. There was always three men waiting to take your place if you quit."

The primitive caboose camp passed out soon after 1882, but according to the old bushman the succeeding camps were little better. The lowest bunk was on a level with the floor, the topmost of three tiers jam against the low roof. Balsam boughs served for a mattress and three half-cotton blankets as bedding for the two occupants of each crude bed. Filth and sickness were rife. And withal, the best men—skilled choppers, whose axes had to do all the work in those days when they didn't use saws in felling trees, received but \$11 or \$12 a month. The timber waste was awful. None but the finest white pine merited consideration, and when a tract had been lumbered, the ground was strewn with discarded long tops and butts which, to-day, would be esteemed fine logs for the mill. Forty years ago anything less than 13 inches were cast aside as valueless. Good 16-foot logs were rejected for trifling faults or bits of rot. But No. 1 white pine lumber sold for as low as \$10 a thousand then, and millions of feet of prime stuff was used to build sheds and back-yard fences in Toronto.

And what of Ontario lumber camps to-day? They are clean white-washed places, according to the old-timer who hires out as "buck bearer" or ice road foreman when he runs short of funds. The law looks well after the interests of the men. The filthy old bunks have vanished. In place each man has his individual spring bed with mattress and blankets. The floor is scrubbed twice weekly. The monthly tax of \$1 is taken from each man for doctor's attendance, and if the lumberjack is also obliged to pay \$1 a month for washing, his clothes are properly laundered for him by a woman. Nowadays he breakfasts at 6.30 instead of 4, and when noon hour comes in the bush, a sleigh arrives with a hot dinner for him, as it does much to stimulate construction among the builders of camps elsewhere. "James Ludgate, the manager of the company, deserves all the credit we can give him," he adds.

## Model Camp of Schroeder Mills & Timber Co. at Pakesley, Ont.



Storehouse, Office and Foremen's quarters



Horse hospital and stables



Blacksmith Shop

One of the progressive lumbering concerns in Ontario is the Schroeder Mills & Timber Co., whose headquarters are at Pakesley, Ont. James Ludgate is the general-manager of the company which has always been noted for the superior character of its camps and the up-to-date features which these possess.

In this issue of the "Canada Lumberman" are presented several views of the model camps of this progressive organization. The pictures convey more information than could possibly be done through columns of description.

The following letter from Dr. John W. S. McCullough, chief Officer of Health for Ontario, to the "Canada Lumberman," clearly sets forth much data in a comprehensive way:—

Camp No. 7, the new camp constructed during the current season on which the Schroeder Mills & Timber Co. desire our opinion, is without question the best camp ever

constructed to my knowledge as a cutting camp. The bunk-house is constructed to house 125 men and is all under one roof, but is really three separate sleep camps, each with its own separate wash-room and room for a shower bath. The building, and, indeed all other buildings, are exactly as the regulations require. Fresh air inlets, ventilators, dormer windows, everything is exactly as we intend, with the addition that there is easily twice the window space expected. There is a laundry building presided over by a wash-woman, an isolated hospital, and even a horse hospital. The camp consists of 17 buildings in all, arranged in a square with the yard in the centre. The camp is provided with single iron beds."

The Chief Camp Inspector says: that he believes such a camp as this is worthy of being illustrated in the "Canada Lumberman"



Sleep camp for one hundred and twenty five men. Building divided into three parts, each with separate wash rooms



Cookery and dining room, roof-windows same as sleeping camp





Mill of New River Lumber Company,  
Norma, Tenn.

Mr. Doster Ready to start

Those Who Waited Mr. Doster's Arrival

### Saw Salesman Made Novel Aerial Trip

Lew Doster, the well known Atkins Saw representative, has added another feather to his cap by taking up flying. His work takes him into every state in the Union, and as there is only one law, he figures that through the use of an aeroplane he can be here, there, and everywhere on short notice.

In Knoxville, he recently found himself pressed for time, while contemplating a trip to Norma, Tennessee, by train. It takes a day and a half to go by train over the mountains on the tortuous trails. While meditating on a plan, Ben Franklin's proverb, "If time be of all things most precious, wasting time must be the greatest prodigality," kept running through his mind like the words of a popular song.

"Oh, for a flying machine," mused Doster, quoting from the immortal Darius Green:

He hied himself to a hanger, and made arrangements for a trip by plane to the plant of the New River Lumber Company, which is situated at Norma about twenty-five miles east on the Tennessee railroad, which connects with the C. N. O. & T. P. at Oneida.

To say that he had a thrilling and interesting trip is putting it mildly. The pilot he engaged told Doster that he would take him up and "wait around awhile." Mr. Doster took a slant skywards and wanted to know right away where the pilot was going to park the boat in the atmosphere. When told that this was necessary to get one's bearings, he calmed down. In fact he decided to take along his camera, so as to snap some pictures on the fly. He gave up the idea of taking pictures, however, after ascending to an altitude of five thousand feet. The machine ran into so many air pockets that he decided the best thing to do was to sit still, hold on and trust to luck. The machine took a nose dive while crossing the Appalachian mountain range and dropped four thousand feet and when this occurred several times in succession, Doster thought that his time was near. Fortunately, he arrived in Norma in forty-five minutes after leaving Knoxville and was met at the landing field by the executives of the New River Lumber Company, including W. O. Harter, W. H. Hopkins, John Shea and Mrs. W. H. Ford and Mrs. Ralph Martin.

When asked if his trip was a success, Mr. Doster answered, "Say, now listen, did you ever hear of me going on a selling trip and fall down for my company."

### Value of the Forest as Recruiting Agent

With all the present talk on immigration focused upon the single point of securing new settlers for agricultural land many newspapers are apt to forget the unadvertised service of the Canadian forest as a recruiting sergeant for new Canadians. Agricultural lands are by no means the only generator of increased population or national wealth. This country may very easily commit itself to large outlays in new farmers while treating with unconcern the corollary policies of forest conservation absolutely vital to the business success of the new farmer.

Eighty per cent of the total area of the Dominion of Canada is of non-agricultural type. Not more than five percent of the whole area of British Columbia is of agricultural worth. Of Saskatchewan about one-third is fit for farming. Ontario's area is from sixty to seventy per cent non-agricultural, and so the story runs through most of the other provinces. The greater part of this Dominion is marked out by unchangeable laws as a splendid natural factory of many times over by the portion of our estate on which the forest is the only profitable crop.

timber trees. The acreage adaptable to agriculture is outmatched. The development of Canada, therefore, is scarcely compassed by any one public policy restricted to the promotion of farm settlements. Indeed, there never can be any such thing as an immigration and colonization policy without a four-square forestry policy. And the start of any adequate forestry policy is a satisfying answer as to why four thousand forest fires were burning in Canada this

year and why the greater part of the country's natural forest inheritance is today a wilderness of blackened wreckage.

Were it possible to prepare a review of the enormous service done by the farmless empire of this Dominion that the map makers designate as "Forest Area" what surprises would evolve therefrom? How wonderingly we would trace the influence of the lumber industry in developing new population, new towns, new railways? There is scarcely a community outside of the prairies which has not part of its foundations in somebody's sawmill. Much of the story of the lumber industry, however and its influence on population would be retrospective—pathetically so. There is more to be gained by climbing to a newer altitude where the huge bulk of pulp and paper plants gleam white against the spruce woods.

### Product of Canada's Industrial History

The pulp and paper industry is the product of Canada's industrial history. Twenty-five years ago it was straggling for to the rear of home industries activities. The newsprint mills and investors of the United States foresaw the eventual embarrassment from declining wood supplies and the trek began to the happy land of Canada where abundant forests and first rate water powers promised a cut in production costs. And thus the sleepy village became the young city of Grand Mere, Quebec; the Canadian "Soo" drew to itself thousands of new citizens; Three Rivers was suddenly filled with processions of home seekers; Iroquois Falls and LaTuque broke the wilderness with a chain of chimneys and orderly lines of workmen's homes. And year after year these pulp and paper communities add to their numbers with no thought of suspending growth for a dozen years to come.

This is pioneering on a wholesale plan. This is colonization. This is settlement, although we commonly leave these terms to the immigration agent. The pulp and paper companies and other forest industries have carried out the national development idea. They have given Canada scores of prosperous towns; they have contributed enormously to railroad traffic, they have provided steady jobs to thirty thousand good class workmen at generous wages in their mills and another twenty-five thousand in bush labor.

Is it, after all, the pulp and paper mills that account for all this economic transformation, this placing of new population where only the trapper walked before?

Is not the paper mill only the sub-agent of the forest? The whole of such development is in consequence of forest and water powers. The mills came because forests were available and mills will depart when the forest ceases. Population came because raw material called it. Grand Mere and Kenogami and Iroquois Falls would never have existed but for the magnet of the forest.

### Pay Tribute to Memory of Mr. Gordon

At a special meeting of the Montreal Lumber Association, on January 22nd, a resolution of deep regret at the passing of Mr. P. D. Gordon and sympathy with the family was passed. Mr. Gordon's long connection with the Association and the prominent part he took in the activities, were recalled, the members making sympathetic references to the loss sustained by the Association and by the lumber trade.

The funeral on Friday January 19th was with full Masonic ritual, the service being held at the Masonic Temple in the Lodge Room of Royal Victoria Lodge. No. 57, A.F. and A.M., of which Mr. Gordon was Past Master. Prior to his death, Mr. Gordon expressed a desire that the funeral should be conducted according to the rites of the Order. The total Masonic attendance was about 500, including many representatives from out of town. Those present also included many personal friends in the lumber trade and also representatives of lumber firms. Prior to the Masonic service, a private service was held at the family residence.



# Forest Fire Fiend Rampant As Never Before

*If Canadian Timber is to be Preserved Greater Measures of Protection Must be Instituted.—The necessity of Prompt Action on the Part of Every Citizen.*

By C. E. Lund\*  
Chief County Warden of Westmorland, N.B.

We have to-day in the Dominion of Canada probably in the vicinity of one billion acres of forest land of all classes, but how are we conserving it.

"Within the last seventy two years, the life time of one generation, two-thirds to three-quarters of our timber wealth has been destroyed by fire." The spruce bud worm, for a number of years—has made serious inroads, and our extravagant methods of lumbering, along with the pulpwood menace we are now up against are seriously threatening our industrial prosperity.

Nearly every industry is so dependent on the forest that its depletion is the undermining of them all. To my mind it is a grave question if we will be able to arise in our puny might and cope with the present conditions in such a manner as to conserve for the near coming generations a sufficient annual growth of timber to meet their actual industrial necessities.

Our primeval or virgin forests are mostly gone. The towering pine and giant spruce and hemlock, the leaning topped hackmatack and large spreading cedars of our boyhood days are not now to be seen, unless perhaps in a few remote localities. Their places are taken by a small inferior growth of some less valuable variety.

Longfellow, in beginning his pathetic story of Evangeline wrote: This is the forest primeval. The murmuring pines and the hemlocks bearded with moss, and with garments green, indistinct in the twilight, stand like Druids of old, with voices sad and prophetic. While the words "sad" and "prophetic" were perhaps given no such meaning by the poet as I attribute to them; yet I sometimes think not only the "pines" and the "hemlocks," but the spruce and the fir and the cedar, if given the power of speech, would raise their voices in solemn protest against their wanton and rapid destruction by fire and axe, in a wail, sad and disconsolate, lamenting their lost condition and beseeching us to spare the remnant before it is too late.

## Suicidal to cut all Medium Sizes

As the amount of annual growth of a forest depends on the size of the trees, it is a suicidal practice to cut out all the medium sized trees in any operation and leave only the small growth. Besides the destruction of the unprotected young timber by the wind, it takes too long for such a depleted stand to recover. The annual growth of a tree is a thin sheet of fiber encircling the trunk beneath the bark, and of course the larger the tree the greater amount of fiber it produces. To cut timber below a reasonable standard size is proverbially to kill the goose that lays the golden egg.

I would like to utter such a note of warning against carelessness with fire and wasteful cutting as will tend to bring about improved conditions. Conservation, conservation, should be our slogan.

The County of Westmorland has the honor of being the first in the Maritime Provinces if not in the Dominion, to take steps for the more adequate protection of our timberlands. The owners secured legislation to tax themselves to raise a "Protection Fund" for that purpose. For nearly nineteen years the writer has had the responsibility of the over-sight of this laudable undertaking. How well the work has been done is for others to tell, but it easily goes without saying that conditions have so changed for the better that no one for a moment would think of going back to the old haphazard, do-as-you-please method. The expense has been kept at a minimum, and fully warranted by results. With an imperfect organization our aim has been to give reasonably adequate protection at the lowest possible cost. The small expense incurred this year is met by a balance remaining on hand from an assessment made several years ago.

We are working entirely independent and apart from Government control, though appreciating any helpful suggestions from, and

acting in full harmony with, the Provincial Forester and other officials of the Crown Land Department. Unfortunately, last year we had, in addition to several small fires, three quite extensive and expensive ones. Each was set in violation of the law and should not have occurred,—being caused either by culpable carelessness or criminal design. This year, so far we have had only a few, mostly small grass fires and the damage has been almost nil. Our local Government is doing a commendable work in trying to cope with the fire fiend, but Governments and other organizations cannot do everything, and we will only meet with the maximum of success in forest conservation when we learn that the trees are our friends no matter who owns the land on which they grow. They regulate the water flow, conserve the moisture in the soil perpetuating the existence of running brooks and springs making the country a possible abode for man and beast.

## How Forest Protection Benefits All

It is a great mistake to suppose that forest protection only benefits the owner of the growing timber. The person who carries on a lumbering operation in the usual way is a public benefactor, giving employment to agriculturists, artisans, tradesmen and in fact nearly all classes, and the various amounts paid out, from the making of the first sled building camp, swamping roads, cutting, yarding, browing, driving, sawing, shipping and the freight charge and insurance on the last load of the finished product, consume so large a portion of the selling price, that often a very small margin remains in the hands of the operator who, in the meantime, has paid taxes on the property for school and municipal institutions besides carrying the risk and worry of the transaction. When we are educated to appreciate this, our interest will deepen and broaden and the impending menace of irreparable loss will be stayed.

## Impress Facts on Coming Generation

In all reforms, when the people are educated to a wholesome appreciation of the law, rather than a dread of its penalties, the battle is largely won. The great question of forest valuation and preservation should be brought prominently before the minds of the rising generation during their school days. While I do not believe in a multiplicity of text books, yet I am fully convinced that a small treatise embodying the location, extent, and estimated value of our forests,—their usefulness, the necessity of their conservation, a summary of the law relating to their protection, and other such information, placed in the hands of our boys and girls, who so very soon will be men and women, would be a great step in advance in our educational system."

Perhaps it may have been expected that I would have something to say in regard to the best method of fighting forests fires, modern equipment, etc. While I am in full sympathy with aeroplane and lookout tower observation, chemical apparatus, force pumps and other advanced methods, yet I regard prevention as so much better than cure, I will only emphasize the necessity of prompt action on the part of each and every person who first sees a threatening fire. When you see a fire try and put it out. If you cannot do so, summon help and do your utmost to save the forest.

During the last two years, 807 forest fires were reported in New Brunswick, burning over an area of about 179,270 acres, with an estimated property loss of 1,157,101 dollars. This estimate does not include the loss suffered in the prospective growth of the timber which in many cases is much more than its present value. The timber loss, however, is not all we suffer from the burning of the forest. One fire is usually soon followed by another and the soil is so burnt away and its fertility destroyed as to make it useless for agriculture. Besides this the game is either driven out or destroyed. This Province would yet have been a hunters' paradise if the hand of the fire fiend had been stayed. How often in passing over a newly burnt area we see the destroyed nests of game birds and the charred bones of young animals. Surely heavy fines and jail sentences, if not flogging, should be given those who are partners in wantonly perpetuating such conditions.

\*From address recently delivered at fire prevention meeting at Petitcodiac, N.B.



# CURRENT LUMBER PRICES—WHOLESALE

## TORONTO

### White Pine

(In Car Load Lots, F.O.B. cars Toronto)

1 x 4/7 Good Strips	\$110.00	\$115.00
1 1/4 & 1 1/2 x 4/7 Good Strips	125.00	130.00
1 x 8 and up Good Sides	150.00	160.00
2 x 4/7 Good Strips	130.00	140.00
1 1/4 & 1 1/2 x 8 and wider Good Sides	185.00	190.00
2 x 8 and wider Good Sides	190.00	200.00
1 in. No. 1, 2 and 3 cuts	75.00	80.00
3/4 and 6/4 No. 1, 2 and 3 cuts	105.00	110.00
2 in. No. 1 2 and 3 cuts	120.00	125.00
1 x 4 and 5 Mill Run	53.00	54.00
1 x 7, 9 and 11 Mill Run	53.00	54.00
1 x 8 Mill Run	56.00	57.00
1 x 10 Mill Run	58.00	60.00
1 x 12 Mill Run	65.00	66.00
3/4 and 6/4 x 5 and up Mill Run	60.00	61.00
2 x 4 Mill Run	54.00	55.00
2 x 6 Mill Run	56.00	57.00
2 x 8 Mill Run	58.00	59.00
2 x 10 Mill Run	60.00	62.00
2 x 12 Mill Run	66.00	68.00
1 in. Mill Run Shorts	33.00	34.00
1 x 4 and up 6/16 No. 1 Mill Culls	33.00	35.00
1 x 10 6/16 No. 1 Mill Culls	40.00	42.00
1 x 12 6/16 No. 1 Mill Culls	40.00	42.00
1 x 4 and up 6/16 No. 2 Mill Culls	25.00	26.00
1 x 10 12 6/16 No. 2 Mill Culls	31.00	33.00
1 x 4 and up 6/16 No. 3 Mill Culls	17.00	18.00

### Red Pine

(In Car Load Lots, F.O.B. Toronto)

1 x 4 and 5 Mill Run	37.00	38.00
1 x 6 Mill Run	39.00	40.00
1 x 8 Mill Run	42.00	43.00
1 x 10 Mill Run	45.00	47.00
2 x 4 Mill Run	38.00	39.00
2 x 8 Mill run	42.00	43.00
2 x 6 Mill Run	39.00	40.00
2 x 10 Mill Run	46.00	47.00
2 x 12 Mill Run	48.00	49.00
1 in. Clear and Clear Face	75.00	76.00
2 in. Clear and Clear Face	80.00	82.00

### Jack Pine

Mill Run (mill culls and dead culls out)		
2 x 4	36.00	38.00
2 x 5, 2 x 6	37.00	38.00
2 x 8	39.00	40.00
2 x 10	42.00	44.00
1 x 4 and wider	34.00	36.00
Mill Culls and Sound Wormy		
1 x 4 and wider	29.00	31.00
2 x 4 and wider	29.00	31.00

### Spruce

Mill Run (mill culls and dead culls out)		
1 x 4, and 5	\$ 37.00	\$ 38.00
1 x 6	39.00	41.00
1 x 8	41.00	43.00
1 x 10	44.00	45.00
1 x 12	48.00	50.00
2 x 4	37.00	38.00
2 x 6	38.00	39.00
2 x 8	40.00	41.00
2 x 10	44.00	45.00
2 x 12	49.00	50.00

### Mill Culls

1 x 4 and up No. 1	28.00	30.00
2 x 4 and up No. 1	30.00	31.00

### Hemlock (M R)

(In Car Load Lots, F.O.B. Toronto)

1 x 4 and 5 x 9 to 16 ft.	30.00	31.00
1 x 6, 9 to 16 ft.	35.00	37.00
1 x 7, 9 and 11, 9 to 16 ft.	35.00	37.00
1 x 8, 9 to 16 ft.	37.00	38.00
1 x 10 and 12, 9 to 16 ft.	39.00	40.00
2 x 4 to 12, 10 to 16 ft.	37.00	38.00
2 x 4 to 12, 18 ft.	42.00	43.00
2 x 4 to 12, 20 ft.	44.00	45.00
1 in. No. 2, 6 to 16 ft.	25.00	27.00

### Fir Flooring

(In Car Load Lots, F.O.B. Toronto)

Fir flooring, 1 x 3 in. No. 2 and better, edge grain	\$ 78.00
Fir flooring, 1 x 4 in. No. 2 and better, edge grain	75.00
Fir flooring, 1 x 3 in. No. 2 and better, flat grain	59.00
Fir flooring, 1 x 4 in. No. 2 and better, flat grain	62.00
1 x 4 to 12 in. No. 2 and better, clear fir,	

1 1/4 x 4 to 12 in. No. 2 and better, clear fir, rough	90.50
2 x 4 to 12 in. No. 2 and better, clear fir, rough	86.50
3 x 4 to 12 in. No. 2 and better, clear fir, rough	94.50
1 x 4, 5 and 6 in. fir casing	81.75
1 x 8 and 10 in. fir base	86.25
1 1/4 and 1 1/2 8, 10 and 12 in. E. G. Stepping	97.25
1 1/4 and 1 1/2 8, 10 and 12 in. E. G. Stepping	87.25
1 x 4 to 12 in. clear fir dressed 4 sides	80.25
1 1/4 and 1 1/2 x 4 to 12 in. clear fir D4S	84.00
XX Shingles, 6 butts to 2 in. per M.	3.50
XXX Shingles, 6 butts to 2 in. per M.	5.30
XXXXX Shingles, 5 butts to 2 in. per M.	6.03

### Lath

(F.O.B. Mill)

No. 1 White Pine	\$ 11.00
No. 2 White Pine	10.00
No. 3 White Pine	8.00
Mill Run White Pine, 32 in.	4.00
Merchantable Spruce Lath, 4 ft.	7.00

## TORONTO HARDWOOD PRICES

The prices given below are for car loads f.o.b. Toronto, from wholesalers to retailers, and are based on a good percentage of long lengths and good widths, without any wide stock having been sorted out.

### Ash, White

(Dry weight 3,800 lbs. per M. ft.)

	1s & 2s	No. 1 Com.	No. 2 Com.
1"	\$115.00	\$ 75.00	\$ 50.00
1 1/4 and 1 1/2"	125.00	80.00	50.00
2 1/2 and 3"	155.00	90.00	60.00
4"	170.00	130.00	65.00

### Ash, Brown

1"	\$105.00	\$ 60.00	\$ 40.00
1 1/4 and 1 1/2"	110.00	65.00	42.00
2"	120.00	70.00	45.00

### Birch

(Dry weight 4,000 lbs. per M. ft.)

	1s & 2s	Sels.	No. 1 Com.	No. 2 Com.
4/4	\$120.00	\$ 75.00	\$ 50.00	\$ 30.00
5/4	125.00	80.00	50.00	32.00
6/4	125.00	80.00	50.00	32.00
8/4	128.00	87.00	60.00	38.00
12/4	130.00	95.00	65.00	45.00
16/4	135.00	110.00	80.00	50.00

### Basswood

(Dry weight 2,500 lbs. per M. ft.)

	1s & 2s	No. 1 Com.	No. 2 Com.
4/4	\$80.00	\$55.00	\$30.00
5/4 and 6/4	85.00	60.00	35.00
8/4	90.00	60.00	30.00

### Chestnut

(Dry weight 2,800 lbs. per M. ft.)

	1s & 2s	No. 1 Com.	Sound Wormy
1"	\$140.00	\$ 90.00	\$ 41.00
1 1/4 to 1 1/2"	155.00	105.00	43.00
2"	165.00	110.00	43.00

### Maple, Hard

(Dry weight 4,000 lbs. per M. ft.)

	F.A.S.	Sels.	No. 1 Com.	No. 2 Com.
4/4	\$ 90.00	\$70.00	\$50.00	\$30.00
5/4	95.00	75.00	55.00	30.00
6/4	95.00	75.00	55.00	30.00
8/4	100.00	80.00	65.00	35.00
12/4	115.00	90.00	70.00	45.00
16/4	130.00	95.00	80.00	50.00

### Elm, Soft

(Dry weight 3,000 lbs. per M. ft.)

	1s & 2s	No. 1 Com.	No. 2 Com.
4/4	\$ 80.00	\$55.00	\$30.00
8/4	90.00	65.00	35.00
12/4	110.00	80.00	50.00

Gum, Red  
(Dry weight 3,300 lbs. per M. ft.)

	Plain	No. 1 Com.	Quartered—	No. 1 Com.
1s & 2s			1s & 2s	
1"	\$115.00	\$72.50	\$125.00	\$ 75.00
1 1/4"	120.00	75.00	130.00	80.00
1 1/2"	120.00	75.00	130.00	80.00
2"	125.00	80.00	135.00	85.00

### Gum, Sap

	1s & 2s	No. 1 Com.
1"		\$58.00
1 1/4 and 1 1/2"	\$73.00	78.00
2"	83.00	68.00

### Hickory

(Dry weight 4,500 lbs. per M. ft.)

	1s & 2s	No. 1 Com.
1"	\$125.00	\$70.00
1 1/4"	145.00	70.00
1 1/2"	145.00	75.00
2"	150.00	80.00

### Quarter Cut Red Oak

	1s & 2s	No. 1 Com.
4/4	\$130.00	\$ 85.00
5/4 and 6/4	135.00	90.00
8/4	140.00	95.00

### Plain White and Red Oak

(Plain sawed. Dry weight 4,000 lbs. per M. ft.)

	1s & 2s	No. 1 Com.
4/4	\$ 140.00	\$ 90.00
5/4 and 6/4	155.00	95.00
8/4	165.00	100.00
10/4	170.00	105.00
12/4	180.00	110.00
16/4	190.00	115.00

### White Oak, Quarter Cut

(Dry weight 4,000 lbs. per M. ft.)

	1s & 2s	No. 1 Com.
4/4	\$ 165.00	\$ 95.00
5/4 and 6/4	175.00	105.00
8/4	185.00	110.00

## OTTAWA

Manufacturers' Prices  
Pine

Good sidings:	
1 in. x 7 in. and up	\$130.00
1 1/4 in. and 1 1/2 in. 8 in. and up	\$165.00
2 in. x 7 in. and up	165.00
No. 2 cuts 2 x 8 in. and up	85.00
Good strips:	
1 in.	110.00
1 1/4 in. and 1 1/2 in.	120.00
2 in.	130.00
Good shorts:	
1 in. x 7 in. and up	100.00
1 in. 4 in. to 6 in.	80.00
1 1/4 in. and 1 1/2 in.	100.00
2 in.	110.00
7 in. to 9 in. A sidings	54.00 56.00
No. 1 dressing sidings	70.00 74.00
No. 1 dressing strips	62.00
No. 1 dressing shorts	50.00 53.00
1 in. x 4 in. s.c. strips	50.00
1 in. x 5 in. s.c. strips	50.00
1 in. x 6 in. s.c. strips	54.00
1 in. x 7 in. s.c. strips	54.00
1 in. x 8 in. s.c. strips, 12 to 16 ft.	55.00
1 in. x 10 in. M.R.	60.00
S.C. sidings, 1 1/2 and 2 in.	62.00
S.C. strips 1 in.	56.00 58.00
1 1/4, 1 1/2 and 2 in.	55.00
S.C. shorts, 1 x 4 to 6 in.	40.00
S.C. and bet., shorts, 1 x 5	38.00
S.C. and bet., shorts, 1 x 6	40.00
S.C. shorts, 6-11 ft., 1 x 10 in.	48.00
Box boards:	
1 in. x 4 in. and up, 6 ft.-11 ft.	32.00
1 in. x 3 in. and up, 12 ft.-16 ft.	36.00
Mill cull shorts, 1 in. x 4 in. and x 4 in. and up, 12 ft. and up	28.00
Mill culls, strips and sidings, 1 in. up, 6 ft. to 11 ft.	24.00
O. culls r and w p	21.00

### Red Pine, Log Run

Mill Culls out, 1 in.	34.00
Mill culls out, 1 1/4 in.	34.00
Mill culls out, 1 1/2 in.	34.00
Mill culls out, 2 in.	34.00

### Mill Run Spruce

1 in. x 4 in. and up, 6 ft.-11 ft.	28.00
1 in. x 4 in. and up, 12 ft.-16 ft.	35.00 37.00
rough	86.50



# CURRENT LUMBER PRICES—WHOLESALE

1" x 9"-10" and up, 12 ft.-16 ft. . . .	43.00
1 1/4" x 7, 8 and 9" up, 12 ft.-16 ft. . .	40.00
1 1/4" x 10 and up, 12 ft.-16 ft. . . .	43.00-47.00
1 1/2" x 12" x 12" and up, 12'-16'	50.00
Spruce, 1 in. clear fine dressing and B . . . . .	65.00
Hemlock, 1 in. cull . . . . .	22.00
Hemlock, 1 in. log run . . . . .	24.00-28.00
Hemlock, 2 x 4, 6, 8, 10 12/16 ft. . .	30.00
Tamarac . . . . .	25.00-28.00
Basswood, log run, dead culls out . .	45.00-50.00
Basswood, log run, mill culls out . .	50.00-54.00
Birch, log run . . . . .	60.00-65.00
Soft Elm, common and better, 1, 1 1/2, 2 in. . . . .	58.00-68.00
Ash, black, log run . . . . .	62.00-65.00
1 x 10 No. 1 barn . . . . .	57.00-62.00
1 x 10 No. 2 barn . . . . .	51.00-56.00
1 x 8 and 9 No. 2 barn . . . . .	47.00-52.00

## Lath per M.:

No. 1 White Pine, 1 1/4 in. x 4 ft. . . .	11.00
No. 2 White Pine . . . . .	10.00
Mill run White Pine . . . . .	8.00
Spruce, mill run, 1 1/2 in. . . . .	9.00
Red Pine, mill run . . . . .	7.00
Hemlock, mill run . . . . .	6.00

## White Cedar Shingles

XXXX, 18 in. . . . .	7.00
Clear butt 18 in. . . . .	6.00
18 in. XX . . . . .	4.00

## QUEBEC

### White Pine (At Quebec)

	Cts.	Per Cubic Ft.
First class Ottawa waney, 18 in. average according to lineal . .	100	110
19 in. and up average . . . . .	110	120

### Spruce Deals (At Mill)

3 in. unsorted, Quebec, 4 in. to 6 in. wide . . . . .	\$25.00	\$27.00
3 in. unsorted, Quebec, 7 in. to 8 in. wide . . . . .	28.00	30.00
3 in. unsorted, Quebec, 9 in. wide . .	35.00	40.00

### Oak (At Quebec)

	Cts.	Per Cubic Ft.
According to average and quality, 55 ft. cube . . . . .	125	130

### Elm (At Quebec)

According to average and quality, 40 to 45 ft. cube . . . . .	130	140
According to average and quality, 30 to 35 ft. . . . .	100	125

### Export Birch Planks (At Mill)

1 to 4 in thick, per M. ft. . . . .	\$35.00	\$40.00
-------------------------------------	---------	---------

## ST. JOHN, N.B.

(From Yards and Mills—Wholesale)

### Rough Lumber

2x3, 2x4, 3x3, 3x4, Rgh. Merch. Spr. .	\$25.00
2x3, 2x4, 3x3, 3x4, Dressed 1 edge. .	26.00
2x3, 2x4, 3x3, 3x4, Dressed 4 sides .	32.00
2x6, 2x7, 3x5, 4x4, 4x6, all rough . .	26.00
2x8, 3x7, 5x5, 6x6. . . . .	32.00 to 35.00
2x9, 3x8, 6x8, 7x7, . . . . .	36.00
2x10, 3x9, . . . . .	38.00
2x12, 3x10, 3x12, 8x8 and up . . . .	27.00
Merch. Spr. Bds. Rough, 1x3-4&5 . . .	26.00
Merch. Spr. Bds. Rough, 1x7 & up. . .	40.00
Refuse Bds., Deals and Setgs. . . . .	20.00
Above Random lengths up to 18-0 long. Lengths 19-0 and up \$5.00 extra per M. For planing Merch. and Refuse Bds. add \$2.00 per M. to above prices. Laths, \$6.00.	

### Shingles

	Per M.
Cedar, Extras . . . . .	\$5.75
Cedar, Clears . . . . .	4.75
Cedar, 2nd Clears . . . . .	3.75
Cedar, Extra No. 1 . . . . .	2.25
Spruce . . . . .	3.25

## SARNIA, ONT.

### White Pine—Fine, Com. and Better

1 x 6 and 8 in . . . . .	\$120.00
1 in., 8 in. and up wide . . . . .	135.00
1 1/4 and 1 1/2 in. and up wide . . . .	180.00
2 in. and up wide . . . . .	180.00

### Cuts and Better

4/4 x 8 and up No. 1 and better . . .	135.00
5/4 and 6/4 and up No. 1 and better .	152.00
8/4 and 8 and up No. 1 and better . .	152.00

### No. 1 Cuts

1 in. 8 in. and up wide . . . . .	115.00
1 1/4 in., 8 in. and up wide . . . . .	125.00
1 1/2 in., 8 in. and up wide . . . . .	125.00
2 in., 8 in. and up wide . . . . .	130.00
2 1/2 in. and 3 in., 8 in. and up wide .	175.00
4 in., 8 in. and up wide . . . . .	185.00

### No. 1 Barn

1 in., 10 to 16 ft. long . . . . .	\$ 75.00	\$ 85.00
1 1/4, 1 1/2 and 2 in., 10/16 ft. . . . .	80.00	85.00
2 1/2 to 3 in., 10/16 ft. . . . .	85.00	100.00

### No. 2 Barn

1 in., 10 to 16 ft. long . . . . .	65.00	75.00
1 1/4, 1 1/2 and 2 in., 10/16 ft. . . . .	66.00	66.00
2 1/2, 1 1/2 and 3 in. . . . .	85.00	85.00

### No. 3 Barn

1 in., 10 to 16 ft. long . . . . .	48.00	55.00
1 1/4, 1 1/2 and 2 in., 10/16 ft. . . . .	50.00	56.00

### Box

1, 1 1/4 and 1 1/2 in., 10/16 ft. . . .	34.00	37.00
---	-------	-------

### Mill Culls

1 in., 4 in. and up wide, 6/16 ft. . .	28.00
1 1/4, 1 1/2 and 2 in. . . . .	29.00

## BUFFALO and TONAWANDA

### White Pine Wholesale Selling Price

Uppers, 4/4 . . . . .	\$225.00
Uppers, 5/4 to 8/4 . . . . .	225.00
Uppers, 10/4 to 12/4 . . . . .	250.00
Selects, 4/4 . . . . .	200.00
Selects, 5/4 to 8/4 . . . . .	200.00
Selects, 10/4 to 12/4 . . . . .	225.00
Fine Common, 4/4 . . . . .	165.00
Fine Common, 5/4 . . . . .	180.00
Fine Common, 6/4 . . . . .	180.00
Fine Common, 8/4 . . . . .	180.00
No. 1 Cuts, 4/4 . . . . .	130.00
No. 1 Cuts, 5/4 . . . . .	140.00
No. 1 Cuts, 6/4 . . . . .	150.00
No. 1 Cuts, 8/4 . . . . .	160.00
No. 2 Cuts, 4/4 . . . . .	77.00
No. 2 Cuts, 5/4 . . . . .	107.00
No. 2 Cuts, 6/4 . . . . .	107.00
No. 2 Cuts, 8/4 . . . . .	122.00
No. 3 Cuts, 5/4 . . . . .	65.00
No. 3 Cuts, 6/4 . . . . .	75.00
No. 3 Cuts, 8/4 . . . . .	75.00
Dressing, 4/4 . . . . .	95.00
Dressing, 4/4 x 10 . . . . .	98.00
Dressing, 4/4 x 12 . . . . .	110.00
No. 1 Moulding, 5/4 . . . . .	155.00
No. 1 Moulding 6/4 . . . . .	155.00
No. 1 Moulding 8/4 . . . . .	160.00
No. 2 Moulding, 5/4 . . . . .	125.00
No. 2 Moulding, 6/4 . . . . .	125.00
No. 2 Moulding, 8/4 . . . . .	130.00
No. 1 Barn, 1 x 12 . . . . .	95.00
No. 1 Barn, 1 x 6 and 8 . . . . .	81.00
No. 1 Barn, 1 x 10 . . . . .	85.00
No. 2 Barn, 1 x 6 and 8 . . . . .	67.00
No. 2 Barn, 1 x 10 . . . . .	68.00
No. 2 Barn, 1 x 12 . . . . .	80.00
No. 3 Barn, 1 x 6 and 8 . . . . .	52.00
No. 3 Barn, 1 x 10 . . . . .	54.00
No. 3 Barn, 1 x 12 . . . . .	57.00
No. 1 Box 1 x 6 and 8 . . . . .	45.00
No. 1 Box 1 x 10 . . . . .	46.00
No. 1 Box 1 x 12 . . . . .	48.00
No. 1 Box 1 x 13 and up . . . . .	49.00

## BUFFALO

The following quotations on hardwoods represent the jobber buying price at Buffalo and Tonawanda.

### Sap Birch

1 in . . . . .	90.00	52.00	32.00
5/4 and up . . . . .	100.00	55.00	32.00

## Maple

	1s & 2s	No. 1 Com.	No. 2 Com.
1 in. . . . .	\$ 80.00	\$ 52.00	\$ 32.00
5/4 to 8/4 . . . . .	85.00	55.00	32.00
10/4 to 4 in. . . . .	90.00	60.00	32.00

## Soft Elm

1 in. . . . .	70.00	45.00	30.00
5/4 to 2 in. . . . .	75.00	50.00	30.00

## Red Birch

1 in. . . . .	120.00	75.00	
5/4 and up . . . . .	125.00	80.00	

## Basswood

	1s & 2s	No. 1 Com.	No. 2 Com.
1 in . . . . .	85.00	80.00	50.00
5/4 to 2 in. . . . .		90.00	60.00

## Plain Oak

1 in. . . . .	100.00	60.00
5/4 to 2 in. . . . .	110.00	70.00

## White Ash

1 in. . . . .	55.00	53.00
5/4 to 2 in. . . . .	60.00	57.00
10/4 and up . . . . .	115.00	70.00

## BOSTON

Quotations given below are for highest grades of Michigan and Canadian White Pine and Eastern Canadian Spruce as required in the New England market in car loads.

White Pine Uppers, 1 in. . . . .	\$232.00
White Pine Uppers, 1 1/4, 1 1/2, 2 in. . .	232.00
White Pine Uppers, 1 1/4, 1 1/2, 2 in. . .	255.00
Selects, 1 in. . . . .	207.00
Selects, 1 1/4, 2 in. . . . .	207.00
Selects, 2 1/2, 3 in. . . . .	232.00
Fine Common, 1 in. 20% 12 in. and up	188.00
Fine Common, 1 x 8 and up . . . . .	188.00
Fine Common, 1 1/4 to 2 in. . . . .	193.00
Fine Common, 2 1/2 to 3 in. . . . .	233.00
Fine Common, 4 in. . . . .	258.00
1 in. Shaky Clear . . . . .	120.00
1 1/4 in. to 2 in. Shaky Clear . . . . .	130.00
1 in. No. 2 Dressing . . . . .	90.00
1 1/4 in. to 2 in. No. 2 Dressing . . . .	100.00
No. 1 Cuts 1 in. . . . .	148.00
No. 1 Cuts, 1 1/4 to 2 in. . . . .	163.00
No. 1 Cuts, 2 1/2 to 3 in. . . . .	193.00
No. 2 Cuts, 1 in. . . . .	95.00
No. 2 Cuts, 1 1/4 to 2 in. . . . .	135.00
Barn Boards, No. 1, 1 x 12 . . . . .	105.00
Barn Boards, No. 1, 1 x 10 . . . . .	96.00
Barn Boards, No. 1, 1 x 8 . . . . .	93.00
Barn Boards, No. 2, 1 x 12 . . . . .	91.00
Barn Boards, No. 2, 1 x 8 . . . . .	78.00
Barn Boards, No. 2, 1 x 10 . . . . .	79.00
Barn Boards, No. 3, 1 x 12 . . . . .	68.00
Barn Boards, No. 3, 1 x 10 . . . . .	66.00
Barn Boards, No. 3, 1 x 8 . . . . .	63.00

## No. 1 Clear

Can. Spruce, No. 1 and clear, 1 x 4 to 9"	87.00
Can. Spruce, 1 x 10 in. . . . .	89.00
Can. Spruce, No. 1, 1 x 4 to 7 in. . .	87.00
Can. Spruce, No. 1, 1 x 8 and 9 in. . .	92.00
Can. Spruce, No. 1, 1 x 10 in. . . . .	92.00
Can. Spruce, No. 2, 1 x 4 and 5 in. . .	38.00
Can. Spruce, No. 2, 1 x 6 and 7 in. . .	40.00
Can. Spruce, No. 2, 1 x 8 and 9 in. . .	42.00
Can. Spruce, No. 2, 1 x 10 in . . . . .	44.00
Can. Spruce, No. 2, 1 x 12 in. . . . .	45.00
Spruce, 10 in. dimension . . . . .	50.00
Spruce, 9 in. dimension . . . . .	49.00
Spruce, 8 in. dimension . . . . .	45.00
2 x 10 in. random lengths, 8 ft. and up . . . . .	44.00
2 x 12 in random lengths . . . . .	45.00
2 x 3, 2 x 4, 2 x 6, 2 x 7 . . . . .	33.00
2 x 8 2 x 9 . . . . .	43.00
All other random lengths, 7 in. and under 8 ft. and up . . . . .	40.00
5 in. and up merchantable boards, 8 ft. and up, D 1s . . . . .	33.00
1 x 2 . . . . .	34.00
1 x 3 . . . . .	32.00
1 1/2 in Spruce Lath . . . . .	8.00
1 1/2 in Spruce Lath . . . . .	7.00

## New Brunswick Cedar Shingles

Extras . . . . .	\$ 6.00	6.50
Clears . . . . .	\$ 5.00	5.50
Second Clears . . . . .		4.00
Clear Whites . . . . .	3.50	3.75



**Second Hand  
Machinery &  
Equipment  
Wanted &  
For Sale**

# Quick Action Section

**Special Lots  
Of Lumber—  
Positions  
Wanted &  
Vacant**

## Lumber Wanted

### Logs Wanted

Cherry and other logs wanted. G. Elias, & Bro. Inc., Buffalo, N.Y. 4

### Offers Wanted

for 2" and 3" Prime Hardrock Maple for English importers. State price and delivery. Box 104, Canada Lumberman, Toronto. 3-8

### Wanted

To buy No. 2 Com & Btr. mill cuts of birch, maple and elm. R. E. Brown Lumber Company, 7383 Richmond Ave., Detroit, Michigan, 4

### Lumber Wanted

A block of Mill Cull or Mill Run Jack Pine or Spruce. Also Jack Pine or Spruce, Mill run or No. 2 Lath for winter or spring delivery. The Elgie & Jarvis Lumber Co. Ltd., 18 Toronto St., Toronto. 3-4

### Lumber Wanted

Hard Maple, Birch and Red Oak Lumber, in carload lots, for immediate shipment, or will contract for your season's cut. Delivery when in shipping condition. Address reply Box 101, Canada Lumberman, Toronto. 3-6

### Wanted

To contract for one hundred thousand feet genuine Rock Elm for bending purposes. Cut 3 1/4" thick. Delivery next summer. No substitute will be accepted. Quote price to St. Marys Wood Specialty Co. Ltd., St. Marys, Ont. 3-6

### Here is the Place to Unload

Your old stock. We buy any kind of lumber cheap—long and short lengths 2 x 4 and wider. Shingles in any grade in carlot only. Laths any size in carlot. Finish lumber and flooring, pine, oak, birch and maple. Must be cheap for cash. H. Fitzgerald, 1462 Pingree Ave., Detroit, Mich. 24-5

## Lumber Wanted

What have you to offer, for cash or otherwise? York Wrecking Company 2 Hallawell Ave., Toronto. 4

### Lumber Wanted

100,000 ft. of 2" Maple.  
100,000 ft. of 2" Birch.  
100,000 ft. of 1 1/2" Birch.  
100,000 ft. of 1 1/4" Birch.  
For shipment within 90 days. Send prices and description of your stock, to Box 102, Canada Lumberman, Toronto. 3-4

### Wanted

15 cars 1 1/4" Winter Cut Basswood Log Run.  
12 cars 2 1/2" and 3" No. 1 Com. & FAS Soft Elm.  
5 cars each 2", 2 1/4" and 3" Hard Maple, No 1 Com. & FAS.  
10 cars Birch logs, good size and quality. Write Conroy-Buchanan Lumber Co., Jamestown, N.Y. 4-5

### Dry Hard Maple Wanted in Carload Lots

1 1/4" x 3" in lengths of 18", 27", 36", 45" etc.  
1 1/4" x 3 1/4" same lengths.  
1 1/4" x 2 1/2" x 48") one half each size.  
1" x 3 1/2" x 49")  
All to be free from defects.  
Will contract for mill cuts of hard maple to be sawn into these sizes after lumber is dry, shipment next summer and fall.  
Box No. 989, Canada Lumberman, Toronto. 3-T-f.

### PUBLISHER'S NOTICE

Advertisements other than "Employment Wanted" or "Employees Wanted" will be inserted in this department at the rate of 25 cents per agate line (14 agate lines make one inch). \$3.50 per inch, each insertion, payable in advance. Space measured from rule to rule. When four or more consecutive insertions of the same advertisement are ordered a discount of 25 per cent. will be allowed.

Advertisements of "Wanted Employment" will be inserted at the rate of one cent a word, net. Cash must accompany order. If Canada Lumberman box number is used, enclose ten cents extra for postage in forwarding replies. Minimum charge 25 cents.

Advertisements of "Wanted Employees" will be inserted at the rate of two cents a word, net. Cash must accompany the order. Minimum charge 50 cents.

Advertisements must be received not later than the 10th and 20th of each month to insure insertion in the subsequent issue.

## Lumber For Sale

### For Sale

Slack barrel and keg material by the carload. R. J. Miller, Blacklands, Siding, N.B. 3-14

### For Sale

3 cars Spruce Lath, 1 car each Cedar, Ash and Birch Lath. Also a number of cars Hard and Soft Firewood. D. I. Warren, Warren, Ont. 4

### Dry Hardwood for Sale

100,000 ft. Birch, Maple, Beech, Oak and Ash Sawn 2", 3" and 4" thick. Chapeau Lumber Company, Fort Coulonge, P.Q. 4-T.f.

### For Sale

Standing timber estimated 20 million feet, about 75% hardwood, with or without mill. Located in Northern Frontenac County, Ont. Apply Box 76, Canada Lumberman, Toronto. 2-7

## Machinery Wanted

### Wanted

Alligator—steel or wood, in good condition. Give full description, for cash. Box 99, Canada Lumberman, Toronto. 3-6

### Wanted

1 Filer for Double cut 8" Band.  
1 Band Saw Filer.  
Season commences about April 15th. Reply to Haliburton Lumber Co., Lindsay, Ont. 3-4

## Machinery For Sale

### For Quick Disposal

One slide valve engine, 100 H.P. in good repair. Will sell cheap for quick sale. Box 125, Canada Lumberman, Toronto. 4-7

### For Sale

McGregor Gourlay Q.Y., 15 x 6 Planer and Matcher complete. Now running. The Peterborough Lumber Co. Ltd., Peterborough, Ont. 4-7

### Wickes Gang

GANG: No. 12 Wickes Gang, 40" sash, 15" stroke, steam boiler rolls, front and back in two sections, feed and oscillation combined, 1908 model, and has been in use for five years. We furnish with this gang 11 rolls for cants and stock, one filing machine, and 4 sets of saws.

THE PEMBROKE LUMBER CO.,  
1 T.f. Pembroke, Ont.

### For Sale

Linn Lumber and Logging Tractor. Apply Box No. 60, Canada Lumberman, Toronto. 24 T.f.

### For Sale

One heavy duty lumber carriage 40" open-with or without steam feed. A snap if taken at once. Box 126, Canada Lumberman, Toronto. 4-7

### For Sale

Alligator, Rebuilt by West, Peachey & Sons in 1921. Side wheeler, in first-class condition. Apply Schroeder Mills & Timber Co., Pakesley, Ontario. 2-5

### For Sale

Having installed a large Scaper, we are offering our 30" Whitney Scraper complete with knife grinder and two blocks, in first class condition. Apply Hay & Co. Ltd., Woodstock, Ont. 3-4

### For Sale

H.R.T. Boilers.—Two 72" diam. by 18' 0" long. 119—3" tubes, good for 125 lbs. pressure. In first class condition. Gates Engineering Co. Ltd., 314 Notre Dame St. West, Montreal. 3-4

### For Sale

Cross Compound Inclined Condensing Engine 24" x 48" x 60" stroke, suitable for 150 lbs. pressure, with shafting and radial paddle wheels. All in first class condition.

The Upper Ottawa Improvement Co.,  
194 Middle Street,  
Ottawa, Ont. 24-4.

## Sawmill Machinery For Sale

I am dismantling one of the largest mills in Nova Scotia, and offer the machinery at junk values. Complete list furnished on request.

Here are a few items picked at random, to give you an idea of the money you can save:

42" Stock Gang—Stearns Mfg Co.,  
Eric, Pa. ....\$1000.00

24" Stroke Double Cylinder A frame  
Sawmill engine Geo. Waring Mfr. \$1000.00

1 Left hand Band Saw Carriage 25'  
Overall with set works, dogs, wire rope, feed gear driven by a Pawling & Harnishfecher twin engine feed,  
10 x 12 cylinder—carriage equipped for setters to ride .....\$1500.00

1 Tandem Band Sawmill composed of a right and left hand Band Saw with wheel 72" x 8" .....\$ 400.00

Haulup, Steam Kickers, Live Rollers, Conveyors, Shafting, Hangers, Boxes, etc., etc.

RALPH P. BELL,  
Timberlands & Pulpwood,  
4-7 P.O. Box 1081, Halifax, Nova Scotia.

### For Sale

One used S.A. Woods Planer and Matcher, 15" x 9", No. 33 in very good working order, at a very attractive price. Also one Automatic Circular Saw Grinder. O. Chalifour, Inc., Quebec, P.Q. 4-7

### For Sale

Heavy portable Sawmill, Locomotive Boiler on wheels, Centre crank, high speed engine and camp outfit for forty men. First class condition. Will take payment in lumber next spring. Hall Bros. Limited 300 Crown Office Bldg., Toronto. 23-T.f.

### For Sale

Portable saw mill.  
3 block carriages.  
Double edger, boiler and engine.  
A complete equipment. Will sell reasonable and take lumber in exchange.  
Apply: Barrett Bros., 260 Catherine St., Ottawa. 2-5

## For Sale

### To Move at Once

### PLANERS and MOULDERS

Berlin	No. 89 X 6" Hardwood Floorer now running	\$1000
Woods	No. 53, 30" heavy double Box Board Planer	1700
Woods	No. 28, 8" Hardwood Floorer	600
Woods	No. A1, 15" Planer and Matcher	400
Woods	No. 110, 12" heavy inside Moulder	700
Woods	No. 404B, 15" Matcher and Profiler	
Woods	No. 501 Special Hardwood Floorer	
Woods	No. 107, 15" Moulder	

Prices quoted on request.

A few more at low prices. Write us your requirements.

Machines listed above can be bought as they are, or some rebuilt—write at once for detailed description. Subject to prior sale.

Your opportunity to save. Act now for spring business. Box 116, Canada Lumberman, Toronto. 3-4

## Notice To Sawmill Owners

We are disposing of the machinery, etc., in our sawmills at Waubashene, Ontario, and would be glad to have enquiries for any kind of sawmill machinery. At present time we have unsold:

Band-Saw Mills and Saws.  
Circular Saw Frames and Saws.  
Gang-Saw Machines and Saws.  
Twin Circular Machines and Saws.  
Carriages with and without Steam Set-works for the above Band-Saws and Circulars.  
Steam Feeds for the above Carriages.  
Steam Log-Loaders and Steam Niggers.  
Trimmers and Slash-Tables.  
Lath Mills.  
Automatic Circular Grinders.  
Automatic Gang-Saw Grinders.  
Automatic Band-Saw Grinders.  
Log Haul-ups.  
Engines, Boilers, Shafting, Pulleys, Belting, Lumber Trucks.  
Everything that goes to make up a large sawmill.

This machinery, for the greater part, is of William Hamilton Manufacturing Company make, and is in first class condition and the prices are right.

Enquire from

The Georgian Bay Lumber Co., Ltd.  
3-6 Waubashene, Ontario.



## Situations Wanted

**POSITION WANTED**—Foreman for Band mill, am also a good sawyer. Assure good results. Box 97, Canada Lumberman, Toronto. 2-4

**Position Wanted**—Band Sawyer with 14 years experience. Best of references. A one nigger man. Box No. 96, Canada Lumberman, Toronto. 2-4

**MAN WITH MILL EXPERIENCE** would like position to hammer and file large circular saws in sawmill for coming season. Box 106, Canada Lumberman, Toronto. 3-6

**LUMBER SALESMAN**—experienced, requires position. Reference and full information by addressing Box 100, Canada Lumberman, Toronto. 3-4

**POSITION WANTED** by experienced lumber buyer in hardwoods, familiar with national rules, first class references. Box 107, Canada Lumberman, Toronto. 3-5

**YOUNG MAN** with 6 years' experience in lumber business wants position in Toronto lumber yard or office. Box 127, Canada Lumberman, Toronto. 4

**POSITION WANTED**—as Band Saw Filer in real good Band Mill, any size. Very best of references. Single or Double cut. 22 years experience. Box 115, Canada Lumberman, Toronto. 3-6

**Young Man, 28**, wishes to learn the lumber business preferably the selling end. Has had some selling and several years experience in accounting and office work, any place in Canada. Box No. 71, Canada Lumberman, Toronto. 1-6

**OFFICE POSITION WANTED** by clerk with six years practical experience in lumber offices. Bookkeeping, Pay-rolls, specifications, cashier. Recommendations from former employers. Quebec, Ontario or N.B. Box 129, Canada Lumberman, Toronto. 4

**PRACTICAL LUMBERMAN**, thoroughly versed in operating, buying and selling. Hard worker. Well known to trade. Familiar with costs and large operations. Can produce results. Willing to go anywhere. References and bond furnished. Box 103, Canada Lumberman, Toronto. 3-4

**RELIABLE YOUNG MAN**—would like to get agency from wholesale lumber concern, to sell in Nova Scotia and Newfoundland on commission. Have had fourteen years experience in building and handling lumber. Can furnish references. Box 121, Canada Lumberman, Toronto. 4-5

**Young, married man, 30 years of age**, wishes position as superintendent with a lumber company, has had 12 years experience in logging and lumbering and understands the business thoroughly, has also had training in industrial efficiency. Can furnish the best of references. Apply Box 91, Canada Lumberman, Toronto. 3-4

**Situation Wanted**—Married man wishes permanent position Cashier or Book-keeper have had twenty years experience in the Lumber Business, speaks English and French, can furnish Bonds and also best of testimonials, all replies treated confidential. Box 92, Canada Lumberman, Toronto. 2-5

**WANTED**—Position as Superintendent, or manager of lumber company. Eighteen years practical experience, which time have been with but two concerns, holding these positions with success. Would entertain subordinate position with future and prove ability. Forty years old and married. Unquestionable references as to ability and integrity. Box 80, Canada Lumberman, Toronto. 4-7

**A YOUNG MAN**, twenty-seven years old, with high school education, and business college training, desires position as lumber shipper, assistant bookkeeper or other clerical work. I have had charge of hiring, loading crews, sorting out lumber and loading cars in six places in the central part of New Brunswick for United Lumber Limited, with Head office at 7 East 42nd St., New York City, and a branch office in Fredericton. I worked in an office of a lumber company for over a year. Box 123, Canada Lumberman, Toronto. 4

**Accountant, Office Manager or Secretary-Treasurer**, desires position. A competent man on whom you can place full responsibility. English Canadian, age 36, married. Salary to commence \$2500.00 to \$3000.00 per annum. If you have an opportunity for a conscientious and industrious man, please communicate with Box 98, Canada Lumberman, Toronto. 2-4

## Situations Vacant

**WANTED**—Sawyers, Filers, Setters, Edgermen, Mill Hands. Apply Box 109, Canada Lumberman, Toronto. 3-7

**WANTED**—Capable lath and picket mill foreman, one who is able to take entire charge in every respect. In reply give experience and salary desired. Apply Bishop Lumber Company, Limited, Nesterville, Ontario. 3-5

**SUPERINTENDENT** for a Toronto planing mill and yard. Salary fifty dollars per week to start. If you can produce quality and quantity of work, apply Box 112, Canada Lumberman, Toronto. 3-4

**WANTED**—Assistant mill foreman for white pine operations. Must have had past experience, know how to efficiently manufacture lumber and also how to repair and maintain machinery. Apply Bishop Lumber Company, Nesterville, stating past experience and salary desired. 3-5

## Wanted

Reliable and experienced office man, capable of selling finished lumber and mill work and taking quantities off plans accurately. State salary expected. Hill-Clark-Francis, Limited, New Liskeard, Ontario. 4

## Business Chances

### Wanted

A cedar tie limit in Ontario near river which flows into lakes or Georgian Bay. Apply to Canadian Dealers and Jobbers, Ltd., 140 St. Peter Street, Quebec, Que. 3-6

### For Sale

Rixon-Ainslie-Stoddart Sawmill at Owen Sound. Splendid power plant and machinery. Will be sold cheap. Apply Keenan Bros., Ltd., Owen Sound, Ont. 23 T.f.

### Lumbermen

Please send your stock sheets with prices delivered Detroit on hardwood lumber, also customer's contract for mill-cuts to A. H. David, 2626 Taylor Ave., Detroit, Mich 1-11

### To Wallboard Manufacturers

We are desirous of taking an agency for Great Britain for a well manufactured Wallboard. Frank Rosser, 53 Chorlton St., Manchester, England. 24-5

### For Sale

Mill and Timber Limits for sale. Timber large proportion Hardwood. Mill twenty thousand capacity. Large cattle and breeding ranch. Will sell with or without ranch. Located in Eastern Ontario. Address Box No. 50, Canada Lumberman, Toronto. 22T-f.

### As Going Concern

Saw and Planing Mill and stock of lumber in good town, stock of logs being taken out, and 5,000 acres of timber (more available). Turn-over \$100,000.00 per year. Strictest investigation will convince you this is a money maker. \$20,000.00 cash, balance arranged. Box No. 72, Canada Lumberman, Toronto. 1-4

### For Sale Cheap

Circular Sawmill, Building and Machinery; Steam Feed, suitable for Ties and Lumber.

also

Small two-storey Brick Factory, well-located, with or without woodworking machinery. Apply to John Harrison & Sons Co., Limited, Owen Sound. 24 T.f.

**A SPLENDID OPENING—OPPORTUNITY IS OFFERED** to a thorough lumberman of executive ability with good active selling and buying connection, to join another lumberman who is well known and connected in the export trade, with a view of starting a wholesale and export business. Advertiser has \$25,000.00 available and would expect associate to be also financially interested. Negotiations strictly confidential. Address Box No. 94, Canada Lumberman, Toronto. 2-5

## Partnership Wanted

"Lumber Exporter with \$25,000.00 cash, for many years partner and manager of a well known lumber export firm now liquidated, with excellent connections in England and well known in Canada and the United States, would like to form partnership connection with an established and reputable lumber manufacturer, or wholesaler wishing to enlarge their business. Strictly confidential. Full particulars and outline of proposition to be addressed to Post Office Box 284, Montreal." 3-5

## Miscellaneous

### D. FLORENCE & SONS

Bethune St., Peterborough, Ont.

Dealers in Scrap Iron, Metals, Second-Hand Machinery, Pipes, etc. 2-24

**FOR SALE**—Used Belting, Rails, Blocks and Pulleys. Send us your Scrap Iron and Metal etc. Highest market price paid. A. Low and Company, 264 Simcoe St., Peterborough, Ontario. 1-24

### For Sale

Steam Barge C. H. Green and Consort John A. Francomb; Capacity; lumber 1,500,000 ft., Coal; 2100 tons. Detroit Sulphite Transportation Co., 9125 West Jefferson Ave., Detroit, Michigan. 3-4

## LUMBER YARD

### For Sale

One of the best-located retail lumber yards in the City of Toronto. Profitable business. Well assorted stock. Can be purchased on favorable terms, all or part interest. Apply Box 130, Canada Lumberman, Toronto. 4



## MacLean Reports Cover Canada

MacLean Building Reports will give you accurate, advance information on every building and engineering contract of consequence in the Dominion.

These reports are issued daily and reach subscribers in ample time to bid on the work or submit prices for the machinery, equipment, materials or supplies required.

Subscriptions may be placed for any one city, portion of a Province or more than one Province. Rates range from \$25 yearly for the smallest cities to \$500 yearly for the entire Dominion.

Hundreds of firms are deriving much financial benefit from the use of MacLean Building Reports. Tell us what territory you cover and put it up to us to show how we can help you get more business.

Try this service out. The result will please you. Write today for rates and free sample reports.

MacLEAN BUILDINGREPORTS Ltd.

345 Adelaide St. W. - TORONTO  
119 Board of Trade Building - MONTREAL  
325 Main St. - WINNIPEG  
106 Winch Bldg. - VANCOUVER

*"Facts are to the Mind  
the same thing as Food  
to the body".—Edmund Burke.*

Important *Facts* about the Lumber Industry will be given in the Annual Statistical Number of the Canada Lumberman to be published March 15.

This issue will be a particularly valuable one for the Advertiser because of its special value to the Reader.



# Review of Current Trade Conditions

## Quebec Lumber Interests and Market Outlook

John F. Burstall, of the Quebec timber firm of J. Burstall & Co., and John Levie, vice-president of W. & J. Sharples, Limited, have left for the United Kingdom to visit the agencies of their respective firms and take observations of the British timber market with a view to business. In the meantime, the cable advices received by the Quebec firms from England up to the end of January are not very reassuring. The difficulty of making progress or of obtaining advanced figures anticipated is seemingly causing some depression but it is too early yet to express disappointment.

The British lumber interests do not seem to be worrying because their trade is not booming. It is the unsettled dark political clouds, which overspread the horizon, that give the present concern and those conditions referred to in past letters appear to be more ominous than they were a month ago. The darkest cloud which was expected to move away in the Near East, seems to be growing blacker, and it is felt generally in English business as well as political circles, that the aggressive attitude of the Turk, and the oscillating policy of France, is the forerunner of a crisis which England is endeavoring to avert as far as possible consistent with power. If the Near East question were settled, the mind of the British public would be relieved of all worry as the British Government would continue the work of ameliorating the economic problem, which of late has been slowly but surely working towards an equilibrium.

It is recognized in scientific political circles that with the elimination of the Near East question, the Ruhr difficulty would not greatly concern the British Government because the political and military scientists who have been closely watching the situation, feel confident that Germany would not in the present, at least, go to war with France. In explanation of their expert opinion, the reason is given that with France in military control of the Ruhr, and the occupation of Germany's greatest industrial centre with its resources in mines, etc., will preclude Germany from declaring hostilities, which would end in the complete devastation of the Ruhr long before the French could be driven out if it were probable by the German military forces in conflict.

The British Government and the business interests of the United Kingdom are familiar with these psychological situations and, therefore, not worrying to any serious degree of anxiety. In this regard the commercial men of Great Britain have had so many shocks of a political and financial nature that they are not greatly disturbed over the matter.

With regard to trade in general and the lumber trade in particular, the effects of the altered state of affairs are difficult to forecast and for this reason the immediate future can scarcely be called favorable. It may be, as the French Government claims, that the atmosphere will clear up and that something will in the course of some few months, develop, to put an end to the chaos, but, in the meantime, nervousness is very apparent. Until it is seen whether or not the situation is cleared or becomes more acute, commerce is bound to suffer and with it the lumber trade.

As a matter of course the depreciation of exchange and the economical conditions of Europe in general are a source of anxiety. The German mark has reached almost the vanishing point and the franc is getting weaker and British timber and deal importers cannot be blamed for their caution under such circumstances.

The one bright spot in the troubled situation is the possibility of England and the United States coming to an amicable understanding in connection with the funding of the British debt, which is sure to bring the governments and peoples of the English-speaking nations close together.

The European situation and opinions as above expressed, are gathered from the advices and confidential exchange of views between the big financial as well as commercial interests of Great Britain with their Canadian agencies. The object your Quebec correspondent has in penning them is for the benefit of the farseeing and thoughtful captains of the Canadian lumber trade. They are not by any means written in a spirit of pessimism because pessimism is not to be entertained by the business men of Canada, especially when the trade interests of Great Britain are optimistic of the near future in their confidence that the present dark clouds which so cover and mystify the European political horizon will in time roll by.

The Canadian lumber interests and the American investing public look on the bright side of things. This can be judged by the increased lumber operations in the Canadian woods and the con-

tinued boom in the building trade in the United States. The Quebec lumber interests are, certainly, not worrying. Their books are filled with orders from the United States and the only fear they evince is the continued embargo on American railway transportation. Though they are getting ready to meet any and all demands for wood which may come from the United Kingdom, they are in the fortunate position of having two good markets this year, the Canadian and the American markets, to meet the supply and demand. The Quebec export firms nevertheless are keen on keeping up this connection with the United Kingdom for a big trade in the future. There is a feeling that the steamship lines will make a substantial reduction in their ocean freight rates which will permit the Canadian lumber interests to compete to better advantage with the Scandinavian countries. The lowering of the rates between English and Australian ports has encouraged the belief that the steamship companies will emulate the example in regard to cheaper freight rates between the United Kingdom and Canada especially in the St. Lawrence route next summer.

According to letters received by the Quebec lumber trade at the end of January, the stocks in all the British yards are light, nevertheless the demand is starting. There has been very little demand for waney pine timber and no expectation of improvement for the present, at least, due, in all probability, to the upward tendency in prices. Quebec oak is, however, in demand and sales continue to lighten the supply. It is expected that there will be a good call for the shipment of oak when the navigation of the St. Lawrence reopens next spring.

It is also intimated that the spruce stocks are light and should there be a safe amelioration of the political and economic situation in Europe before the spring, there is a strong presumption that the Canadian shippers will see a rejuvenation of business that will bring to the Canadian trade some fine orders from the United Kingdom.

## Montreal Reports Trade as Coming on Favorably

Taking into consideration the period of the year, business in Montreal is being maintained at a satisfactory level. The orders for local accounts are good, while trade with American firms and also with those at outside points in Canada are of a substantial character. The growing scarcity of dry stock is an important factor in this condition, prices showing further advances, particularly for spruce. The outlook is for a continuance of this firm market for some time, although some wholesalers express the hope that quotations will not be booked to such an extent as to curtail consumption.

The mills are asking and getting considerably better prices, and are making up for some of the losses sustained in the early part of last year.

Lath, which was inclined to drop away, is showing a firmer tendency, with a considerable increase in the inquiries.

A fair amount of business is being done in B. C. forest products. The high prices, however, tend to discourage extensive buying.

Hardwoods continue to be a good market, with prices holding very firm. The chances are that the cut this season will show an appreciable increase on that of last year.

The building permits in Montreal for the first month of the year were unusually large, totalling \$485,475. The majority of the permits were for dwellings.

Last year some of the exporters complained that the ocean freight rates were too high, having regard to the rates secured by Scandinavian and European shippers, and that the rate from Canada handicapped our exporters in competing in the U.K. markets. The steamship companies declined to give any concessions on the ground that lower freights would have no influence in stimulating exports. Next seasons new rates are quoted at 80s. per standard, a reduction of 5s., which by no means meets the views of the exporters, who want a drop of a substantial character.

The British Government Timber Disposal Department has now entirely disposed of the Government stocks in Canada, having sold the last block, of about four million feet, to Montague L. Meyer, Limited, of London, England.

An indication of the rising value of pulpwood is seen in the high price paid by the Ontario Paper Co. for Quebec Government limits of 2,000 square miles in the basin of the Manicouagan River and the Outardier River, this company bidding \$6.05 stumpage rate per 1,000 feet or \$3.35 over the usual rate. Besides this, there is an adjudica-





View of Mills in Sarnia.

# BUY THE BEST

Retailers and woodworking establishments who like to get A1 NORWAY and WHITE PINE LUMBER always buy their stocks from us because we can ship them on quick notice. It pays to have the goods, but it pays better to "deliver" them.

We also make a specialty of heavy timbers cut to order any length up to 60 feet from Pine or B. C. Fir.

***"Rush Orders Rushed"***

## Cleveland-Sarnia Sawmills Co., Limited

SARNIA, ONTARIO

B. P. BOLE, Pres.   F. H. GOFF, Vice-Pres.   E. C. BARRE, Gen. Mgr.   W. A. SAURWEIN, Ass't. Mgr.



tion price of \$800,000. This company is, no doubt, desirous of securing a certain and abundant supply of pulpwood, and are paying a high price for it.

Exports of pulpwood for December totalled 85,744 cords valued at \$836,396 as against 46,379 cords valued at \$480,160 in December 1921. Exports for the nine months amounted to 749,811 cords valued at \$7,710,205 compared with 564,445 cords valued at \$7,229,593 in the corresponding period of 1921.

### Ottawa Reports That Cold Weather Hurts Trade

A slight falling off in the number of orders and inquiries received marked the Ottawa lumber market during the opening period of February. The slackened demand was attributed to the colder weather shutting off building operations and the difficulty that some American yards are experiencing in getting their shipments through, due to the operation of numerous embargoes.

The situation in regard to the embargoes at American entry points and on railroads, if anything grew worse than it had been in January. The reason for this, while it was not fully given at Ottawa, was due to snow storms in the northern states, which further tended to tie up transportation and cause congestion at terminal points. Permits for shipping through the embargoed points, grew scarcer, and more difficult to obtain.

The domestic demand was not up to what had been expected of it, but this sellers took, as a natural consequence of the cold weather and wintry conditions. The slackening up they thought would only be temporary and they believed good business would develop with the coming of the spring.

During the early part of the month the temperature sank as low as thirty three degrees below zero at Ottawa, and at many bush camps was considerably lower. In the Gatineau district temperatures of forty below were reported. While the cold weather and the attendant snow storms, served to slacken the lumbermen's sales, it was hailed with satisfaction by the woods operators, as it brought about ideal conditions for logging.

From the camps came reports that there was a shortage of labor beginning to make itself felt. Several companies reported that men who had been in the bush since late last fall, had got a small stake ahead and then left for the cities. A shortage of men to take their places was noted. The operations in the Valley camps are, however, reported to be getting on well and a satisfactory cut is looked for.

Prices continued firm and no change in comparison with the January quotations was noted. Reports were, however, current that an advance might be looked for in the manufacturers prices for low grade stock. It was the contention of some manufacturers that the spread between the selling price of the best grades and that obtained for the lower grades was altogether too great and out of proportion. Conditions with the woodworking plants and factories showed no change.

### Conditions in Ontario are Steadily Improving

Judging by the number of building permits that were taken out in the larger cities during January, there is every indication that 1923 is going to show continued activity this spring and summer. Conditions in the lumber arena are growing more active, the demand is developing on all sides, dry stocks are widely scattered and in fewer hands, and before the new cut is placed on the market, it looks as if there might be a decided shortage in certain grades, widths and thicknesses, with corresponding advances in price.

Just what state of affairs will prevail after June next when the new lumber comes on the scene, it is difficult to foretell. In the meantime, it is the easiest task possible to sell lumber of any kind if you have good, dry stock at a convenient shipping point. Inquiries are numerous and industrial concerns are eagerly scanning the sources of supply. There is a note of confidence and optimism throughout all ranks of the industry which would be immeasurably increased if the developments in Europe showed brighter signs of adjustment. One great danger facing the trade is that of a runaway market and it will require all the possible poise, balance and good judgment to guard against this undesirable turn of things.

There is no doubt that the cut this winter in the bush is going to be a record one. One leading manufacturer in Northern Ontario states that practically all the big stocks of white and red pine on the north shore have been sold to American interests, for the coming season, at a satisfactory advance over last year. It was necessary, he points out, to get an increased figure owing to higher cost of production. Another manufacturer states that wages in the bush this season average about \$35.00 per month, with board, as against \$26.32 last winter. There is a sufficient amount of labor. Provisions are slightly higher than last season but hay and oats are lower. "We anticipate," he added, "a good demand for lumber and lath, and

expect to pay higher for skilled mill labor this spring, with a possible shortage in common labor." The cold weather and moderate snow-fall have been highly favorable to logging operations in the bush, so most Ontario men report.

In hardwoods, unusual activity and strength characterize the horizon, and in some quarters there is the menace of runaway quotations. Automobile concerns continue to buy heavily and to contract ahead for desirable supplies. The call for birch and maple in the better grades is keen and American inquirers are most insistent, prices not being questioned in numerous instances. All Canadian industrials, such as furniture factories, piano concerns, etc., are beginning to make inquiries about replenishing their stocks for the coming season. Flooring manufacturers are busy and continue to absorb large quantities of oak and maple. They look for a heavy demand for their product this spring. The car situation is considerably improved of late.

Although much was said at the Canadian Lumbermen's Association gathering last month against the danger and difficulty of a runaway market, and many utterances were hurled against such a situation, there is evidence of a steady,—yes even a rapid advance—and the danger of speculative values cannot be minimized. Those who have dry stocks are holding them at an exalted figure and are getting their prices, from both domestic and American consumers. The outlook is stimulating, and stocks are scarce. Production this winter is being carried on in some centres actively but in others, it is reported, that the hardwood log harvest will not be as large as expected. The full development, so far as the production point is concerned, will not be known for a few weeks yet.

### Building Activity in 1923 Will be Greater

There is a wide-spread optimism in Canada due to the excellent industrial outlook. Lumber is in notably brisk demand, plans are being perfected for an extension of operations in the iron and steel trade, pulp and paper manufacturers are well supplied with business, and prospects for a large amount of new building are bright. It is expected that at least three hundred and sixty-five million dollars will be expended on new construction during 1923. All evidence points to the fact that there will be available an ample amount of financing for this great volume of projected building construction, says the "Canadian Building Review."

Last year saw the passing of the first great wave of speculative building and construction of the cheaper type, and this year will probably be remembered as a year in which a great volume of good building construction was produced. It is evident that residential construction will continue in volume almost equal to that of 1922, with greater activity in the more expensive types of dwellings.

The problem of labor conditions is one on which no forecast can be made, but it is quite probable that 1923 will show a fairly good spirit of co-operation between employers and labor in the building industries. Labor leaders are becoming more foresighted, and in certain of the trades there is a growing interest in the apprentice problem and in the idea of admitting a larger proportion of new men into the ranks.

The great drop in construction costs is over, and those who wish to build may do so in 1923 without fear of loss through the shrinkage of existing building values incidental to rapid deflation.

During January, construction contracts awarded in Canada, according to MacLean Building Reports, Limited, amounted to \$9,840,800 compared with \$8,392,600 in January, 1922. Residential building accounted for 26.5% of the January total and amounted to \$2,604,400. Business building amounted to \$2,858,400 or 29%; industrial building, \$1,916,000 or 19.5%; public works and utilities, \$2,462,000 or 25%. The value of contemplated new work during January amounted to \$36,714,600.

### More Northern Pulpwood Limits Sold

The Algoma Central Railway and the Spanish River Pulp & Paper Mills, Limited, were the successful tenderers for the timber in Hawkins township, sold recently by the Department of Lands and Forests, Toronto. These two corporations put in a joint bid and received the township at the following prices: Jack pine, \$3 per thousand; ties, 10 cents each; spruce pulpwood, 80 cents per cord; other pulpwood, 40 cents.

Milligan & Morrow, Winnipeg, were awarded 10 square miles adjoining berth A.T.W. 7, on the Transcontinental near Sunstrum at the following rates: Red and white pine, \$10.60 per thousand; jack pine, \$8.35; spruce, poplar and basswood, \$6.75; other timber, \$4.75; ties, 14 cents, and spruce pulpwood, \$1.20; other pulpwood, 35 cents.



## Quantity Production Lowers Manufacturing Costs

The demand for a medium priced—high-class motor boat has resulted in GIDLEYFORD sales far in excess of expectations. The Gidley organization is able to concentrate on quantity production on an unheard of scale, with the logical result—lower production costs.

This enables us to sell the GIDLEYFORD at a greatly reduced price, and we will maintain the quality that is represented by the combined names of Gidley and Ford.

GIDLEYFORDS will be allocated as orders are received and shipping dates arranged.

Price reduced to \$1250. F.O.B. rail or water, Penetang, Ontario. In Canada, Sales Tax extra.

**1923 Price—\$1250**

**GIDLEY BOAT COMPANY, LIMITED, PENETANG, ONTARIO**



## SAMSON AXES

Made to hold a sharp cutting edge and still stand the severe strain they are put to.

**FULLY GUARANTEED**

We carry a full line of Lumberman's supplies and camp requirements.

**H. S. Howland Sons & Co., Limited**

Wholesale Hardware  
TORONTO

## Special Notice

We have purchased all the

# AXES

of the

**National Farming Machinery Co., Ltd.  
of Montmagny, Que.**

Can quote very low prices

*Write us for lists and catalogues*

**Floyd-Esbin Co., Limited**

611 Canada Cement Building - Montreal

## BARIENGER BRAKING DEVICE

This device is a real boon to lumbermen for it greatly reduces the cost of logging operations. Heavy loads can be swiftly and safely taken down steep grades, eliminating the expense of building winding roads. Neither is sand and straw hilling necessary even in the roughest country. If you are not familiar with the many advantages of the Barienger Braking Device. Write for particulars today.



**RYTHER & PRINGLE COMPANY**

**CARTHAGE, N. Y.**



## Quebec Forest Rangers Will Have School

A very important measure has been introduced in the Quebec Legislature by Hon. Honore Mercier, Minister of Lands, entitled an Act to develop forest instruction, instruction in paper making, and to promote forest research. The law refers first to the necessity of completing the system of forestry instruction by the establishment of a school for forest rangers in order to assure the recruiting of officers for the protection of the forests, and for the control of cutting and of the measuring of the timber in the Crown domains and private lands.

The provisions of the law are also to establish and organize a paper-making instruction institution to recruit expert workmen and technical men for the making of wood pulp and by-products of the fibre. Also to allow experiments to be made for the rational use of forest products.

The new law gives powers to the Lieutenant-Governor on the recommendation of the Minister of Lands and Forests, to make the necessary arrangements and agreements for the following purposes:

1. To establish and organize a school of forest rangers intended to assume the recruiting of officers for the protection of the forests and for the control of cutting and the measurement of the timber on Crown and private lands;

2. To establish and organize complete instruction in paper-making in the Province of Quebec, with a view to recruiting expert workmen as well as technical men for the making of pulpwood, paper and other similar products or by-products from the fibre;

3. In order to secure the proper working of stations and laboratories for forest research in the Province of Quebec.

The sum of \$120,000 is asked to meet the requirements and an additional amount of \$15,000 annually for the maintaining of a chair or school of instruction in forestry and surveying.

The Chief of the Forestry Service, Mr. Gustave Piche, is to be Inspector General of instruction in forestry and director-general of the stations or laboratories of forest research.

## Big Dividends from National Parks

"Sir John A. Macdonald's prediction at the time of the establishment of the Canadian National Parks, that 'they will recuperate the people and recoup the people's treasury,' is now coming true," said J. B. Harkin, minister of the dominion parks branch of the department of the interior, at a recent lecture on the national parks in Ottawa.

How true was the prediction, was shown, said Mr. Harkin, by the figures for last year. The parks, with a total upkeep expenditure of about \$900,000, had brought into the country more than \$19,500,000 in foreign money from tourists who visited Canada with the sole purpose of seeing these great works of nature. This was a dividend to the people of Canada of more than 2,000 per cent.

Mr. Harkin pointed out that exporting scenery in this way by selling it to tourists was capable of being developed into one of the country's most important sources of revenue.

## Mr. Barnjum Gets After Mr. Caine

Frank J. D. Barnjum, of Montreal, in a recent letter to the press says: I read an article recently containing a statement by Mr. Hall Caine that the forest resources of Canada are not yet even scratched. I am rather at a loss to understand what could have prompted Mr. Hall Caine to make such a misleading and entirely erroneous statement. Certainly not a knowledge of the facts. If the forest resources of Canada are not yet scratched, then of course all our forest conservationists, including our good Canadian Forestry Association, are simply wasting their time, and I have wasted some sixty thousand dollars during the past year alone in my endeavor to prolong the life of our rapidly disappearing wood supply, as I have felt it was the most important work that I could do for my country. Statements like those of Mr. Hall Caine's, when read by people outside the country who are not familiar with the situation, do a great deal of harm. Mr. Hall Caine speaks of developing or extending our network of railways. Where would he propose these extensions? We have already more railways in Canada than we can support. There is now a network from the Atlantic to the Pacific, barring the barren Labrador country and the frozen, scrubby north country. We have a fair sample of what that means in the recent abandonment of the Hudson Bay Railway, a line through a country so devoid of wood growth that Government reports stated there was not sufficient timber along the entire route to furnish wood for construction of the road, and the fact that the road has since been abandoned fully proves that these reports were correct.

A Canadian paper manufacturer told me the other day that there are already twice as many paper mills in Canada as there should be. Another official of one of the larger paper companies

wrote me that we must all use every effort to see that there is not another pulp or paper mill built in the East. I have just received a report from New Brunswick from one of my cruisers which states that more than sixty per cent. of the spruce over large areas has died in that Province during the past summer, so that previous reports given out earlier in the spring as to the amount of damage from insect pests will have to be doubled and possibly trebled.

The statements that I have made as to our critical forest situation are based on my own personal investigations, so that I know whereof I speak, and I have made the offer to the Government that if they will appoint an unbiased commission I will take them on a four months' cruise over our "unscratched" forest resources at my own expense, and if they do not report conditions worse than I have stated them to be, that I will never mention the question of forest conservation in Canada again.

## Liberal Prizes Open to All Lumbermen

In conformity with its policy of practical accomplishment in the elimination of waste and the greater utilization of the products of the forest, the National Lumber Manufacturers' Association, of Washington, has again offered a series of prizes which will be awarded to those who contrive the best method, the newest machine or device, which, in practical application, will result in an appreciable saving of labor, time, material or expense in the lumber manufacturing industry. Heretofore a single prize of \$1,000 was offered each year to the successful contestant.

At the present time the National Lumber Manufacturers Association is offering prizes amounting to \$2,000, which will be divided as follows: First prize \$1,000; second prize \$500; three prizes of \$100; four prizes of \$50.

The following are the conditions of the award:—The Award Committee will be the sole judge as to the eligibility of all suggestions submitted to this competition.

The comparative value and practical merit of all suggestions or material submitted will be judged by the actual commercial gain to be obtained and will be determined by the Award Committee of lumber manufacturers to be chosen from the membership of the National Lumber Manufacturers Association.

All suggestions or material must be submitted to the Technical and Research Department of the National Lumber Manufacturers Association, International Building, Washington, D.C.

After the prize is awarded the National Lumber Manufacturers Association reserves the right to publish at its discretion, sketches, designs or illustrative and descriptive matter covering any suggestions or material submitted, the benefits under patents to be retained by the contestant.

If the competition develops suggestions or material that will fulfill these requirements, award will be made in 1923 at the 21st annual convention of the National Lumber Manufacturers Association.

## Will Get Out Hardwood for Export

The McNeil Lumber Co., Limited, Montreal, have purchased the McCool hardwood limit, Amable Du Fond, Ont., with an area of 43½ square miles. The cruiser reports the limit to contain one of the best virgin stands of hardwood in the province, besides which there is a large quantity of railway timber, hemlock, pine and spruce. The company intends to cut the hardwoods for the export trade. It is also proposed to manufacture a large quantity of ties. The property is situated on the main line of the C.P.R. near Mahawa. It is intended to operate saw and tie mills.

## Water-killed Trees Can be Made into Pulp

In the development of water powers on Canadian rivers the erection of a dam has sometimes caused large areas of forest land to be inundated. The trees on these areas are drowned by such continuous submersion and the wood appears similar to dead and weathered wood. The use of such wood for sulphite pulp has been regarded as impracticable but the Forest Products Laboratories of Canada, Forestry Branch, Department of the Interior, have made trials of this material and find that the discolouration due to water is hardly perceptible in the unbleached pulp while in the bleached product every trace of colour due to the special nature of the material disappears entirely.

Grain harvests may be a complete failure one year and be compensated for the next year, but the destruction of a forest area by fire cannot be made good in half a century. Hence no efforts ought to be spared to keep fire out of the forest.





## It Meets Every Northern Logging Need

In swamping out roads, toting supplies, skidding logs, or making up and hauling trains, the Northern "Caterpillar"\* Logger does all the things a machine must do to be a real success in winter logging work. Its flexible tracks enable it to climb over obstructions, cross small gullies, and operate uninterruptedly both on and off the road. It is easy to control, turns in its own length and provides the correct speed for every operation. Where heavy snowfalls bury the roads and camps, the Northern "Caterpillar"\* Logger quickly plows through the drifts and gets traffic moving. We are equipped to give immediate service on spare parts. Write today for descriptive catalog.

*\*There is but one "Caterpillar"—Holt builds it*

**CANADIAN HOLT COMPANY, Limited**  
1109 St. Catherine St., W., Montreal, P.Q. Telephone Uptown 1504

*Branches and Service Stations all Over the World*

**CATERPILLAR**

Reg. U. S.

Pat. Off.

**H O L T**

**The Otis Staples Lumber Co., Ltd.**  
Wycliffe, B. C.

## Larch and Fir

Dimension

Clears

Boards

Crating

Shiplap

Box Lumber

Edge grain larch flooring a Specialty

## Western White Pine

Clears and Commons

Inquiries handled from our Eastern Office:

**1304 Bank of Hamilton Bldg., TORONTO**

Phone  
Main 5345

R. G. Chesbro,  
Manager

## EUROPEAN PLAN

Rooms 600 Baths

Headquarters in Detroit for

**Old Colony Club**  
**Detroit Automobile Club**



### DAILY RATES.

100 at \$2.50 Single - - \$4.50 Double

150 " \$3.00 " - - \$5.00 "

100 " \$4.00 " - - \$6.00 "

50 " \$5.00 " - - \$7.00 "

50 with Twin Beds, \$5.00 to \$7.00

100 In Suite, \$5.00 to \$8.00, Double

Two Floors of Agents' Sample Rooms \$5.00 per Day

Table d'Hote Dinner, \$1.00 - \$1.50

Business Mens' Lunch 50 - 75

**HOTEL TULLER**

*Under New Management.*

CAFETERIA

O. C. FROMAN, Mgr.

GRILLE





## SPRUCE, rough or dressed LATH AND SHINGLES

*We have facilities for kiln drying*

### THE EAGLE LUMBER CO. LIMITED

Head Office: 90 St. James Street, Montreal, Que.  
Mills at Mont Laurier, Que.; Hebert, Que.; Ste. Marguerite, Que.;  
and Nottaway, Que. Dressing mill at St. Jerome, Que.

Northern Office:  
MIDLAND, ONT.

Southern Office:  
HATTIESBURG, MISS

## Herman H. Hettler Lumber Co.

2601 Elston Avenue, CHICAGO, ILL.

Manufacturers and Dealer

## White Pine, Red Pine and Yellow Pine Lumber and Lath

Excellent Planing Mill Facilities. Prompt Shipments

Crating

Cedar Shingles

## Everything in Spruce

FLOORING  
SIDING  
ROUGH DIMENSION  
LATH

## Campbell, MacLaurin Lumber Co.

Limited

MONTREAL  
Board of Trade  
Building

TORONTO: 320 Roncevalles Ave.  
C. W. McCabe, Ont. Representative  
Phone Junc. 1598W

## CANADIAN ——— HARDWOODS

complete stock of—

## BIRCH

All Thicknesses — All Grades  
Good Stocks — Prompt Shipments — Satisfaction

## C. A. SPENCER, LIMITED

205 St. James St. - - MONTREAL

## EDGINGS

The capital stock of the Russell Timber Co., was recently increased from \$50,000. to \$150,000.

The Port Elgin Box Co., of Port Elgin, Ont., has been granted a charter with an authorized capital of \$40,000.

J. G. Levie, of W. & J. Sharples, Limited, Quebec, is on a business trip to the Old Country.

The Haliburton Lumber Co., with an authorized capital stock of \$150,000. and head offices in Lindsay, Ont., has been granted a charter to carry on a general logging, lumbering and timber business.

Howe Sound Pulp & Paper Co., Limited, Toronto, is a new firm with federal charter to manufacture and market all kinds of pulpwood products.

John Robertson died recently at his home in Bathurst, N. B. He was 73 years of age and was for many years engaged in the lumber business.

Norman M. Smith, vice-president and general-manager of the Western Spruce Mills, Limited, Edmonton, Alta., was in Toronto recently calling upon the trade.

John Lucas & Co. Limited, Toronto, was recently granted a provincial charter to deal in all kinds of building materials. Capital, \$40,000.

Building Materials Exhibits, Limited, Toronto, has been incorporated to operate show rooms exhibiting all kinds of building materials. Capital, \$40,000.

Buskegaw River Pulp & Paper Co. Ltd., Cochrane, Ont., was recently organized to manufacture and deal in lumber and pulpwood products. Capital \$40,000.

Richard Davies, who is well known in the building trade of Toronto, has joined the Kingston Road Lumber Co. and is now assistant manager of that organization.

At the Westminster Mill, Queensboro, B. C. recently, James A. Hay, mill foreman, was instantly killed, when the shingle conveyor on which he was repairing a break in the chain, was set in motion. He was dashed against the mill timbers.

Robert Soper, Limited, Hamilton, Ont., is a new firm with a capital of \$60,000 to manufacture and deal in general outfitters supplies such as awnings, tarpaulins, rubber goods, leather goods, rope and other supplies.

Canfield-Wilmot, Limited, Woodstock, Ont., is a new firm recently granted a provincial charter to manufacture and market lumber and wood products. Capital \$100,000. Two of the incorporators are P. L. Canfield and A. G. Wilmot.

Abia Middleton died recently in Toronto, at the age of 84 years. He came to Canada from England in 1880 and secured a position in the office of the Gall Lumber Co., Toronto, with whom he was employed for over 40 years. His wife and one son survive.

D. H. McLennan, of the McLennan Lumber Co., Limited, has been elected a member of the council of the Montreal Board of Trade for 1923. Mr. McLennan was nominated by the Montreal Lumber Association.

Emile Leblanc, aged 19 years, was instantly killed by falling logs in a lumber camp on the Tobique River, Que. He was a son of Napoleon Leblanc, of New Richmond, Que., and was employed by Paul Levesque, a sub-contractor for Thomas Waugh, lumber jobber.

Weiler Bros., of Mildmay, Ont., have received an order from a New York firm for 25 carloads of sawdust. They are loading four cars and have purchased the winter's output of sawdust from two sawmills at Mildmay which is in Bruce county.

Windsor, Ont., building figures for January show an increase in value of \$416,740, compared with the corresponding month of last year. During last month Inspector Parker issued 33 permits for buildings valued at \$506,925. A year ago 39 permits were taken out, estimated value of which was placed at \$89,185.

Ernest Gignac has started in the lumber business in his own behalf at 329 Prince Edward St., Quebec. He has had 15 years' experience in the industry and was connected for a long period with the firm of Napoleon Gignac, Inc., as vice-president and managing-director. Many friends will wish Mr. Gignac every success in his new sphere of activity.

The Glengary Pulp Co., at the head of which is W. W. Thomson, of Toronto, has been organized and purchased the mill of the old Cornwall Pulp & Paper Co. at Cornwall, Ont., which has been idle for some time. The new company will put the plant in operation in the manufacture of groundwood pulp and a large number of hands will be employed.



At a special meeting of the Montreal Lumber Association a vote of condolence and sympathy with the family of the late P. D. Gordon, of Mason, Gordon & Co., Limited, was passed. Mr. Gordon took a prominent part in the activities of the Association and was president for two years.

Ernest W. Tickle, of Liverpool, England, has arrived in Canada and the United States on a business trip. He expects to spend some time in New York, Toronto, Montreal and other places. Mr. Trickle has recently taken a partner in business with him and the title of the firm is being altered to the Tickle-Bell Lumber Co. They are widely known mahogany and American lumber merchants and have a wide export and import connection.

The Inglewood Pulp & Paper Co., Limited through G. C. Cutler, Boston, their representative, has applied to the N. B. provincial government, asking that the administration take over all the company's lands on the Musquash, totalling 40,000 acres. The Inglewood company have suggested that the government use the land in the development of a fish and game reserve. This idea of a preserve has also been advanced by the N. B. Tourist Association.

Harry Turnbull, of Sarnia, Ont., died recently in the General Hospital at Galt, Ont., in which he was taken ill while on a visit. Mr. Turnbull, who suffered from kidney disease, is survived by his wife and two children. The remains were taken to Sarnia for interment. Mr. Turnbull was widely known in lumber circles in Western Ontario and was vice-president of the George N. Kernohan Lumber Co., of London. He was also identified with the Wallaceburg Lumber Co., of Wallaceburg.

A provincial charter has been granted to Letherby & Chew, Limited, with an authorized capital of \$700,000. The new firm which is composed of Ed. Letherby and Manley Chew, M.P., of Midland, is empowered to carry on the business of manufacturer of timber, lumber, lath, pulp, etc., and to operate mills. Letherby & Chew Limited, will take over the extensive business for many years carried on by Chew Bros., in Midland, of which Ed. Letherby has been the manager for many years.

The McNeil Lumber Co., Limited, Montreal, has purchased the McCool limits of hardwood, Amable du Fond, Ont. The limits consist of 43½ square miles, and according to the cruiser's report, contain one of the best stands of hardwood in Ontario. It consists of large quantities of railway timber as well as hemlock, pine and spruce. The limits are situated on the main line of the C.P.R. near Mattawa. It is intended to export the hardwoods and also to manufacture ties. A sawmill and a tie mill will be operated.

The Devon Lumber Co., Limited, of Sherbrooke, Que., who a considerable time ago sold its mill at Pine, Ont., to the McNaught Lumber Co., and its limits to the Continental Wood Products Co., are, as stated in a recent issue, winding up business. F. N. McCrea, M. P., president of the Devon Lumber Co., is head of the Sherbrooke Lumber Co., of which F. C. Baker is secretary-treasurer. Mr. McCrea and Mr. Baker have similar offices respectively in the Lothiniere Lumber Co., while the latter is in partnership with J. E. McCrea in the wholesale firm of McCrea & Baker.

The Hope Lumber Company Limited, of Thessalon, Ont., has been awarded the right to cut the red and white pine on the timber limits made up of the southern portion of the township of West Brooke, and a part of the adjoining township to the south, an area altogether of 25 square miles, on the following terms: \$13.27 per 1,000 feet board measure, in addition to the crown dues of \$2.50 per thousand feet. The award was announced recently by the Ontario Department of lands and forests.

The Department of Lands and Forests of the Ontario Government has accepted the tender of Charles Mellor of Port Arthur, for timber on Township Seven and part of Six lying East of the Canadian Pacific Railway main line near James station on the Grand Trunk. The tract is said to contain an area of thirty six square miles and under the terms of the tender Mr. Mellor is to pay the following price for the timber cut. Pine, \$9.50 per thousand feet board measure; \$6 per thousand for spruce and poplar; \$4.50 per thousand for other timber. Ties are rated at 22 cents each. Spruce and pulpwood, \$2.67 per cord and other pulp, \$1.47. Fuel wood is rated at thirty cents per cord.

Considerable quantities of pulpwood are coming down the Algoma Central now, from 40 to 50 cars being handled daily, of which about 30 are for the Spanish River Pulp & Paper Co. mills at Sault Ste. Marie, Ont. From 10 to 12 cars of pulpwood for export are brought down the line daily, consigned to firms at Manistique, Michigan, and at Appleton and points in the Fox River Valley in Wisconsin. This wood is brought largely from the section along the National Transcontinental near Hearst. The camps operated by the Spanish River Pulp & Paper Co., this winter are in the townships of Irving and Franz, near Oba, but in addition the company is taking wood out by settlers in the townships of Lowther and Way, near Hearst.

## The C. Beck Manufacturing Company, Ltd.

PENETANG, ONTARIO

Manufacturers & Dealers of

## WHITE PINE—RED PINE HEMLOCK—LATH

Planing Mills in Connection—Our Dressing will  
Save You Freight

TORONTO OFFICE 10 PARLIAMENT STREET

F. H. Horning M 2170

## McNeil Lumber Co. Limited

416 St. James St., Montreal, Phone Main 996 & 1185

Manufacturers and Wholesalers  
Hard and Softwood Lumber and  
Railway Ties.

B.C. Fir and Cedar Shingles Specialists.

## FOR SALE

5 cars 5/8 x 4" and wider (chiefly 4") random  
lengths

Log Run Quebec Spruce

Dry Stock

Write or wire for quotations

WIGHTMAN LUMBER CO., Limited

263 St. James St. MONTREAL, CANADA.

## "By-Pass" Blower Systems

for green saw dust and wet stringy material

Material that usually clogs the ordinary Blower is handled easily and continuously by our "By-Pass" Blowers. No material passes through or around the fan. That is the big secret of "By-Pass" success. Slow speed and minimum power are other strong features. Write for literature and all details.

We manufacture and install complete systems

Toronto Blower Company

156 Duke St., Toronto



## Turn Your Shavings Into Cash

Here is a steady source of revenue that will materially cut down your expenses and at the same time rid your mill of waste shavings. There is a ready market and good price awaiting these shavings.

### Bale them with the AMERICAN STEAM STEEL FRAME PRESS

This economical and efficient device will quickly pay for itself and continue to be a money-maker for many years. The press is strongly constructed with steel frame, the cylinder being in sizes 30" dia. by 40" high or 26" dia. by 45" high, and having a capacity of one bale of shavings per minute.

Don't let this valuable by-product of your mill go to waste. Get in touch with us today.

A card will bring full particulars.

**American Engine & Boiler Works**  
TONAWANDA, N.Y., U.S.A.



## Saw Mill Machinery for Disposal from the Plants of the Davison Lumber & Manufacturing Co., Bridgewater & Springfield, N.S.

- 1—Giddings & Lewis 8' Band Mill with Allis-Chalmers Carriage Steam Feed Cylinder 11" x 54' complete with all equipments.
  - 1—Giddings & Lewis 6' Band Mill with New Waterous Carriage Steam Feed Cylinder 9" x 48' complete with all equipment.
  - 1—Giddings & Lewis 6' Horizontal Band Resaw.
  - 2—84" Diamond Iron Works 14 Saw Edgers.
  - 1—Harmon 13 Saw Gang Trimmer with pneumatic control to each saw.
  - 1—Diamond Iron Works Gang Saw.
  - 1—Hamilton-Kendall Circular Gang Saw.
  - 1—Diamond Iron Works Five Saw Lath Bolter.
  - 1—Diamond Iron Works Four Saw Lath Machine.
  - 1—Diamond Iron Works Two Saw Adjustable Lath Butt Trimmer with power feed.
  - 1—No. 1½ Hill Steam Driven Drag Saw.
  - 1—Hill 12" x 24" Vertical Steam Driven Cord Wood Splitter.
  - 1—Appleton Belt driven horizontal cordwood splitter.
  - 1—Diamond Iron Works Heavy Type Friction Log Haul-up.
  - 1—18" x 10" x 12" Worthington Duplex Brass Fitted Underwriters Fire Pump Cap 1000 Gallons per minute.
- FILING ROOM MACHINERY AND EQUIPMENT** consisting of Band, Circular and Gang Sharpeners, Re-Toothers, Shears, Anvils, Brazing and Filing Clamps.
- STEAM DECK EQUIPMENT** consisting of Steam Niggers, Kickers, Loaders, Gang Skids.
- PLANER**—1 practically new, Yates No. 10, 30" x 10" Planer and Sizer with side Head Grinder.
- All the above for immediate disposal at low prices. Write or Wire for full particulars.

**Fleming & MacLeay, Agents**  
Bridgewater, N.S.



# Rubber Goods FOR LUMBERMEN

### Belting

Our long experience in the making of Rubber Belts enables us to specialize on this line. "P. M. S.," "Special Drive" and "Lion" are our leading brands for power transmission.

### Packings

"Redstone" High Pressure Sheet Packing has proved by test that it will outlast any other similar packing on the market. We make Spiral and Ring Packings, etc., that are equally reliable.

### Hose

for Steam, Water, etc., in various grades, made especially to give satisfactory and economical service under different conditions.

### Fire Hose

One or more of our twenty brands of Fire Hose will be found, not only in the best equipped Factories, Mills, etc., but in almost every Fire Department in the Dominion.

### Rubber Footwear

We make a complete line of Lumbermen's boots. For over 25 years, our Maltese Cross Brand has been the leading line in Canada. Make sure you get this old dependable brand.

**Gutta Percha & Rubber, Limited**

TORONTO HALIFAX MONTREAL OTTAWA HAMILTON LONDON FORT WILLIAM WINNIPEG REGINA  
SASKATOON EDMONTON CALGARY LETHBRIDGE VANCOUVER VICTORIA



# ATKINS

## STERLING QUALITY SAWS

### A Reputation for Quality

The progressive up-to-the-minute mill man knows that

**Atkins** STERLING STEEL **Saws**

Machine Knives and Tools have achieved their reputation because of their high quality and dependability.

If you have not read "The Story of Sterling Steel," and all that it implies in the manufacture of our Saws, clip this advertisement, ask for catalog, sign your name and address, and mail it to us at Hamilton.

If you want us to give you the names of some of the largest and most successful lumber producers who are using Atkins products, we will be glad to do so.

"A Perfect Saw For Every Purpose"

**E. C. ATKINS & CO.**

Established 1857      The Sterling Quality Saw People

Canadian Factory, HAMILTON, Ontario

Branch carrying complete stock, VANCOUVER, B. C.



**MADE IN CANADA**





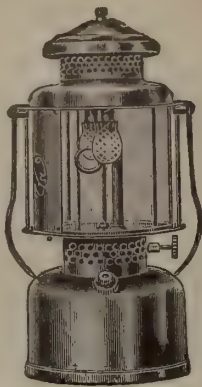
Now Used Everywhere!

## COLEMAN QUICK-LITE

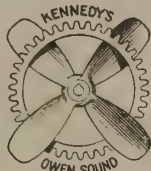
Lamps and Lanterns

Sold by Commissaries, Hardware and General Stores. 300 Candle Power brilliance. Make own gas from common gasoline.

Write us, Dept. C-L1, if you can't conveniently examine them.



**The Coleman Lamp Company, Ltd.**  
Toronto Canada



# CASTINGS

*Sound Clean  
and True*

You can depend upon the quality of every Kennedy Casting. They are made in steel, grey iron, malleable iron, aluminum, brass and bronze.

*Expert machine work.*

**The Wm. Kennedy & Sons**  
OWEN SOUND ONTARIO LIMITED

District Representatives

M. B. SAUNDERS,  
8 Silver Street, Cobalt  
Phone Cobalt 153

H. C. KENNEDY,  
232 St. James St., Montreal.  
Phone Main 394

## CLIMAX GEARED LOCOMOTIVES ARE BUILT FROM 12 TO 90 TONS



Get  
Catalogue  
"K"

CLIMAX MANUFACTURING CO., CORRY, PA.  
CLIMAX LOCOMOTIVE CO., 67 COLUMBIA ST., SEATTLE, WASH.  
VANCOUVER MACHINERY DEPOT, LTD., VANCOUVER, B.C.



## Excelsior Cutting Machinery

Manufactured By

**The Elmira Machinery  
and Transmission Co.**

Elmira, Ont.

Write for Circular and Prices

## JOHNSON'S Veterinary Remedies

are the surest, the most economical and the best medicines with which to equip your stables. They have been on the market for thirty years and still retain their superiority over all others.

The quality never varies, it is our first consideration. -  
Prices in effect at the present time are as follows:

Johnson's Horse Liniment No. 1	Per Gal.	\$7.00
Johnson's Horse Liniment No. 1	Quarts, Per Doz.	19.00
Johnson's Horse Liniment No. 1	Pints, Per Doz.	10.00
Johnson's Horse Colic Remedy	Per Gal.	12.50
Johnson's Horse Colic Remedy	Quarts (8 Doses each) Doz.	30.00
Johnson's Horse Colic Remedy	Pints (4 Doses each) Doz.	15.00
Johnson's Veterinary Healing Ointment (Gall Cure)		
2 lb Tins	each 2.25 Doz.	24.00
1/4 lb. Tins	Per Doz.	4.00
Johnson's Concentrated Condition Powders, 1 lb. Pkgs.	Doz.	6.50
Johnson's Condition Powder, No. 2	Doz.	3.00
Johnson's Horse Worm Powders	Pkgs. Per Doz.	8.00
Johnson's Purging Balls	Per Doz.	4.00
Johnson's Cough & Heave Powders	Per Doz.	4.50
Johnson's Antiseptic Dusting Powder		
(For Drying and Healing Sores, Proud Flesh, etc.)	Per Doz.	8.00
"Kreoline," antiseptic, deodorizing	Per Gal. Tin	1.90

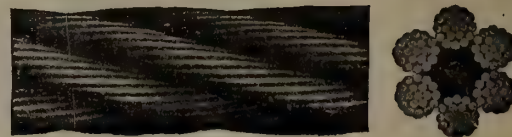
Our Family and Van Remedies are as follows:-

Pine and Tar Cough Syrup	Big 4 Liniment—Mosquito Oil
Purgative Pills	X Ray Liniment
Little Liver Pills	Cholera Mixture (Diarrhoea)
Porous Plasters	Headache Powders
Stomach Bitters	Sarsaparilla
Laxative Cold Tablets	All Healing White Ointment

All Drugs and Patent Medicines at Market Prices  
Mail orders solicited — Prompt shipments made.

**A. H. JOHNSON** WHOLESALE  
DRUGGIST  
Collingwood, Ontario

## WIRE ROPE



**"We have the Right Rope for every purpose"**

The contributing factors in making good Wire Rope are: 1. Men who know how. 2. The best grade of materials. 3. The most modern machinery. We have all three and are producing the goods. Give us a trial.

*We solicit your enquiries. Write for our catalogue.*

Stock carried in Montreal by J. H. HANSON CO. LTD., Agent

**Canada Wire & Iron Goods Co., Hamilton**

Stock carried in Edmonton and Calgary  
N. F. Judah, McLeod Building, Edmonton, Agent



# Pink's Lumbering Tools

The Standard Tools in every province of the Dominion, New Zealand, Australia, etc.  
We manufacture all kinds of lumber tools. Light and Durable.

Long Distance Phone, No. 87

Send for Catalogue and Price List.

Sold throughout the Dominion by all Wholesale and Retail Hardware Merchants.

## The Thomas Pink Company, Limited

Manufacturers of Lumber Tools

PEMBROKE

ONTARIO

It's a Pink any-  
way you take  
it and it's the  
best Peavey  
made.



*Not altogether what we say,  
but what users say*

"We have used the Alligator or Warping Tug manufactured by you for the last 7 or 8 years, and consider them indispensable to lumbermen on waters of French River or similar streams"

Will move a bag containing 60,000 logs,  
in calm weather, 30,000 in a head wind.

**West, Peachey & Sons Simcoe, Ont.**

## FIRE WALLS ARCHES BRIDGE WALLS

Would you use bricks, half bricks and fire clay for repairs when one solid brick would do the work? PLIBRICO comes in plastic form and when baked out is a brick of the required size without joints. Skilled labor not necessary in installing

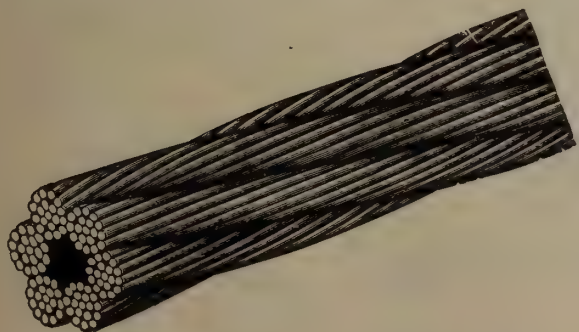
Write us for estimates and for copy of book on "MODERN FURNACE BUILDING."

Manufacturers of "BOICO" feed water treatment and  
**SHELL-BAR GRATES**

and  
Dealers in Tip It Welding Compound, Nox-Aer-Leek, Ever-jet Paint, Gaskets and Packing and every ENGINE ROOM NECESSITY.

## SHELL-BAR, BOICO SUPPLY, LIMITED

Phone Parkdale 2470 — 1-15 Saunders Avenue  
TORONTO



The Results Obtained From

## "Dominion" Wire Rope

Are ENDURING WEAR and INSURANCE AGAINST  
SUDDEN ROPE FAILURE

*Have you used our BLUE STRAND?*

## The Dominion Wire Rope Co. Limited

Head Office: MONTREAL

Stocks also Carried at: TORONTO AND WINNIPEG



# General Produce and Lumbermen's Supplies

Blankets,  
Tents,  
Oil Clothing  
and  
Camp  
Supplies  
of all  
Kinds

We are prepared to handle your supplies in any quantities and have particularly good facilities for shipping carload lots. These include our own railway sidings, and deep water wharfage facilities.

## PUBLIC WAREHOUSING

All classes of general merchandise handled in transit or for storage. Our location enables us to give assurance of excellent service. You will find our charges reasonable.

**A. H. M. HAY, Quebec City** Phone 5311  
Residence 6383

Hay  
Oats  
Peas  
Beans  
Potatoes  
Flour  
Pork,  
Lard,  
etc.

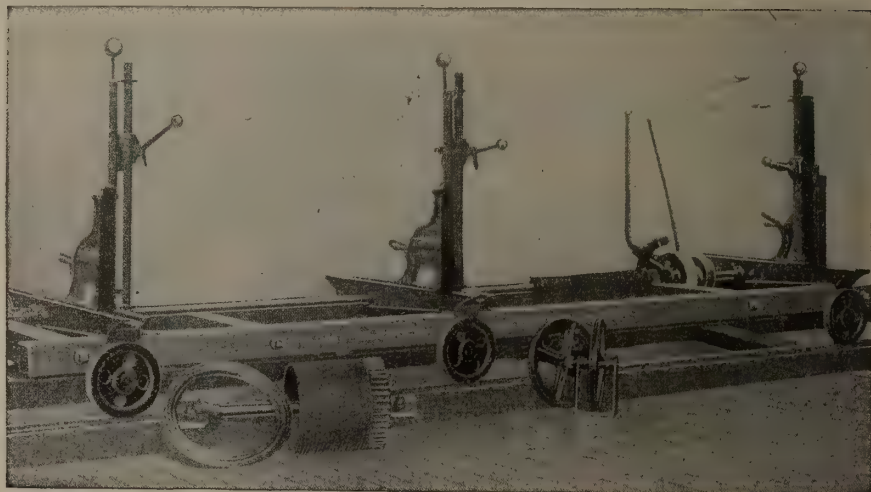
# The Carriage You Are Looking For

## Our No. 1 Size

**CARRIAGE**—Has three head blocks, as shown in cut, usually set 9 and 6 feet apart, will be placed any distance apart to suit purchaser. Knees open 38 in. from saw, and is fitted with Knight or Peel dogs, as desired. Taper movement on each knee. 1 15-16 in. steel set bar with steel pinions and coil spring receder, and friction lever brake for stopping knees where required. Timbers are 5 x 6 in., or heavier if desired, well bolted and braced. Diameter of truck wheel, 12 in. Axles 1 3/4 in. diameter, and extend clear across carriage, are furnished with self-oiling bearings. Front block is fitted with timber rule, placed as desired; 54 feet of V and flat track furnished with each carriage.

**SET WORKS**—As shown in cut, is made up of ratchet wheel 12 in. diameter, 4 in. face, with set lever carrying 7 steel pawls of varying lengths; also, same number of check pawls set in quadrant. Both sets of pawls are disengaged from either side of carriage when required to recede knees. This is a positive set, without lost motion.

**FEED WORKS**—As shown in cut, consists of 16 x 12 in. drum, with spur gear keyed to shaft. Pinion or friction shaft in saw frame engages with this gear. Cable takes two or three turns around drum, and is passed around end sheaves and attached to carriage. We also furnish 26 in. drum with internal gear in place of 16 in. drum when desired.



*For Shingle, Lath and Portable Saw Mill Machinery  
write the well known manufacturers*

# The G. Walter Green Co., Limited

*Send for Catalogue*

**PETERBOROUGH, ONT.**

To Purchasing Agents of

## Groceries and Camp Supplies

*Is our name on your Requisition List?*

# LANGLOIS & PARADIS, LTD.

19 ST. JAMES ST., QUEBEC CITY



# Adams Pointers



These powerful, efficient and economical gasoline boats, manufactured at Penetang, are giving universal satisfaction all over Canada.

Lumbermen will find it cheaper, quicker and safer to work with an Adams Pointer. They are much more economical and easier to operate than alligators or tugs.

The Adams Pointer is equipped with a powerful, heavy duty, easy running engine, extra heavy reverse gear and warping winch, and will prove equal to your heaviest work.

We can supply the machinery separate from hull if so desired.

*Write for further particulars and blue prints which give in detail where our Pointers excel.*

## Adams Engine Co., Penetang, Ont.

J. T. PAYETTE, Proprietor

## The Machine that Holds the World's Record of 128,350 Laths Test Cut in 10 Hours

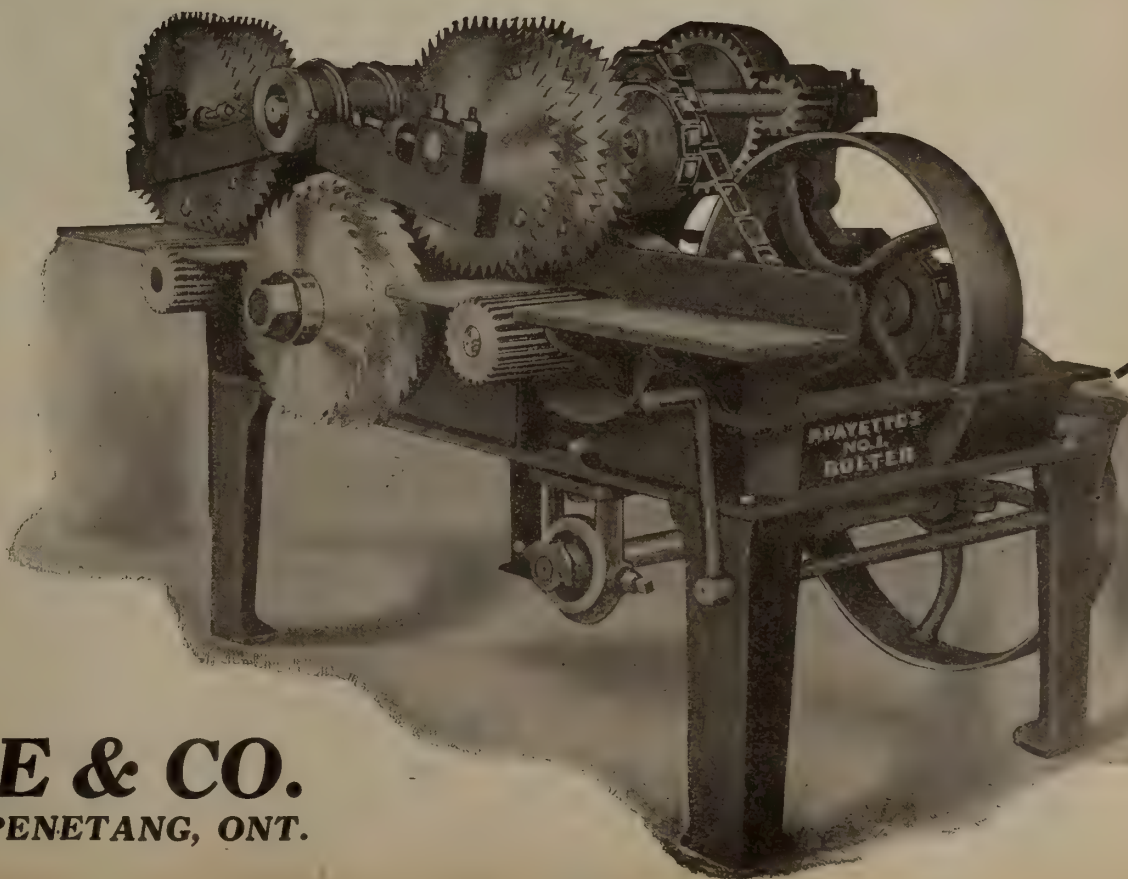
Four Hundred Sawmills in the Dominion are to-day using this machine.

It has all the latest improvements and for quick, clean work has no equal.

The Payette No. 1 Bolter and No. 2 Lath Mill will cut, count, tie and pile 128,350 lath in a period of ten hours. The above consisted of 4 foot laths, 1½ by ¾ inches, and constitutes a record in rapid lath cutting.

If you are not using a Payette Lath Mill outfit, you should be.

Shall we send you full particulars and prices?



## P. PAYETTE & CO.

J. T. PAYETTE, Proprietor      PENETANG, ONT.



# ALPHABETICAL INDEX TO ADVERTISERS

Abrams Sons Ltd., John .....	28	Department of Lands (Ontario) .....	7	Imrie Lumber Co., R. ....	24	Rankin-Benedict Co. ....	
Adams River Lumber Co. ....		Disston & Sons, Henry .....		International Land & Lumber		Rat Portage Lumber Co. ....	14
American Engine & Boiler Works .....	66	Dominion Belting Co. ....		Company .....	26	Rideau Lumber Co. ....	
Anderson Lumber Co., C. G. ....	12	Dominion Timber Products ....	18			Reed & Co. Ltd., Geo. W. ....	72
Anderson, Shreiner & Mawson .....	27	Dominion Wire Rope Co. ....	69	Johnson, A. H. ....	68	Robertson & Hackett Sawmills,	
Apex Lumber Co. ....	22	Dominion Truck Equipment Co. ....		Julien, Roch .....	16	Limited .....	
Associated Mills Ltd. ....	21	Dudley, Arthur N. ....	26	Keewatin Lumber Co. ....	8	Rolland Lumber Co. ....	24
Atlantic Lumber Co. ....	4			Kennedy & Sons, Wm. ....	68	Rose-McLaurin Ltd. ....	14
Atkins & Co., E. C. ....	67	Eagle Lumber Co. ....	64	Kinnon Lumber Co. ....	24	Russell Harris Lumber Co. ....	8
Austin & Nicolson Ltd. ....	17	Eastman Lumber Co. ....	17	Knox Brothers .....	3	Ryther & Pringle Co. ....	61
		Eaton & Sons, J. R. ....	28				
Barrand, L. S. ....	28	Eddy Co., E. B. ....	1	Laidlaw Bale Tie Co. ....	13	Santerre & Pineau .....	25
Bartram, J. C. ....	31	Edwards & Co. Ltd., W. C. ....	29	Lamontague Limited .....		Savage & Bartlett .....	13
Bainbridge Lumber Co. Ltd. ....		Elk Fire Brick Co. ....	78	Langlois & Paradis .....	70	Schroeder Mills & Timber Co. ....	23
Beck Mfg. Co. Ltd., The C. ....	65	Elmira Machinery & Transmission		Larkin Co., C. A. ....		Scott, Draper & Co. ....	20
Bell, Geo. W. ....	12	Company .....	68	Larkin Lumber Co. ....	17	Sewall, Jas. W. ....	13
Bennett Lumber Co. Ltd. ....	30	Engineering & Machine Works .....	73	Linton Lumber Co. ....	31	Shell-Bar Boico Supply Ltd. ....	69
Bernard Industrial Co., The A. ....	74	Excelsior Lumber Co. ....		Loggie, W. S. ....	14	Shevlin-Clarke Co. ....	6
Beveridge Supply Co. Ltd. ....				Lloyd, W. Y. ....	13	Shull Lumber & Shingle Co. ....	18
Big Bear Lumber Co. ....	26	Farnworth & Jardine .....	12	London Concrete Machinery Co. ....		Shurly Dietrich Co. ....	
Black Rock Lumber Co. ....		Fassett Lumber Co. ....	11	Long Bell Lumber Co. ....		Shurly Co. Ltd., T. F. ....	
Brady Machinery Co. ....	84	Fesserton Timber Co. ....	7	Long Lumber Co. ....	31	Simonds Canada Saw Co. ....	34
British Columbia Lumber		Fleming & MacLeay .....	66	Long Manufacturing Co., E. ....	82	Smart Turner Machine Co. ....	1
Commissioner .....	16	Fletcher Corporation .....		Lumbermen's Indemnity		Smart, Jas. ....	75
Brennen & Sons, F. W. ....	8	Floyd-Esbin Co. Ltd. ....	61	Exchange .....	1	Smith Foundry Co. ....	74
Burchill & Sons, Geo. ....		Foley Lumber Co. ....	13			Smith, N. ....	12
Bury & Co., Robert .....	23	Fraser Bryson Lumber Co. Ltd. ....	24	McCormack Lumber Co. ....		Stalker, Douglas A. ....	
		Fraser Companies Ltd. ....	15	McClung, McLellan & Berry .....		Spanish River Lumber Co. ....	19
				McCuaig & Co., Jas. C. ....	24	Epencer, C. A. ....	64
Cameron Lumber Co. ....	25	Gates Engineering Co. ....	53	McDonagh Lumber Co. ....	16	Stack Lumber Co. ....	14
Campbell, MacLaurin Lumber		Gartshore, John J. ....	1	McElroy Lumber Co. ....	25	Staples Lumber Co., Otis .....	63
Company .....	64	General Supply Co. of Canada .....	77	McFadden Ltd., J. J. ....	27	St. Mary's Wood Specialty Co. ....	12
Canada Foundries & Forgings ..	75	Gerlach Co., Peter .....	75	McLennan Lumber Co. ....	17	Storey Lumber Co. ....	30
Canadian General Lumber		Gidley Boat Co. Ltd. ....	61	McLaren, Limited, D. K. ....		Summers, James R. ....	12
Co., Ltd. ....	13	Gillespie, Jas. ....	13	McNeill Lumber Co. ....	65	Swift Canadian Co. ....	77
Canadian Link-Belt Co. ....	30	Gillies Bros., Ltd. ....	20	MacLean Building Reports .....	57	Sylvester Mfg. Co., Ltd. ....	
Canadian Western Lumber		Goodhue & Co. Ltd., J. L. ....	73	Manufacturers' Lumber Co. ....	10		
Co., Ltd. ....		Goodday & Co., H. R. ....	11	Mason & Co., Geo. ....	8	Terry & Gordon .....	9
Canada Wire & Iron Goods .....	68	Gordon & Co. Ltd., Geo. ....	6	Mason, Gordon & Co. ....	29	Thompson & Heyland Co. ....	20
Canfield, P. L. ....	14	Gloucester Lumber & Trading .....	22	Maus, Chas. O. ....		Thurston-Flavelle Ltd. ....	22
Cant & Kemp .....	12	Grant-Holder-Graham Ltd. ....	79	Montreal Locomotive Works .....	78	Timberland Lumber Co. ....	25
Canadian Holt Co. ....	63	Gordon Lumber Co., A. E. ....	19	Montreal Lumber Co. ....	12	Timms, Phillips & Co. ....	18
Canadian Milk Products .....	79	Gravel Lumber Co. Ltd. ....	31	Muir & Kirkpatrick .....	29	Toronto Blower Co. ....	65
Canadian Tie & Lumber Co. ....	27	Gregertson Brothers Co. ....	24	Murphy Lumber Co., Wm. J. ....		Tudhope Anderson Co., Ltd. ....	
Chaleurs Bay Mills .....	5	Green Co., G. Walter .....	70	Mussens, Limited .....	81	Turner & Sons, J. J. ....	1
Chesbro, R. G. ....	28	Grier & Sons, G. A. ....		Musgrave & Co. Ltd. ....			
Clark Bros. ....	34	Greig-Morris Co. ....	20			U. G. G. Sawmills Ltd. ....	21
Clarke & Sons, Edward .....	5	Greening Wire Co., B. ....	75			Underhill Lumber Co. ....	18-26
Cleveland-Sarnia Sawmills Co. ....	59	Gutta Percha & Rubber Ltd. ....	66				
Climax Manufacturing Co. ....	68			Neville Cooper Co. ....		Vanatter & Ham .....	74
Coburn Lumber Co. ....		Hall Bros. ....	30	Nevison & Brooks .....	10	Vancouver Lumber Co. Ltd. ....	18
Coleman Lamp Co. ....	68	Hamilton Co., Ltd., Wm. ....	2	New Ontario Colonization Co. ....	10	Victoria Harbor Lumber Co. Ltd. ....	17
Coltart, & Co., Robt. ....	12	Hansen, A. K. ....		Northern Pacific Logging Co. ....	18		
Crane, Limited .....		Hardy & Co., E. D. ....	1			Waterous Engine Works Co.,	
		Harris Tie & Lumber Co. ....	11			Limited .....	83
Dadson, A. T. ....	8	Hay, A. H. M. ....	70	O'Brien Limited .....	28	Watson & Todd .....	10
Davies Co., Wm. ....		Hettler Lumber Co., Herman H. ....	64	Oliver Lumber Co. ....		Westminster Mill Co. ....	18
D'Auteuil Lumber Co. ....	8	Hocken Lumber Co. Ltd. ....	4	Otis Staples Lumber Co. Ltd. ....	63	West Peachey & Sons .....	69
		Hoe & Co., R. ....	63			Wightman Lumber Co. ....	65
		Hotel Tuller .....	61	Pannill Door Co. ....		Williams, D. ....	28
		Howland, H. S. ....	61	Parry Sound Lumber Co. ....	10	Wilson Bros. ....	20
		Hunter Lumber Co. ....	28	Payette Co., P. ....	71	Wistar, Underhill & Nixon ....	16
				Pedwell Hardwood Lumber Co. ....	16	Woods Mfg. Co., Ltd. ....	
				Petrie Ltd., W. H. ....			
				Phillips, Thos. N. ....	16		
				Pink Co. Ltd., Thomas .....	69	Yates Machine Co., P. B. ....	33
				Power Lumber Co. ....	11	York Belting Co. ....	12



## Minimize Fire Risk

Countless fires have occurred in MILLS by flying sparks from unprotected Smoke Stacks. STOP all these dangerous sparks NOW by having a

## Thompson Spark Extinguisher

Installed on top of your mill smoke stack

The "Thompson" is designed so that the draught is not in any way interfered with.

Tell us the height and diameter of your smoke stack and we will quote you on a suitably sized "THOMPSON."

# Geo. W. Reed & Co. Ltd., Montreal





# GOODHUE BELTING

For

## Saw and Planing Mills

In a Goodhue Belt you get only the best leather with the stretch taken out of it. A Goodhue Belt will always run evenly and "clings" to the pulley transmitting 100% of your power

For the wet places in the mill we have a special waterproof leather belt—"Acme." Other Goodhue Belts are "Extra" and "Standard" recommended according to the conditions under which the belt has to run.

Goodhue Belts stretch less than any other belt by 15 to 25 per cent.

*Send for prices and particulars*

## J. L. Goodhue & Company, Limited

### DANVILLE, QUEBEC

Winnipeg Agents: Bissett & Webb, 126 Lombard Street, WINNIPEG, Man.

Vancouver Agents: Fleck Bros., Limited, 110 Alexander Street., Vancouver, B.C.

Standard Machinery and Supplies Limited, 261 Notre Dame Street West, Montreal, Que.



## All it costs is \$136.22 per annum to own a new Boiler

A mighty modest charge— isn't it. Especially when you consider the hundreds of dollars a modern, new, efficient boiler can save you every year in coal bills, in repair bills and in bother, worry and wasted time on the part of your boiler room employees. You see, \$136.22 is a seven per cent interest charge on \$1946— which is our moderate price for a high grade 66" x 16',

125 lb. pressure, Horizontal Return Tubular Boiler, 110 h.p., complete with suspension harness and columns and built to suit Interprovincial Codes. Other sizes in proportion. Looked at that way, is it any wonder that we claim a new, modern Boiler from us is one of the most profitable and satisfactory investments you can make?

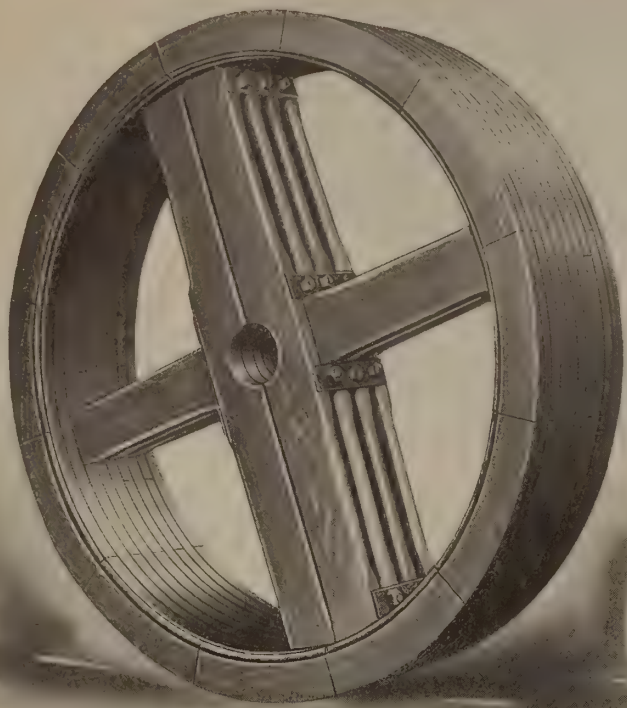
## Engineering & Machine Works of Canada, Limited

ST. CATHARINES, ONTARIO

*Eastern Sales Offices:*

*Hall Machinery Co., Sherbrooke, Que., and Birk's Bldg., Montreal*





Pulleys 36 inches in diameter and over

Skilled workmanship combined with materials especially suited to the purpose have resulted in a product as near perfection as possible. Write for prices.

**The A. Bernard Industrial Co.**  
Fortierville, Que.

## Keep Your Horses Strong and Healthy

The purchase of superior quality horse feed such as sold by Vannatter & Ham is an investment that repays itself many times over. It keeps your horses in the best of condition and ready for the heaviest day's work.

Write for quotations.

SUPERIOR QUALITY

**OATS**

(CRUSHED, WHOLE CHOPPED)

**CORN**

**BRAN**

**SHORTS**

**VANNATTER & HAM**

LIMITED

718 DOMINION BANK BUILDING, TORONTO

TELEPHONES

DAYS

Adelaide 6840

Adelaide 6841

NIGHTS

Hillcrest 7362w

Junction 4828j

*Finest  
Grade  
Flour  
Our  
Specialty*

# HORIZONTAL SAW GRINDER

## The "BATT"

**The Latest and Best  
Grinder  
for Circular Saws**

The very latest horizontal grinder, built to grind properly any kind of ordinary saw, such as:

Shingle Saw on collar Cut-off saw.

Lath Saw Rotary Saw

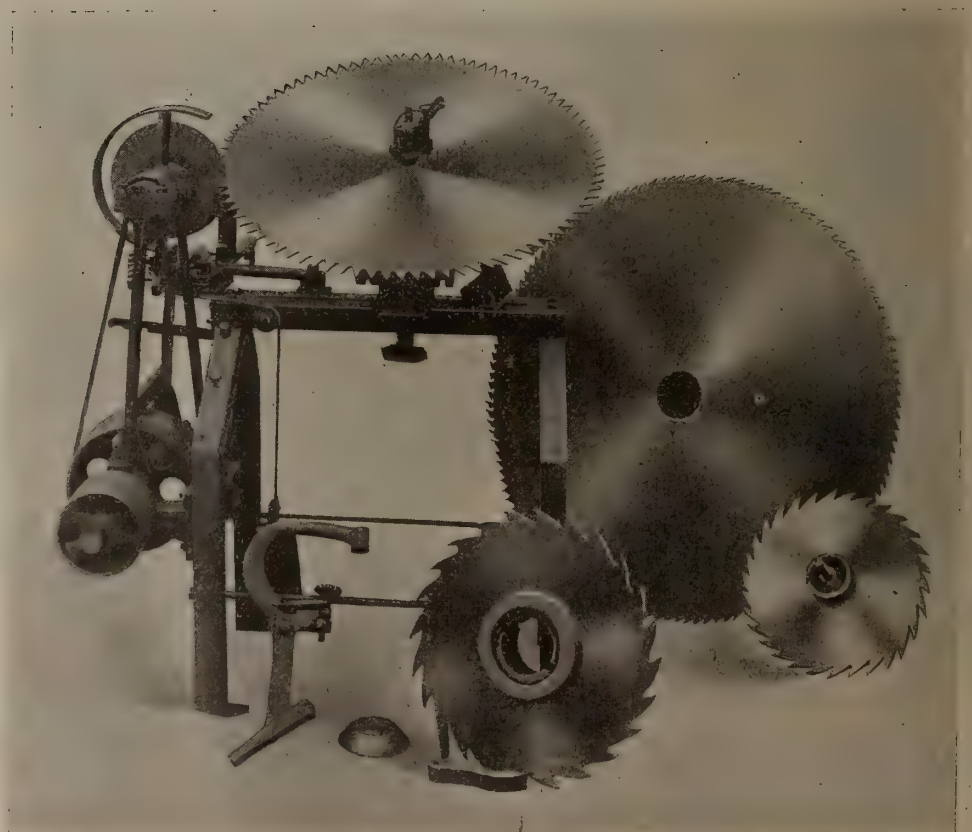
Edger Saw on collar All kinds of factory saws

The construction permits of a wide range of bevel, and a semi-automatic attachment makes all teeth the same.

The pulleys supplied allow two speeds on Emery Wheel with a variation of about 300 R.P.M.

Floor space, 3 ft. x 4 ft.

Weight, 350 lbs.



**The Smith Foundry Co., Ltd.**

Fredericton, N.B.



## Try the "Hang" and the "Feel" of a "444"

Smart's "444" is a friendly looking axe. Hardened, toughened and tempered it is an axe you can bank upon—an axe that will stay on the job day after day and month after month until you lend or lose it.

Drop in to the Hardware store today and pick up a "444". Note the "hang" and the "feel" of it—the hand comfort and the perfect balance that tells you it's a real good axe.



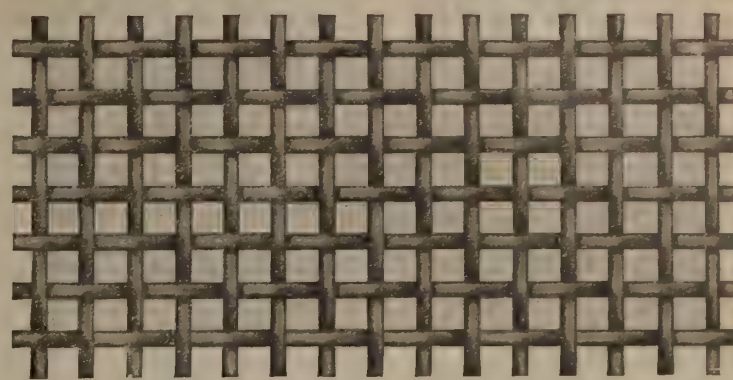
SINGLE BIT  
DOUBLE BIT

*Any Shape—Any Weight*

### The James Smart Plant

Brockville - Ont.

Vancouver Winnipeg Toronto Montreal St. John



4 x 4 mesh, No. 14 wire, imperial gauge, for burner tops

## Consult the Greening Catalog

Whenever you want a question answered on wire screen or cloth refer to the Greening catalog. You will find it comprehensive and the illustrations explain many points such as size of wire, variety of meshes, crimp, discharge area, etc.

If you require more detailed information remember our data files are always at your disposal. Sixty years' experience has gained us valuable information that frequently saves our customers time and money.

*Write for our catalog if you have none  
on file*

**Wire Rope      Wire Cloth**  
**Perforated Metals**  
**Protective Screens      Chains**  
**and allied wire products**

THE B. GREENING WIRE CO., LIMITED

HAMILTON, ONTARIO

MONTREAL, QUE.

WINNIPEG, MAN.

*Complete stocks carried at these points*

## Gerlach Modern Machinery Produces Cheaper and Better

Tight and Slack Cooperage Stock for Barrels, Kegs and Tubs, ready to set up into non-leaking packages of 5 to 120 gallons liquid capacity, or for semi-liquid and dry materials up to 800 lbs. weight. We manufacture machinery for sawing, jointing, planing and crozing staves; for sawing, jointing, dowsing, planing and circling heading.

### MODERNIZE YOUR PLANT

Scrap Machinery invented before the Civil War and install a Gerlach Outfit that will make Tight Barrels that are tight, from any strong non-porous timber.

### BUILD

Barrels with perfect joints that will not leak; a product that is infinitely superior to the tin and iron near barrels now being experimented with. Wood is tasteless, stainless and rustless and being a poor conductor of heat or moisture, keeps its contents in their original condition.

CYLINDER SAWS RESTEELED

MODERN BOXBOARD MACHINERY

### The Peter Gerlach Co.

Columbus, Winter and Leonard Sts.  
CLEVELAND, OHIO





# CANADA LUMBERMAN BUYERS' DIRECTORY

The following regulations apply to all advertisers:—Eighth page, every issue, three headings; quarter page, six headings; half page, twelve headings; full page, twenty-four headings

## ALLIGATORS

Payette Company, P.  
West, Peachy & Sons

## BABBITT METAL

General Supply Co., of Canada, Ltd.

## BALE TIES

Laidlaw Bale Tie Company

## BAND MILLS

Hamilton Company, William  
Waterous Engine Works Company  
Yates Machine Company, P. B.

## BAND SAW BLADES

Simonds Mfg., Co.

## BAND RESAWS

Mershon & Company, W. B.  
Yates Machine Co., P.B.

## BARKERS

Bertrand, F. X., La Compagnie  
Manufacturiere.  
Horton Steel Works  
Smith Foundry & Machine Co.

## BEARING METAL

Beveridge Supply Co., Ltd.

## BEDSTEADS (STEEL)

Simmons Limited

## BELT DRESSING

Dominion Belting Co.  
General Supply of Canada, Ltd.  
McLaren, D. K. Ltd.

## BELT FASTENERS

McLaren, D. K. Ltd.

## BELTING

Canadian Consolidated Rubber Co.  
Dominion Belting Co.  
General Supply Company  
Goodhue & Co., J. L.  
Gutta Percha & Rubber Company  
D. K. McLaren, Limited  
York Belting Co.

## BLOWERS

Reed & Co., Geo. W.  
Sturtevant, B. F. & Co.  
Toronto Blower Company

## BOILERS

Engineering & Machine Works of  
Canada  
Hamilton Company, William  
Waterous Engine Works Company

## BOILER PRESERVATIVE

Beveridge Supply Company  
Shell-Bar, Boico Supply Co., Ltd.

## BOX MACHINERY

Yates Machine Company, P. B.

## BRAKING DEVICE

Ryther & Pringle Co.

## CABLE CONVEYORS

Engineering & Machine Works of  
Canada.

Hamilton Company, William  
Waterous Engine Works Company

## CAMP SUPPLIES

Davies, The Wm. Co., Ltd.  
Dominion Molasses Co., Ltd.  
Dr. Bell Veterinary Wonder Co.  
Howland, H. S. Sons & Co.  
Johnson, A. H.  
Swift Canadian Co., Ltd.  
Turner & Sons, J. J.  
Woods Manufacturing Co., Ltd.

## CANT HOOKS

General Supply Co., of Canada, Ltd.  
Pink & Company, Thomas

## CARS

Mussens, Ltd.

## CEDAR

Adams River Lumber Co.  
Bury & Co., Robt.  
Cameron Lumber Co.  
Canadian Western Lumber Co.  
Chesbro, R. G.  
Fesserton Timber Company  
McElroy Lumber Co., Ltd.  
Muir & Kirkpatrick  
Rose, McLaurin, Limited  
Terry & Gordon  
Thurston- Flavell Lumber Co.  
Vancouver Lumber Company.  
Victoria Lumber & Mfg. Co.

## CHAINS

Canadian Link-Belt Company, Ltd.  
General Supply Co., of Canada, Ltd.  
Engineering & Machine Works of  
Canada  
Hamilton Company, William  
Pink & Company, Thomas  
Waterous Engine Works Company

## CLOTHING

Grant-Holden-Graham  
Woods Mfg. Company

## CONCRETE MIXERS

Mussens, Ltd.

## CONVEYOR MACHINERY

Canadian Link-Belt Company, Ltd.  
General Supply Co., of Canada, Ltd.  
Hamilton Company, William  
Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.  
Waterous Engine Works Company

## CORDWOOD

McClung, McLellan & Berry

## COUPLING (Shaft)

Engineering & Machine Works of  
Canada

## CRANES

Hopkins & Co., Ltd., F. H.  
International Land & Lumber Co.  
Canadian Link-Belt Company, Ltd.

## CUTTER HEADS

Shimer Cutter Head Company  
Yates Machine Co., P.B.

## CYPRESS

Maus Lumber Co., Chas. O.  
Wistar, Underhill & Nixon

## DERRICKS AND DERRICK FITTINGS

Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.

## DOORS

Canadian Western Lumber Co.  
Mason, Gordon & Co.  
Terry & Gordon

## DOORS, FIREPROOF

Mussens, Ltd.

## DRAG SAWS

Gerlach Company, Peter  
Hamilton Company, William

## DRY KILNS

Sturtevant, B. F. & Co.

## DUST COLLECTORS

Reed & Co., Geo. W.  
Toronto Blower Company

## EDGERS

Hamilton Company, Ltd., William  
Green Company, G. Walter  
Long Mfg. Company, E.  
Payette Company, P.  
Waterous Engine Works Company  
Yates Machine Co., P.B.

## ELEVATING AND CONVEYING MACHINERY

Canadian Link-Belt Company, Ltd.  
Engineering & Machine Works of  
Canada  
Hamilton Company, William  
Mussens, Ltd.  
Waterous Engine Works Company

## ENGINES

Engineering & Machine Works of  
Canada  
Hamilton Company, William  
Payette Company, P.  
Sylvester Manufacturing Co.  
Waterous Engine Works Company

## EXCELSIOR MACHINERY

Elmira Machinery & Transmission  
Company

## EXHAUST FANS

Sturtevant, B. F. & Co.  
Toronto Blower Company

## EXHAUST SYSTEMS

Reed & Co., Geo. W.  
Toronto Blower Company

## FURNACES

Gates Engineering Co.

## FIBRE BOARD

Manley Chew

## FILES

Disston & Sons, Henry  
Simonds Canada Saw Company

## FIR

Adams River Lumber Co.  
Apex Lumber Co.  
Associated Mills, Limited  
Bainbridge Lumber Company  
Cameron Lumber Co.  
Canadian Western Lumber Co.  
Canfield, P. L.  
Chesbro, R. G.  
Fesserton Timber Co.  
Grier & Sons, Ltd., G. A.  
Knox Brothers  
Mason, Gordon & Co.  
McElroy Lumber Co., Ltd.  
Robertson & Hackett Sawmills  
Rose, McLaurin, Limited  
Terry & Gordon  
Timberland Lumber Company  
Timms, Phillips & Co.  
Underhill Lumber Co.  
Vancouver Lumber Company  
Vanderhoof Lumber Company  
Victoria Lumber & Mfg. Company

## FIRE BRICK

Beveridge Supply Co., Limited  
Elk Fire Brick Company of Canada  
Shell-Bar, Boico Supply Co., Ltd.

## FIRE FIGHTING APPARATUS

Waterous Engine Works Company

## FITTINGS

Crane Limited

## FLOORING

Cameron Lumber Co.  
Chesbro, R. G.  
Long-Bell Lumber Company

## GEARS (Cut)

Smart-Turner Machine Company

## GUARDS (Machinery and Window)

Canada Wire & Iron Goods Co.

## HARDWOODS

Anderson Lumber Company, C. G.  
Anderson, Shreiner & Mawson  
Atlantic Lumber Company  
Black Rock Lumber Co.  
Bury & Co., Robt.  
Cameron & Company  
Clark, Edward & Sons  
Edwards & Co., W. C.  
Fassett Lumber Company, Limited  
Fesserton Timber Co.  
Gillespie, James  
Gloucester Lumber & Trading Co.  
Grier & Sons, Ltd., G. A.  
Hart, Hamilton & Jackson  
Kinnon Lumber Co.  
Knox Brothers  
Mason & Company, Geo.  
Maus Lumber Co., Chas. O.  
McDonagh Lumber Company  
McLennan Lumber Company  
McNeil Lumber Co.  
McLung, McLellan & Berry  
Murphy Lumber Co., Wm. J.  
Pedwell Hardwood Lumber Co.  
W. & J. Sharples  
Spencer, Limited, C. A.  
Summers, James R.

## HARDWOOD FLOORING

Grier & Sons, Ltd., G. A.

## HARNESS

Lamontague, Ltd.

## HEMLOCK

Anderson Lumber Company, C. G.  
Anderson, Shreiner & Mawson  
Bartram & Ball  
Beck, C. Mfg. Co.  
Big Bear Lumber Co.  
Bourgouin, H.  
Canadian General Lumber Company  
Edwards & Co., W. C.  
Fesserton Timber Co.  
Grier & Sons, Ltd., G. A.  
Hocken Lumber Company  
Mason, Gordon & Company  
McCormack Lumber Company  
McDonagh Lumber Company  
McElroy Lumber Co., Ltd.  
Robertson & Hackett Sawmills  
Spencer, Limited, C. A.  
Stalker, Douglas A.  
Sutherland Lumber Co., A. A.  
Terry & Gordon  
Vancouver Lumber Company  
Vanderhoof Lumber Company

## HOISTING AND HAULING ENGINES

General Supply Co., of Canada, Ltd.





SILVER LEAF BRAND PURE LARD  
JEWEL BRAND SHORTENING  
BARRELLED BEEF AND PORK  
FRESH AND FROZEN MEATS  
COOKED AND SMOKED MEATS  
SAUSAGE, SOAP, CANNED GOODS

## Let Him Be the Judge

*and Swift's Products will be his choice*

Old-timers in the lumber camps are keen critics of the food served and many a time have slipped away to another camp because the grub was better. Their preference for Swift's products is thus high tribute to the quality.

But the camp operator must consider other things. Supplies ordered must reach him promptly, in good condition, and without substitution. To ensure him this service, branches have been established from coast to coast, each carrying a very large stock ready for immediate shipment.

Why not take advantage of the perfect facilities offered you by the most up-to-date Packing House in Canada? One order will convince you of the superiority of Swift products and service.

## Swift Canadian Co. Limited

**PLANTS:**—*Toronto, Winnipeg, Edmonton, New Westminster*

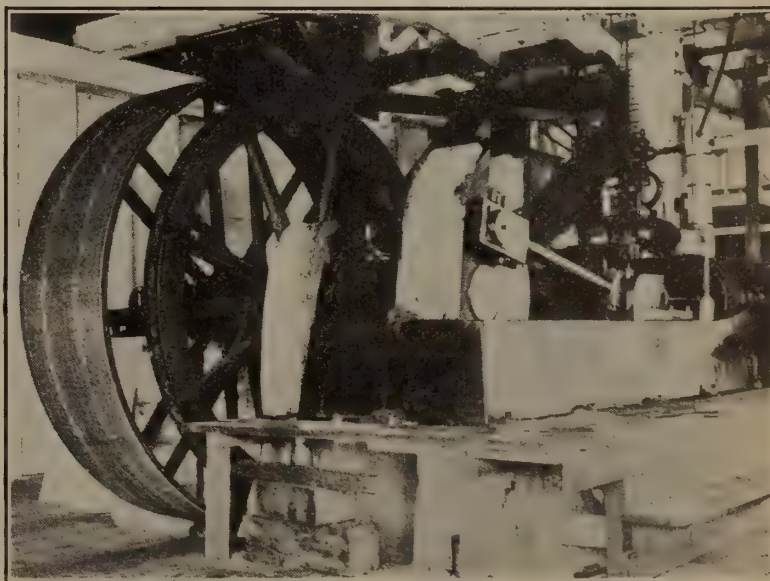
**BRANCHES:**—*Ottawa, Montreal, Quebec, Hamilton, St. Catharines, Fort William*

# For Planing Mill Drives

Its Great Tensile Strength, Unusual Pliability and Powerful Gripping Surface makes Condor Belt especially suitable for Planing Mill Drives. On your order specify "Condor" the Original, Red, Friction Surface Belt.

**Condor**  
**BELT**

The illustration shows a 30 inch, 9 ply, Condor Belt that is giving unusual service on a Planer Mill Main Drive.



## The General Supply Co. of Canada, Limited

*Ottawa Montreal Toronto North Bay Moncton, N.B. Winnipeg Vancouver*  
Large Stocks Carried



Hopkins & Co., Ltd., F. H.  
London Concrete Machinery Co.  
Mussens, Ltd.

#### HOSE

General Supply Co., of Canada, Ltd.  
Gutta Percha & Rubber Company  
Mussens, Ltd.

#### INSURANCE

Hardy & Company, E. D.  
Lumberman's Indemnity Exchange  
Rankin Benedict Underwriting Co.

#### INTERIOR FINISH

Cameron Lumber Company  
Canadian Western Lumber Co.  
Canfield, P. L.  
Eagle Lumber Company  
Mason, Gordon & Co.  
Rose, McLaurin, Limited  
Terry & Gordon

#### KILN DRIED LUMBER

Bury & Co., Robt.

#### KNIVES

Disston & Sons, Henry  
Simonds Canada Saw Company  
Waterous Engine Works Company

#### LAMPS AND LANTERNS

Coleman Lamp Co.  
Mussens, Ltd.

#### LARCH

Otis Staples Lumber Company

#### LATH

Adams River Lumber Co.  
Anderson, Shreiner & Mawson  
Apex Lumber Company  
Austin & Nicholson  
Beck, C. Mfg. Co.  
Brennen & Sons  
Cameron Lumber Company  
Canadian General Lumber Company  
Carew Lumber Company, John  
Chaleurs Bay Mills

Dadson, A. T.  
Eagle Lumber Company  
Fassett Lumber Company, Limited  
Foley Lumber Company  
Fraser Bryson Lumber Co., Ltd.

Gloucester Lumber & Trading Co.  
Greig Morris Ltd.  
Grier & Sons, Ltd., G. A.  
Harris Tie & Timber Company, Ltd.  
Larkin Company, C. A.  
Mason & Company, Geo.  
McLennan Lumber Company  
Miller, W. H. Company  
New Ontario Colonization Company  
Otis Staples Lumber Company  
Power Lumber Company  
Shevlin-Clarke Company  
Terry & Gordon  
U. G. G. Sawmills, Limited  
Victoria Harbor Lumber Company

#### LATH BOLTERS

General Supply Co. of Canada, Ltd.  
Hamilton Company, William  
Payette & Company, P.

#### LOCOMOTIVES

Engineering & Machine Works of  
Canada  
General Supply Co. of Canada, Ltd.  
Hopkins & Co., Ltd., F. H.  
Climax Manufacturing Company  
Montreal Locomotive Works  
Mussens, Ltd.

#### LINK-BELT

Canadian Link-Belt Company  
Hamilton Company, William

#### LOCOMOTIVE CRANES

Canadian Link-Belt Company  
Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.

#### LOGGING ENGINES

Engineering & Machine Works of  
Canada

Hopkins & Co., Ltd., F. H.  
Mussens Limited

#### LOG HAULER

Engineering & Machine Works of  
Canada  
Green Company, G. Walter  
Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.  
Payette & Company, P.

#### LOGGING MACHINERY AND EQUIPMENT

Fleming & MacLeary  
General Supply Co. of Canada, Ltd.  
Hamilton Company, William  
Hopkins & Co., Ltd., F. H.  
Payette & Company, P.  
Smith Foundry Co.  
Sylvester Manufacturing Co.  
Waterous Engine Works Company  
West, Peachey & Sons  
Mussens Limited

#### LUMBER DRY KILNS

Sturtevant, B. F. & Co.

#### LUMBER EXPORTS

Fletcher Corporation

#### LUMBER TRUCKS

Hamilton Company, William  
Mussens, Ltd.  
Waterous Engine Works Company

#### LUMBERMEN'S BOATS

Adams Engine Company  
Gidley Boat Company  
West, Peachey & Sons

#### MATTRESSES

Simmons Limited

#### MILL PIPING

Neville-Cooper Co.

#### MOTORS

Sturtevant, B. F. & Co.

#### NAILING MACHINES

Yates Machine Co., P.B.

#### OAK

Long-Bell Lumber Company  
Maus Lumber Co., Chas. O.

#### PACKING

Beveridge Supply Company  
Gutta Percha & Rubber Company

#### PANELS

Bury & Company, Robt.

#### PAPER

Beveridge Supply Company

#### PINE

Adams River Lumber Co.  
Anderson Lumber Company, C. G.  
Anderson, Shreiner & Mawson  
Atlantic Lumber Company  
Austin & Nicholson  
Beck, C. Mfg. Co.  
Big Bear Lumber Co.  
Black Rock Lumber Co.  
Cameron Lumber Company  
Canadian General Lumber Company  
Canadian Western Lumber Co.  
Canfield, P. L.  
Chesbro, R. G.  
Cleveland-Sarnia Sawmills Company  
Cox, Long & Company  
Dadson, A. T.  
Dudley, Arthur N.  
Eagle Lumber Company  
Edwards & Co., W. C.  
Excelsior Lumber Company  
Fesserton Timber Co.  
Fraser Bryson Lumber Co., Ltd.  
Gillies Bros, Limited  
Gloucester Lumber & Trading Co.  
Gordon & Company, George  
Goodday & Company, H. R.  
Greig Morris Ltd.  
Grier & Sons, Ltd., G. A.  
Harris Tie & Timber Company, Ltd.  
Hettler Lumber Co., Herman H.  
Hocken Lumber Company  
Julien, Roch  
Lloyd, W. Y.  
Loggie Company, W. S.  
Long-Bell Lumber Company  
Mason, Gordon & Co.  
Mason & Company, Geo.

# FIRE BRICK AND CLAY

We make several brands of fire brick by every known process of manufacture from a selection of various high grade Pennsylvania clays. This enables us to furnish the best for your boilers, dutch ovens, refuse burners, kilns, etc. We specialize in fire brick for power plants and if you will advise us whether your boilers are hand fired or stoker fired and kind of fuel used we can then give you the proper brick for your work.

We carry a large stock of our different brands in various sizes and shapes in our Hamilton warehouse which enables us to ship at once.

We manufacture the following well-known brands:

**"Elkco Special," "Elk Steel,"  
"St. Marys," "Keystone" and "M.D. Elk"**

Write for copy of our catalogue,

**Elk Fire Brick Co. of Canada, Ltd.**

HIGH GRADE FIRE BRICK and CLAY

**Sun Life Bldg., Hamilton, Canada**

Representatives for Maritime Provinces:

**RHODES, CURRY COMPANY, Ltd., Head Office, AMHERST, N.S.**  
Branches at Sydney and New Glasgow, N. S.



## Put your problem up to us

We are specialists in building locomotives. We build all types and sizes, also all kinds of repair parts for locomotives and tenders.

Our experience puts us in a position to give you expert advice as to what particular type and size of locomotive is best suited to your needs.

**Put Your Locomotive Problem  
up to us.**

**Montreal Locomotive Works**

Limited

**Dominion Express Building, : Montreal, Canada**



# Grant-Holden-Graham

Limited

*Manufacturing Wholesalers and Importers*

Ottawa

147-151 Albert Street

Canada

## CLOTHING

The man in the bush needs the best clothing possible and that is the kind we strive to produce. G.H.G clothing is made by highly skilled workmen using the best quality materials only. Our **DURABIL MACKINAWS** are immensely popular with lumbermen who have worn them and we believe they set a new standard for this type of clothing.

Get our prices on Mitts, Gloves, Caps, Moccasins, Rubber Footwear, Snow shoes, Sweaters, Overalls, Bedding, etc.

## TENTS

Repeilent Brand duck tents are absolutely weather and mildew proof. They are strong, durable and comfortable—the ideal tent for those who work or play in the out-o'-doors.

Repellent Brand duck is also used in manufacturing horse covers, tarpaulins, wagon covers and wherever a durable canvas is required.

We also manufacture feather-weight silk tents and regular duck tents of double and twisted yarns.



## Non-freezing, non-souring milk

**Y**OU can have fresh milk in camp—without any freezing, souring or spoiling troubles—by using Canadian Milk Products Powdered Milk. It comes to you in convenient sized drums and remains fresh and pure for months.

It neither loses its original flavor nor is any ingredient added to change its taste. It is simply pure cow's milk—either whole or skimmed, as you may order—with the water withdrawn. You simply put the water back and you have fresh milk.

### TRUMILK

Powdered whole milk — in 45 and 90 lb. drums. Order direct from us.

### KLIM

(Hotel size)

Powdered skimmed milk—in 10 lb. cans. Order from your jobber.

### MILKSTOCK

Powdered skimmed milk — in 50 and 100 lb. drums. Order from your jobber or direct from us.

*Samples and literature gladly sent on request.*

### CANADIAN MILK PRODUCTS LIMITED

347 Adelaide St. W., Toronto, Ont.

319 Craig Street, W.  
Montreal, Que.

428 Main Street  
Winnipeg, Man.

British Columbia Distributors: Kirkland & Rose, 130 Water Street, Vancouver





McCormack Lumber Company  
McFadden & Malloy  
McLennan Lumber Company  
Montreal Lumber Company  
Muir & Kirkpatrick  
Northern Lumber Mills  
Otis Staples Lumber Company  
Parry Sound Lumber Company  
P. Q. Lumber Co.  
Rolland Lumber Company  
W. & J. Sharples  
Shevlin-Clarke Company  
Spencer, Limited, C. A.  
Stalker, Douglas A.  
Summers, James R.  
Terry & Gordon  
Victoria Harbor Lumber Company  
Watson & Todd, Limited

**PLANING MILL EXHAUSTERS**  
Toronto Blower Company  
Sturtevant, B. F. & Co.

**PLANING MILL FANS (Reversible)**  
Mussens, Ltd.

**PLANING MILL MACHINERY**  
Mershon & Company, W. B.  
Toronto Blower Company  
Yates Machine Company, P. B.

**POPLAR**  
Keewatin Lumber Co.

**PORTABLE SAWMILLS**  
Brady Machinery Co.

**POST GRINDERS**  
Smith Foundry Company

**POSTS AND POLES**  
Anderson, Shreiner & Mawson  
Canadian Tie & Lumber Co.  
Eagle Lumber Company  
Harris Tie & Timber Company, Ltd.  
Long-Bell Lumber Company  
Mason, Gordon & Co.  
McLennan Lumber Company  
Terry & Gordon

**PULLEYS AND SHAFTING**  
Bernard Industrial Co., The A.  
Canadian Link-Belt Company  
General Supply Co. of Canada, Ltd.  
Green Company, G. Walter  
Engineering & Machine Works of Canada  
Hamilton Company, William  
McLaren, D. K. Ltd.  
Williams Machinery Co., A. R.

**PULP MILL MACHINERY**  
Canadian Link-Belt Company  
Engineering & Machine Works of Canada  
Hamilton Company, William  
Payette & Company, P.  
Waterous Engine Works Company  
Williams Machinery Co., A. R.

**PULPWOOD**  
British & Foreign Agencies  
D'Auteuil Lumber Company  
Price Bros. & Company  
Scott, Draper & Company

**PUMPS**  
Engineering & Machine Works of Canada  
General Supply Co. of Canada, Ltd.  
Hamilton Company, William  
Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.  
Smart-Turner Machine Company  
Waterous Engine Works Company

**PLANING MILL EXHAUSTERS**  
(Steel Plate)  
Sturtevant, B. F. & Co.

**RAILS**  
Gartshore, John J.  
Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.

**ROOFINGS**  
(Rubber, Plastic and Liquid)  
Beveridge Supply Company  
Reed & Co., Geo. W.

**RUBBER GOODS**  
Dunlop Tire & Rubber Goods Co.  
Gutta Percha & Rubber Company

**SAWS**  
Atkins & Company, E. C.

Disston & Sons, Henry  
General Supply Co. of Canada, Ltd.  
Gerlach Company, Peter  
Green Company, G. Walter  
Hoe & Company, R.  
Radcliff Saw Mfg. Company  
Shurly Company, Ltd., T. F.  
Shurly-Dietrich Company  
Simonds Canada Saw Company

**SAW GRINDERS**  
Smith Foundry Company

**SAW MILL LINK-BELT**  
Canadian Link-Belt Company

**SAW MILL MACHINERY**  
Brady Machinery Co.  
Canadian Link-Belt Company  
Clark Bros. Co.  
General Supply Co. of Canada, Ltd.  
G. Walter Green Company, Ltd.  
Hamilton Company, William  
La Compagnie Manufacture, F. X. Bertrand  
Long Mfg. Company, E.  
Mershon & Company, W. B.  
Parry Sound Lumber Company  
Payette & Company, P.  
Waterous Engine Works Company  
Yates Machine Company, P. B.

**SAW SHARPENERS**  
Hamilton Company, William  
Waterous Engine Works Company

**SAW SLASHERS**  
Hamilton Company, William  
Payette & Company, P.  
Waterous Engine Works Company

**SHINGLES**  
Apex Lumber Company  
Associated Mills, Limited  
Cameron Lumber Company  
Campbell-McLaurin Lumber Co.  
Canadian Western Lumber Co.  
Carew Lumber Company, John  
Chaleurs Bay Mills  
Chesbro, R. G.  
D'Auteuil Lumber Company  
Eagle Lumber Company  
Fraser, Companies Limited  
Gillespie, James  
Gloucester Lumber & Trading Co.  
Grier & Sons, Ltd., G. A.  
Harris Tie & Timber Co., Ltd.  
Mason, Gordon & Co.  
McLennan Lumber Company  
McNeil Lumber Co.  
Miller Company, Ltd., W. H.  
Rose, McLaurin, Limited  
Snowball & Co., J. B.  
Stalker, Douglas A.  
Terry & Gordon  
Timms, Phillips & Company  
Vancouver Lumber Company  
Vanderhoof Lumber Company

**SHINGLE & LATH MACHINERY**  
Green Company, C. Walter  
Hamilton Company, William  
Long Manufacturing Company, E.  
Payette & Company, P.  
Smith Foundry Company

**SILENT CHAIN DRIVES**  
Canadian Link-Belt Company

**SLEEPING EQUIPMENT**  
Simmons Limited

**SLEEPING ROBES**  
Woods Mfg. Company, Ltd.

**SMOKESTACKS**  
Hamilton Company, William  
Neville-Cooper Co.  
Reed & Co., Geo. W.  
Waterous Engine Works Company

**SNOW PLOWS**  
Pink & Company, Thomas

**SPARK ARRESTORS**  
Reed & Company, Geo. W.  
Waterous Engine Works Company

**SPRUCE**  
Adams River Lumber Co.  
Anderson, Shreiner & Mawson  
Big Bear Lumber Co.  
Cameron Lumber Company

Campbell, McLaurin Lumber Co.  
Canadian Western Lumber Co.  
Chesbro, R. G.  
Coburn Lumber Co.  
Cox, Long & Company  
Dadson, A. T.  
Dudley Arthur N.  
Fassett Lumber Company, Ltd.  
Fraser, Companies Limited  
Fraser Bryson Lumber Co., Ltd.  
Gillies Brothers  
Gloucester Lumber & Trading Co.  
Goodday & Company, H. R.  
Gravel Lumber Co.  
Greig Morris Ltd.  
Grier & Sons, Ltd G. A.  
Harris Lumber Co., Frank H.  
Hocken Lumber Company  
International Land & Lumber Co.  
Julien, Roch  
Larkin Co., C. A.  
Lloyd, W. Y.  
Loggie Co., W. S.  
Mason, Gordon & Co.  
McCormack Lumber Co.  
McDonagh Lumber Co.  
McElroy Lumber Co., Ltd.  
McLennan Lumber Company  
Muir & Kirkpatrick  
New Ontario Colonization Co.  
Northern Lumber Mills  
Power Lumber Co.  
P. Q. Lumber Co.  
Rolland Lumber Co.  
Rose, McLaurin, Limited  
Spencer, Limited, C. A.  
Sutherland Lumber Co., A. A.  
Terry & Gordon  
U. G. G. Sawmills, Limited  
Vanderhoof Lumber Company

**STEAM ENGINES**  
Lamontague, Ltd.

**STEAM SHOVELS**  
Hopkins & Co., Ltd., F. H.

**STEEL CHAIN**  
Canadian Link-Belt Company  
Hopkins & Co., Ltd., F. H.  
Waterous Engine Works Company

**STEAM PLANT ACCESSORIES**  
Waterous Engine Works Company

**STEEL BARRELS**  
Smart-Turner Machine Company

**STEEL DRUMS**  
Smart-Turner Machine Company

**TARPAULINS**  
Turner & Sons, J. J.  
Woods Manufacturing Company Ltd.

**TANKS**  
Hopkins & Co., Ltd., F. H.  
Horton Steel Works

**TENTS**  
Turner & Sons, J. J.  
Woods Mfg. Company

**TIES**  
Austin & Nicholson  
Carew Lumber Co., John  
Canadian Tie & Lumber Co.  
Chaleurs Bay Mills  
D'Auteuil Lumber Co.  
Gloucester Lumber & Trading Co.  
Harris Tie & Timber Company Ltd.  
International Land & Lumber Co.  
McLennan Lumber Company  
McNeil Lumber Co.  
Miller, W. H. Co.  
Scott, Draper & Co.  
Terry & Gordon

**TIMBER BROKERS**  
Cant & Kemp  
Farnworth & Jardine  
Wright, Graham & Co.

**TIMBER CRUISERS AND ESTIMATORS**  
Savage & Bartlett.  
Sewell, James W.

**TIMBER LANDS**  
Department of Lands & Forests, Ont.

**TOWING MACHINES**  
Payette & Company, P.  
West, Peachey & Sons

## TRACTORS

Holt Manufacturing Company  
Hopkins & Co., Ltd., F. H.  
Mussens Limited

## TRAILERS

Dominion Truck Equipment Co.  
Mussens, Ltd.  
Sylvester Manufacturing Co.

## TRANSMISSION MACHINERY

Canadian Link-Belt Company  
Engineering & Machine Works of Canada  
General Supply Co. of Canada, Ltd.  
Grand Rapids Vapor Kiln  
Hamilton Company, William  
Kennedy, Wm. & Sons  
Waterous Engine Works Co.

## TRUCKS

Tudhope Anderson Co.

## TRUCK UNITS

Dominion Truck Equipment Co.

## TURBINES

Engineering & Machine Works of Canada  
Hamilton Company, William

## TURBO UNDERGRATE BLOWERS

Sturtevant, B. F. & Co.

## VALVES

Crane, Limited

## VAPOR KILNS

Grand Rapids Vapor Kiln

## VENEERS

Bury & Co. Robt.

## VENEER DRYERS

Coe Manufacturing Company

## VENEER MACHINERY

Coe Manufacturing Company

## VETERINARY REMEDIES

Dr. Bell Veterinary Wonder Co.  
Johnson, A. H.

## WARPING TUGS

West, Peachey & Sons

## WATER WHEELS

Engineering & Machine Works of Canada  
Hamilton Company, William

## WIRE

Canada Metal Co.  
Laidlaw Bale Tie Company  
Canada Wire & Iron Goods Co.

## WIRE CLOTH

Canada Wire & Iron Goods Co.

## WIRE ROPE

Canada Wire & Iron Goods Co.  
Hopkins & Co., Ltd., F. H.  
Dominion Wire Rope Co.  
Greening Wire Co., B.  
Mussens, Ltd.

## WOODWORKING MACHINERY

General Supply Co., of Canada, Ltd.  
Long Manufacturing Company, E.  
Mershon & Company, W. B.  
Waterous Engine Works Co.  
Yates Machine Company, P. B.

## WOOD PRESERVATIVES

Beveridge Supply Company  
Austin & Nicholson  
New Ontario Colonization Company  
Power Lumber Co.

## WOOD PULP

Austin & Nicholson  
New Ontario Colonization Co.  
Power Lumber Co.





# THE LINN LOGGING TRACTOR

The Canadian Logger has evidenced his appreciation of the value of the Linn Logging Tractor for log haulage.

This winter the Linn Logging Tractors will be found operating as far East as Newfoundland and as far West as the Port Arthur District, and as far North as Cobalt.

It is our hope that every Canadian Logger will this winter avail himself of the opportunity to see Linn Logging Tractors in operation during the haul.

As Linn Logging Tractors will be in operation this winter within easy reach of every locality in Ontario, Quebec and Newfoundland, any operator will be able to see a Linn Logging Tractor operation without loss of much time from his own operation.

We will gladly supply any interested operators with the name of his nearest neighbor who is using Linn Equipment.

—Logging Department—

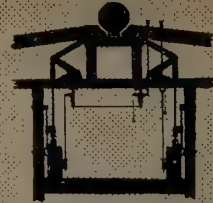
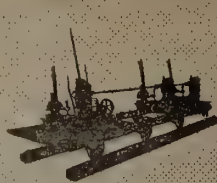
## MUSSENS LIMITED

Dubrue Building

Philips Place

Montreal



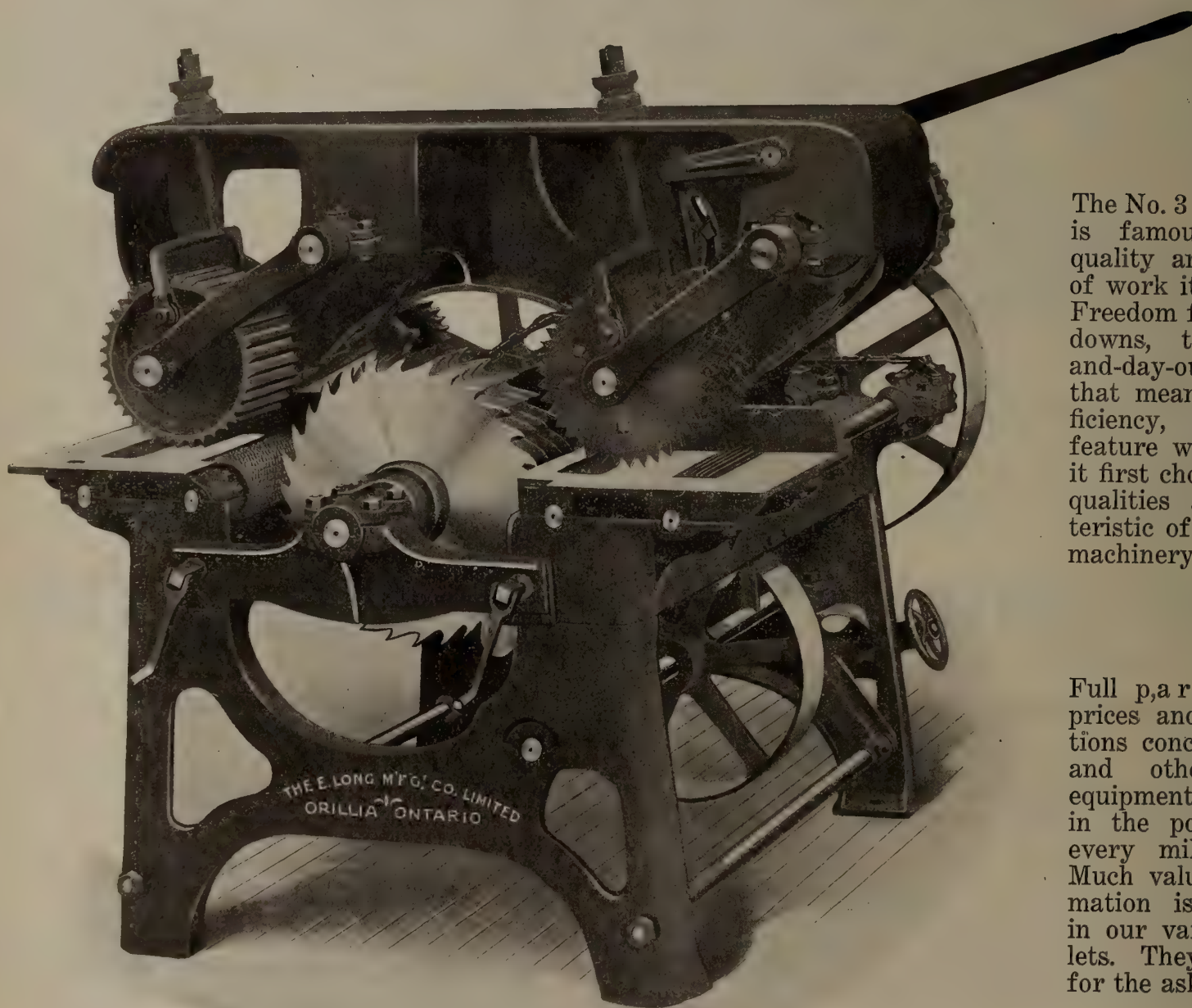


LUMBERMEN'S



EQUIPMENT

# Standardize on "Long" Machinery NO. 3 LATH BOLTER



The No. 3 Lath Bolter is famous for the quality and quantity of work it turns out. Freedom from break-downs, the day-in-and-day-out service that means high efficiency, is another feature which makes it first choice. These qualities are characteristic of all "Long" machinery.

Full particulars prices and specifications concerning this and other "Long" equipment should be in the possession of every mill operator. Much valuable information is contained in our various booklets. They are yours for the asking.

## The E. Long Manufacturing Co., Limited

Orillia Canada

A. R. Williams Machinery Co.,  
Vancouver and Winnipeg

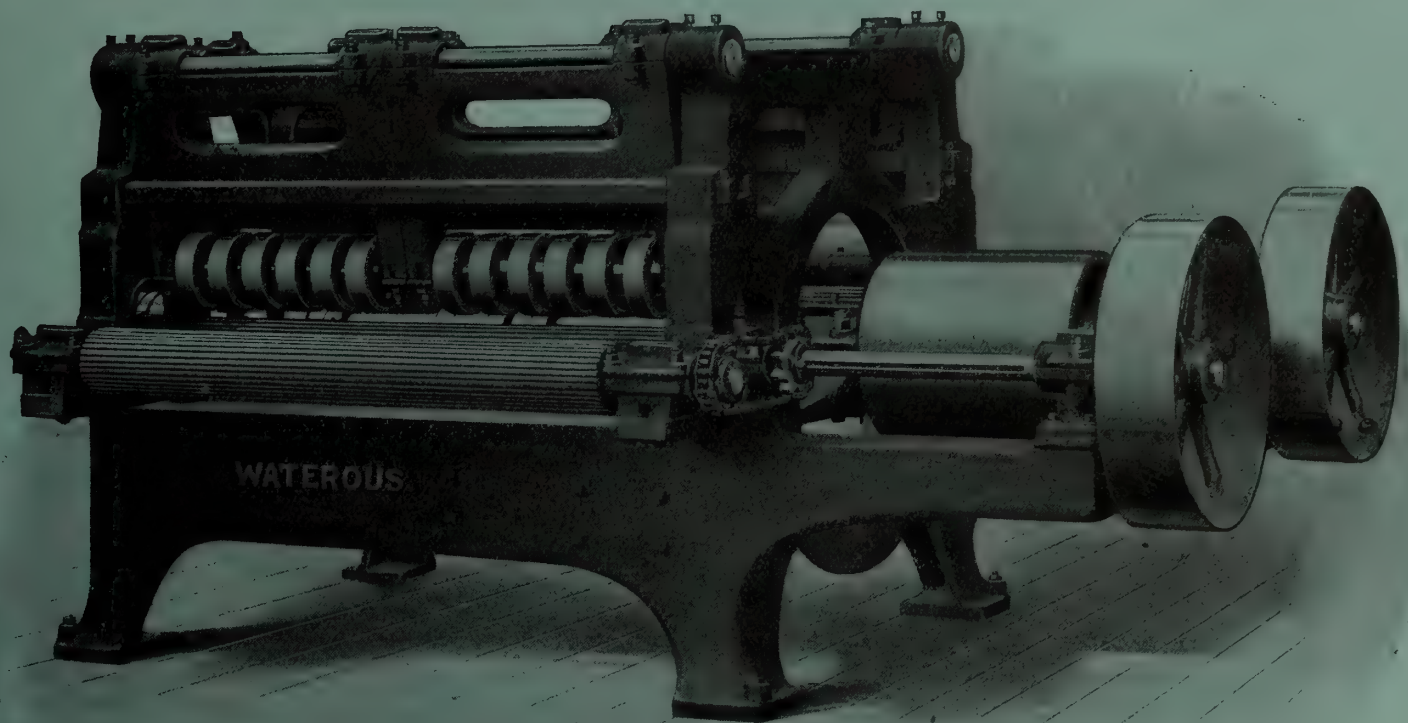


Gormans, Ltd. Calgary and Edmonton  
Williams & Wilson, Ltd., Montreal



# Waterous

BRANTFORD, ONTARIO, CANADA



**T**HE WATEROUS EDGER has the stable investment value that only a well built machine can give. It returns a steady profit to its owner. It operates at low cost. It serves through year after year and is always the same reliable capable Edger.

The sturdy and trouble-free performance which has made the WATEROUS EDGER the recognized means of obtaining better lumber at lower cost is a definite product of WATEROUS design, materials and manufacture. The WATEROUS provision for accurate rating of the Edger to its work is additional guarantee of such performance.

As an example of the regard in which WATEROUS Edgers are held by the Saw Mill men of Canada, take the fact that there are upwards of 300 WATEROUS Edgers now at work, and that many of these are repeat orders.

These repeat orders are the best proof we have of the satisfaction that these Edgers are giving.

## The Waterous Engine Works Co., Ltd.

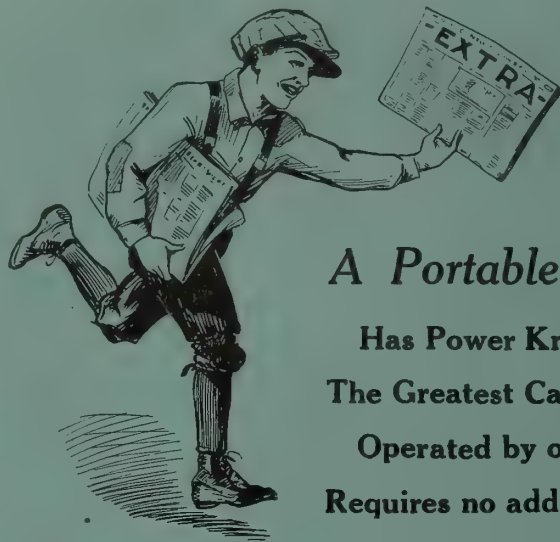
Brantford, Canada

AGENCY—Molson's Bank Bldg., Vancouver, B.C.

BRANCH—Winnipeg, Man.



# EXTRA



*Cadillac*  
404  
PATENTED

## A Portable Sawmill—

Has Power Knees and Dogs.

The Greatest Capacity of any mill on earth.

Operated by one man.

Requires no additional power.

**T**HIS Portable Sawmill is designed especially to handle short logs, veneer cores, etc., working them up into good marketable stock, railroad ties, box lumber, dimension stock, cooperage stock, etc.

To insure reasonable deliveries we are putting forth maximum efforts towards increased production. Let us have your enquiries now.

## BRADY MACHINERY COMPANY

Traverse City, Mich.



Cadillac, Mich.

Manufacturers of  
Portable Sawmill Machinery

General Offices:  
Traverse City, Mich.  
U. S. A.

Machine Shops and Foundries:  
Cadillac, Mich.  
U. S. A.



# Canada Lumberman

founded 1880

NEW AND USED  
**MACHINERY**  
H.W. PETRIE, LTD.  
TORONTO

## FIRE INSURANCE

Unequalled Facilities  
Protection + Service + Saving  
TO  
Lumbermen

**E. D. HARDY & CO.**  
BOOTH BLDG: OTTAWA, ONT.



## "STERLING WATERPROOF"

Is Guaranteed to give Satisfaction and will Save You Money particularly on Heavy Duty and High Speed Drives

**McARTHUR BELTINGS Limited**  
BROCKVILLE, ONT., CAN.

*Samples, Price Lists and Discounts will be Gladly Sent You upon Request*

Here it is!



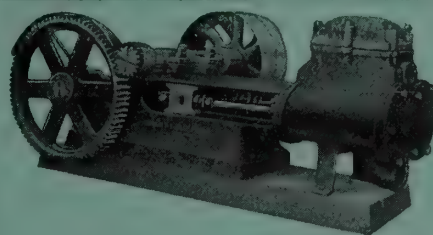
### The Handiest Lumber Truck Ever Made

Just what you need for the lumber yard—a TUDHOPE-ANDERSON DETACHABLE LUMBER TRUCK.

Note these features: The wide-tired steel wheels cannot come off whether going forward or back. Axles (13 1/4") are high quality square steel. Tires are 4 1/2" wide. If wheel spokes become bent or broken they can be replaced—an exclusive feature of Tudhope-Anderson trucks. Wood parts are best oak, air seasoned and kiln dried, well ironed and strongly braced.

*Get our prices.*

**Tudhope-Anderson Co., Ltd.,** Orillia, Ont.



For Long Service  
and  
Minimum Repair Bills

### Try Smart-Turner Pumps

**The Smart-Turner Machine Company, Limited**  
Hamilton, Canada

### Quantity Production Lowers Manufacturing Costs

The demand for a medium priced—high-class motor boat has resulted in GIDLEYFORD sales far in excess of expectations. The Gidley organization is able to concentrate on quantity production on an unheard of scale, with the logical result—lower production costs.

This enables us to sell the GIDLEYFORD at a greatly reduced price, and we will maintain the quality that is represented by the combined names of Gidley and Ford.

GIDLEYFORDS will be allocated as orders are received and shipping dates arranged.

Price reduced to \$1250. F.O.B. rail or water, Penetang, Ontario. In Canada, Sales Tax extra.

**1923 Price—\$1250**

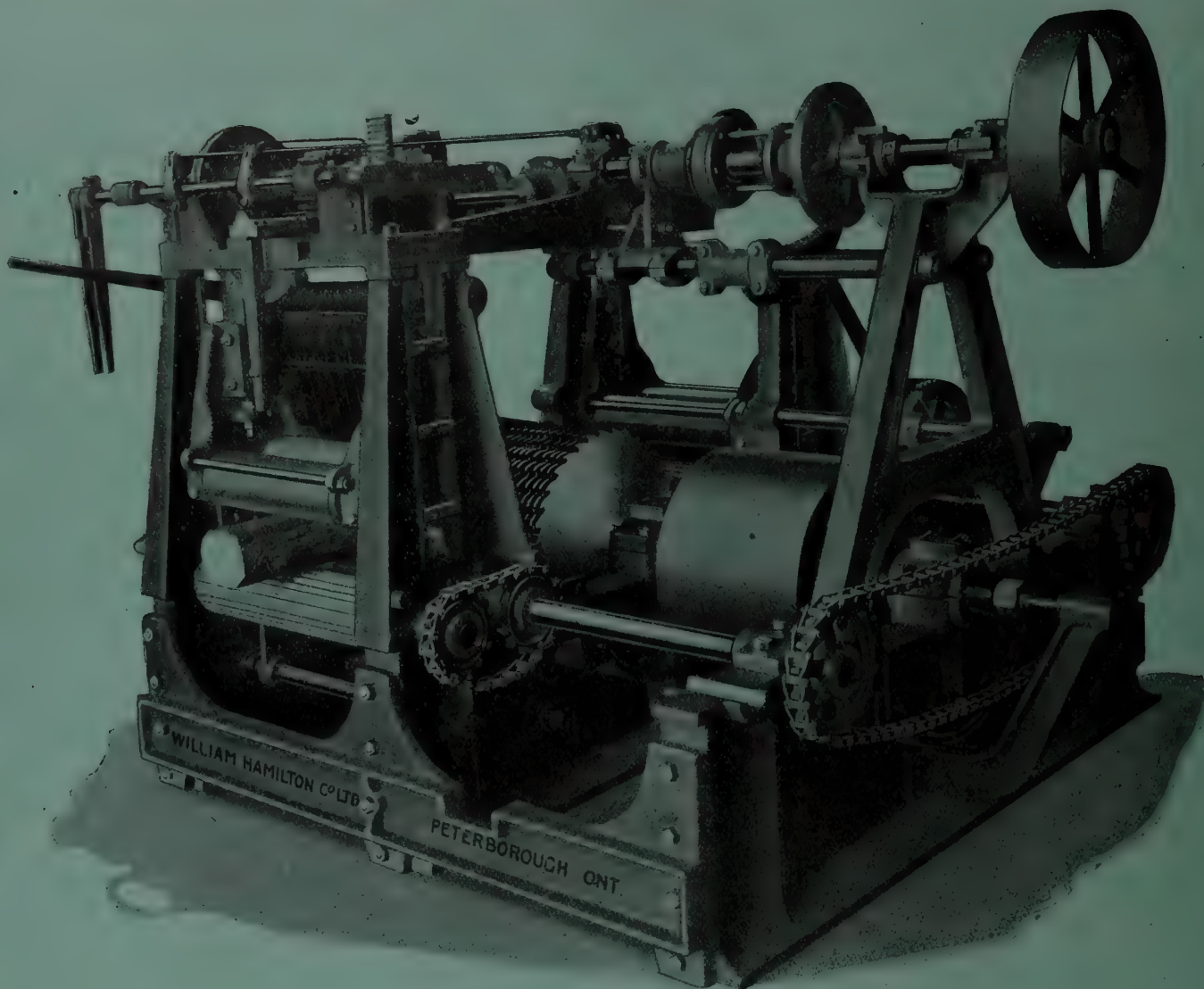


GIDLEY BOAT COMPANY, LIMITED, PENETANG, ONTARIO



# "Kendall" Gang Circular

The Machine that will convert your small logs into more and better lumber quicker than ever before



This illustration shows the latest design of 12" "Kendall" gang circular which takes 21-36" saws No. 10 gauge and cuts cants up to 12" in thickness. Like the other models it has a hollow mandrel 5-3/16" diameter, and water cooled saws. Each saw has a separate guide easily accessible and readily adjustable and the end bridge-tree is so designed that it swings back out of place for changing saws. As can be seen from the cut the feed, which is variable, is driven independent of the mandrel and the press rolls are steam operated. Feed rolls are 36" long—drive pulley 30 x 22", floor space 9'-0" x 11'-0".

We have no hesitation in saying that this gang circular cuts lumber absolutely the smoothest and truest to size of any machine on the market today.

These machines are made in the following sizes:  
 26" Saws for 8" Cants using weight press rolls.  
 32" Saws for 10" Cants using steam press rolls.  
 36" Saws for 12" Cants using steam press rolls.

We also make a complete line of twin circulars with either chain, rope or steam feed for slabbing logs for these machines.

CONSULT US FOR ANY OF YOUR SAWMILL NEEDS

## William Hamilton Co., Limited

Agents: J. L. Neilson & Co., Winnipeg, Man.

Peterboro, Ontario

E. G. Blackwell, 65 Davis Chambers, Vancouver, B.C.



# **Knox Brothers, Limited**

Head Office:  
512-513 Drummond Building, Montreal, Que.



Lumber discharging at our dock, Montreal

*We are Specialists in British Columbia Forest Products*

**We Handle  
The Best in the West**

If you are interested in Western stock send us your inquiries. We can make quick shipments from our Montreal stock.



# Dry Hemlock Ready for Immediate Shipment

50,000'	2 x 6	—	8/16	No. 1 Hemlock.
80,000'	2 x 8	—	"	" "
50,000'	2 x 10	—	"	" "
28,000'	2 x 12	—	"	" "
50,000'	2 x 4/up		"	" "
135,000'	1 x 4/up		"	" "
82,000'	2 x 4/up	6/16		No. 2 Hemlock.
66,000'	1 x 4/up		"	" "

## HOCKEN LUMBER CO., LTD.

626 Confederation Life Bldg.

TORONTO Main 3153

## SOUTHERN HARDWOODS Dry Stock at Buffalo for Quick Shipment

WHITE ASH				TENNESSEE SCENTED CEDAR				QUARTERED SAP GUM				QUARTERED WHITE OAK					
	1 & 2	Clear Strips	No. 1	No. 2	1 in.—26,200	1 1/4 in.—1,800			1 & 2	No. 1C	No. 2C		1 & 2	Clear Strips	No. 1	No. 2	
3/4 in.	2,000	.....	1,500	2,500				4/4	.....	1,800	.....	1/2 in.	6,100	.....	.....	.....	
1 in.	160,000	15,900	44,000	76,000				5/4	.....	14,000	.....	3/4 in.	3,900	.....	6,300	3,000	
1 1/4 in.	49,000	5,000	78,000	5,000				8/4	.....	34,000	20,800	300	5/8 in.	2,800	700	800	
1 1/2 in.	41,000	11,500	72,000	2,500	1 in.	1 & 2	No. 1	10/4	.....	8,000	.....	1 in.	44,000	5,300	41,000	1,700	
2 in.	88,500	900	122,000	65,000	1 1/4 in.	94,000	123,000	12/4	.....	300	.....	1 1/4 in.	13,000	14,300	28,000	1,800	
2 1/2 in.	119,000	.....	29,000	43,600	1 1/2 in.	29,000	23,000					1 1/2 in.	7,000	500	2,500	.....	
3 in.	14,000	.....	5,000	45,000	2 in.	24,000	48,000					2 in.	5,500	.....	23,000	5,700	
4 in.	116,000	.....	28,000	6,500		4,000	7,300					2 1/2 in.	1,000	.....	.....	.....	
CHERRY				FIGURED RED GUM				PLAIN RED OAK				HICKORY					
	1 & 2	Clear Strips	No. 1	No. 2	1 in. <th>1 &amp; 2</th> <th>No. 1C</th> <th></th> <th>1 &amp; 2</th> <th>No. 1</th> <th>No. 2</th> <th></th> <th>1 &amp; 2</th> <th>No. 1</th> <th>No. 2</th> <th>No. 3</th>	1 & 2	No. 1C		1 & 2	No. 1	No. 2		1 & 2	No. 1	No. 2	No. 3	
1 in.	48,000	5,000	112,000	200,000	1 1/4 in.	.....	18,000	3/4 in.	70,000	202,000	1,800	9,000	1 in.	1,100	6,000	1,000	
1 1/4 in.	19,000	.....	1,000	11,000	1 1/2 in.	.....	3,000	5/8 in.	74,000	21,600	2,000	2,000	1 1/4 in.	1,100	1,700	2,150	
1 1/2 in.	6,200	.....	28,000	82,000	8/4	.....	700	1 1/4 in.	90,000	6,000	50,000	500	1 1/2 in.	41,000	45,000	9,000	
2 in.	7,000	.....	25,000	63,000		1,000	200	1 1/2 in.	36,000	54,000	5,000	1,100	2 in.	9,200	24,000	17,200	
2 1/2 in.	4,500	.....	4,300	3,000				2 in.	40,000	47,200	4,000	500	2 1/2 in.	3,000	13,000	5,700	
3 in.	21,700	.....	6,500	4,000				2 1/2 in.	44,000	121,000	26,000	5,000	3 in.	8,580	7,200	1,700	
4 in.	4,300	.....	900	.....				3 in.	1,500	1,400	.....	.....	4 in.	400	375	.....	
CHESTNUT				QUARTERED RED GUM				PLAIN WHITE OAK				BLACK WALNUT					
	1 & 2	Clear Strips	No. 1	No. 2	1 & 2	No. 1C	No. 2C		1 & 2	No. 1	No. 2	No. 3		1 & 2	No. 1	No. 2	No. 3
3/4 in.	1,600	.....	3,000	.....	1 in.	27,000	37,000	5/8 in.	108,000	237,000	15,900	3,000	1 in.	19,000	21,000	20,000	3,000
1 in.	136,000	7,000	196,000	44,000	1 1/4 in.	22,000	36,000	1 1/4 in.	63,000	25,000	16,200	78,000	1 1/4 in.	300	3,600	3,600	1,600
1 1/4 in.	26,000	800	28,000	.....	1 1/2 in.	16,000	49,000	1 1/2 in.	55,000	2,600	.....	.....	1 1/2 in.	600	700	500	.....
1 1/2 in.	24,700	2,600	86,000	42,000	2 in.	5,100	2,400	2 in.	26,000	54,000	7,000	6,000	2 in.	1,900	4,000	3,000	200
2 in.	11,000	.....	22,000	40,000				2 1/4 in.	3,200	3,200	.....	.....	2 1/2 in.	.....	200	.....	.....
2 1/2 in.	3,000	.....	.....	.....				2 1/2 in.	117,000	45,000	2,000	1,800	3 in.	200	200	330	.....
3 in.	1,300	.....	.....	.....				3 in.	10,000	41,000	2,400	600	4 in.	.....	500	1,200	.....
4 in.	1,500	.....	300	.....				3 1/2 in.	4,500	5,000	.....	.....					.....
CYPRESS				POPLAR				QUARTERED RED OAK				BASSWOOD					
	1 & 2	Select Shop	No. 1	No. 2	1 & 2	No. 1	Bright Saps		1 & 2	Clear Strips	No. 1	No. 2		1 & 2	Clear Strips	No. 1	No. 2
3/4 in.	500	1,100	1,500	200	3/4 in.	18" & up	1 & 2	5/8 in.	26,000	17,800	.....	.....	1 in.	156,000	2,600	93,000	67,000
1 in.	54,000	116,000	72,000	4,500	1 in.	1,500	43,000	1 in.	1,700	5,700	500	500	1 1/4 in.	114,000	7,000	141,000	61,000
1 1/4 in.	75,000	16,300	5,000	1,200	1 1/4 in.	1,100	75,000	1 1/4 in.	9,200	9,000	1,400	1,400	1 1/2 in.	83,000	2,600	22,000	10,000
1 1/2 in.	142,000	56,000	2,600	1,800	1 1/2 in.	2,300	5,000	1 1/2 in.	5,900	900	.....	.....	2 in.	64,500	.....	11,000	27,000
2 in.	78,000	52,000	25,900	1,000	2 in.	6,300	12,000	2 in.	.....	.....	.....	.....	9/4 in.	5,200	.....	2,500	900
2 1/2 in.	22,000	9,900	4,700	800	2 1/2 in.	14,300	5,000	2 1/2 in.	.....	.....	.....	.....	2 1/2 in.	55,000	.....	6,600	13,000
3 in.	15,000	21,000	20,000	2,500	3 in.	4,000	400	3 in.	.....	.....	.....	.....	3 in.	8,000	.....	1,500	4,000
4 in.	9,200	5,000	4,000	350	4 in.	2,000	21,000	4 in.	.....	.....	.....	.....	4 in.	.....	.....	1,500	200
						1,400	3,500										

Also large stock of Brown Ash, Basswood, Beech, Birch, Elm and Maple.

# THE ATLANTIC LUMBER CO. Inc. 310 MANNING CHAMBERS TORONTO

MANUFACTURERS SOUTHERN HARDWOOD LUMBER

Head Office: BOSTON, MASS.

Yards: BUFFALO, N.Y.

Mills: KNOXVILLE, TENN., FONDE, KENTUCKY



# Geo. Gordon & Co.

Limited

CACHE BAY - ONTARIO

*Manufacturers of*

## WHITE & NORWAY PINE

Lumber, Dimension Timber  
Lath, Shade Roller Pickets

*Planing Mill in Connection*



WE conduct an extensive trade in Spruce Lath Cedar Ties and New Brunswick Cedar Shingles to the South American and British markets. Docking facilities are unexcelled.

Correspondence invited



## CHALEURS BAY MILLS

Main Office and Mills at  
Restigouche, Que.

Cable Address: Chalbav, Portland, & Restigouche, Que.

Portland Office  
31½ Exchange St.



# EDWARD CLARK & SONS LIMITED

807 Bank of Hamilton Building - Toronto

## Hardwood Lumber

SPECIALTY



BIRCH

Canadian Birch is a hardwood of almost unlimited uses. The cabinet maker and the building contractor alike have proved its superiority for their various work. Clark Birch means birch at its best—attractively priced.

*Correspondence  
Invited*

We are in the market for large blocks of HARD MAPLE and BASSWOOD—these to be sawn to our order during the WINTER months and as much WHITE stock as possible produced.

### EFFICIENCY, COURTESY AND SERVICE

## LATH and LUMBER

WHITE PINE  
NORWAY PINE

Shevlin - Clarke  Company Limited

FORT FRANCES, ONT.

Manufacturers  
and Wholesalers

Prompt Shipment.  
Attractive Prices.



# Now Is the Time to Buy Your LUMBER - LATH - SHINGLES

**M**R. RETAILER—the approach of spring heralds a renewal of building activity that means a rush for lumber, lath and shingles. Are you prepared? We offer an unequalled service on these products and at prices that will make an instant appeal. Quotations furnished promptly.

## The Fesserton Timber Company, Ltd.

15 Toronto St.

MAIN 795-6

TORONTO

Western Office, Winch Building

Vancouver, B. C.

## BARGAINS IN DRY STOCK!

200,000' 1 x 4 x 5" - 10/16' M.R. Red Pine—M.C. out. An excellent grade. Sawn from small logs.

80,000' 3 x 4 up - 6/16' Choice No. 1 White Pine Mill Culls. High Line Grade. About 40%—12". Nearly all even widths.

50,000' 5/8 x 3 up - 6/16' White and Red Pine and Spruce—Log Run. Clear inculls out. About 80% White Pine. Heavy 4, 5 and 6"—sawn full.

We are quoting attractive prices on Rough Clear Fir, 5/8 x 4 and 1 x 4 Fir V Joints also 1 x 3 & 4" No. 1 & 2 E.G. Fir Flooring.

## THE A. E. GORDON LUMBER CO.

705-6 Confederation Life Building

Phone Adelaide 4281

TORONTO, ONT.



# GEORGE MASON & COMPANY

(Successors to Manley Chew)

MANUFACTURERS OF

**Pine—Maple—Beech—Basswood  
Lumber—Lath**

WE INVITE YOUR ENQUIRIES

Mills at Midland, Ont., Thunder Bay, Ont.      Head Office :— Midland, Ont.

## PINE RED & WHITE

Box and Crating stock, Lath and Shooks  
at prices you'll want to take advantage of.  
These are particularly good, so get in  
touch with us right away.

**KEEWATIN LUMBER COMPANY, LTD.**

KENORA      ONTARIO

Two complete Saw and Planing Mills, Box Factories and Lath Mill  
At Keewatin and Kenora, Ont.

## F. W. Brennen & Sons

474 Main St. East

Hamilton, Ont.

Wholesale  
**LUMBER  
LATH--SHINGLES**

We have what you want:      Write us for quotations

## A. T. DADSON

*Wholesale Lumber Broker*

350 CONFEDERATION  
LIFE BLDG.

**TORONTO**

Telephone  
Main 1892

Would be glad to hear from manu-  
facturers and wholesalers with  
particulars of stock of Lumber and  
Lath.

We are  
Exclusive handlers of the Celebrated  
"VELVET BRAND"  
SHORT LEAF YELLOW PINE

— The softest that grows —

Steam Dried or  
Smoke Dried

Inquiries invited  
Prompt Shipments

**Russell Harris Lumber Company**  
34 Victoria Street, Toronto.      Telephone Main 4700

## The D'AUTEUIL LUMBER CO., Limited

81 St. Peter Street,  
QUEBEC

**Pulpwood, Lumber,  
Spoolwood,  
Ties and Shingles**



Phone Adel. 7718

302 Brass Bldg.

**Cedar Shingles****Western Fir, Spruce and Pine**

All Dimensions All Grades

Old Growth Soft Yellow Fir in Rough Clears

**Southern Yellow Pine**

Canadian Representatives of

**Cantrell Lumber Co., New York**

Handling the product of several leading Southern Pine Mills. Send us your inquiries for B and Better finish and Rough or sized dimension.

**J. L. Nevison & C. J. Brooks, Toronto, Ont.****Watson & Todd Limited**  
**OTTAWA****WHITE PINE****RED PINE****SPRUCE**

Registered



Trade Mark

**Rideau Club Building**  
Cor. Wellington and  
Metcalf Sts.

Registered



Trade Mar

**We are always in the market to buy Soft Elm, Maple, Birch and other Hardwoods. Also Spruce, Pine, Poplar or Balm for crating.**

**Established Twenty Years**

**Liberal Prices      Fair Inspection**  
**Prompt Payment**

*We have a good Stationary Saw Mill complete with power for sale, capacity 15 to 20 M. per day. Write us for particulars.*

**The Manufacturers' Lumber**  
Company Limited

**Stratford      -      Ont.**

**BARGAINS IN**  
**Standing Timber**

**A**LL our remaining timber lands and town property situated in the town of Parry Sound are offered for sale by us. The special prices at which these are being sold makes early enquiries advisable.

Good bargains are still obtainable in the Townships of Christie, Allen, Secord, Falconbridge and Street. May we send you full particulars?

**The Parry Sound Lumber Co.**

26 Ernest Avenue

LIMITED  
Toronto, Ont.

**New Ontario Colonization Co., Ltd.**

MANUFACTURERS

**SPRUCE AND JACK PINE****Tamarack****Poplar****Rossed Pulpwood****Lath**

**Sales Office: BUFFALO, N. Y.**  
503 Niagara Life Bldg.

**Mills: JACKSONBORO, ONT.**  
Transcont. Div. Can. Nat. Rys.

Kindly address all inquiries care department "A"





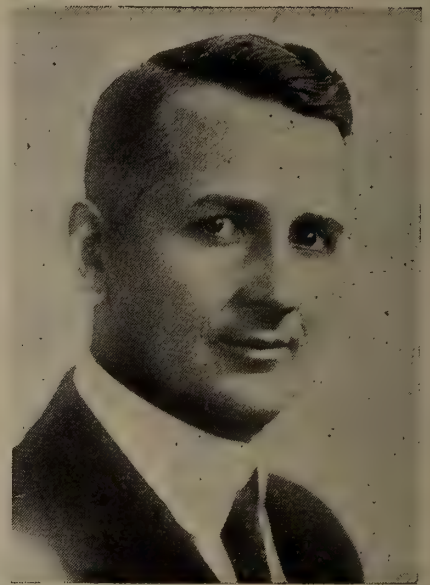
*You know these men,*



**A. S. NICHOLSON**  
*Managing-Director*



**H. J. TERRY**  
*President*



**A. E. CATES**  
*Secretary-Treas.*



*The executive personnel of the firm of*  
**TERRY-NICHOLSON-CATES, LIMITED**

(Successors to Terry & Gordon, Limited)

*whose interesting announcement appears*  
*on next page*

Ontario Representatives for  
**THE BRITISH COLUMBIA MILLS TIMBER AND TRADING CO., VANCOUVER, B. C.**





## An Important Announcement



HE recently organized firm of Terry-Nicholson-Cates, Limited, is new to the lumber industry in name only, all its members having been intimately connected with the trade for many years and holding executive positions with the firm of Terry & Gordon, Limited.

**Mr. H. J. Terry**, President, was also president of the old firm of Terry & Gordon Limited, which firm he organized and brought to such a prominent place during the nine years of its existence. Mr. Terry has been engaged in the wholesale merchandising of lumber during the whole of his business life, and those who avail themselves of his experience are assured service of the most efficient kind.

**Mr. A. S. Nicholson** has also been actively engaged in the lumber business all his life. He has had a wide experience in British Columbia and in the retail trade in Ontario. He established and carried on the Nicholson Lumber Company for several years having just recently sold the controlling interest in this concern. His experience makes him particularly valuable in the capacity of managing director.

**Mr. A. E. Cates** began his career as a messenger with the lumber firm of Robert Thomson & Co. From there he went to the Ontario Lumber Company Ltd., eventually becoming Secretary-Treasurer, and finally to Terry & Gordon Limited also as Secretary-Treasurer, which position he continues to hold in the new firm.

**Mr. J. E. Green** Montreal representative of Terry & Gordon Limited, also retains the same position with the new company, with headquarters in Montreal.

**Mr. R. A. Watt** is one of the best known lumber salesmen calling upon the trade in Western Ontario and the Niagara Peninsula.

**Mr. A. E. Richards** represents the firm in Eastern Ontario and has been connected with the firm a good many years.

**Mr. W. M. Gilbert** is in charge of the Accounting Department and is well equipped and thoroughly conversant with all matters in connection with his department.

## TERRY - NICHOLSON - CATES LIMITED

(Successors to Terry & Gordon, Limited)

703-04 Confederation Life Bldg., Toronto

Ontario Representatives for  
THE BRITISH COLUMBIA MILLS TIMBER AND TRADING CO., VANCOUVER, B.C.



THE  
**Montreal Lumber Co.**  
Limited  
**WHOLESALE  
LUMBER**  
759 Notre Dame St. W., Montreal  
W. K. GRAFFTEY,  
President and Managing Director.

**DR. BELL'S**  
**Veterinary Wonder Remedies**  
50,000 one dollar (\$1.00) bottles Free  
to horsemen who give the Wonder a fair  
trial. Guaranteed for Colic, Inflamma-  
tion of the Lungs, Bowels, Kidneys,  
Fevers, Distemper, etc. Send 25c for  
Mailing Package, etc. Agents wanted.  
Write your address plainly. **DR. BELL,**  
V.S., Kingston, Ont.



**Know  
Your  
Market**

A timely knowledge of Cana-  
dian construction activities gives  
the lumberman a point of van-  
tage from which to conduct his  
sales.

The Contract Record will keep  
you posted on construction un-  
dertakings large and small.

The subscription price is \$3.00.

Send to

**Contract  
Record**  
and Engineering Review  
347  
Adelaide Street West,  
Toronto. Ont.

# LUMBER

## Wanted

### Mill-cuts in

# W. Pine Hemlock Birch Elm Maple

## C. G. Anderson Lumber Company, Limited

Manufacturers and Strictly Wholesale  
Dealers in Lumber

SALES OFFICE

705 Excelsior Life Building  
Toronto

### BELTING

All kinds of new and used Belting  
Shipped subject to approval, at  
Lowest Prices in Canada

**YORK BELTING CO.**  
115 York St. Toronto, Ont.

### JACK PINE

### HEMLOCK

### SPRUCE

**JAMES R. SUMMERS**  
Wholesale Lumber

95 King St. East TORONTO, Ont.  
Main 7329

### HICKORY AXE HANDLES

Made From the Best Canadian  
**HICKORY**

Quality, Shape and Finish Unexcelled  
**St. Marys Wood Specialty Co. Ltd,**  
St. Mary's, Ontario, Canada

High Grade Wood Specialties Ball Bats  
Handles and Hardwood Lumber."

### BELTING FOR SALE

We have a large quantity of Second-  
Hand Rubber and Leather Belting in  
all sizes and plys up to 24 inches in  
width, which we can sell at interesting  
prices. Send us your requirements.

**N. SMITH**  
138 York St. - Toronto, Ont.

### Robt. Coltart & Co.

Royal Liver Building  
Liverpool England

Agents for the sale of  
Pine, Spruce and Hard-  
woods. Correspondence  
invited.

Cables—"COLTART" Liverpool

### Cant & Kemp

52 St. Enoch Square  
**GLASGOW**

### Timber Brokers


Cable Address, "Tectona," Glasgow  
A1 and ABC Codes used

### FARNWORTH & JARDINE


Cable Address: Farnworth, Liverpool  
**WOOD BROKERS  
and MEASURERS**

2 Dale Street, Liverpool, and  
Seaforth Road, Seaforth, Liverpool,  
England





# Quick Action




## You Can Have It

Try the Canada Lumberman Wanted and For Sale Department. Have you anything you wish to buy or sell in the Lumber Industry? You will find this department inexpensive, and a very effective business getter.

Our Classified Advertisers do not repeat the ad, often. They don't have to. They report immediate results. Use these columns to your own advantage.

**CANADA  
LUMBERMAN  
and WOODWORKER**  
347 Adelaide St. W.  
TORONTO



***"Well Bought is Half Sold!"***

## "Users of Hardwoods

May find what they want in  
the following:—

2	Cars	4/4"	No. 2 Com. & Btr. Basswood.
2	"	5/4"	No. 1 " " "
4	"	6/4"	No. 1 " " "
5	"	5/4"	No. 2 & 3 Common "
8	"	4/4"	No. 2 & 3 Common Ash.
3	"	4/4"	No. 2 Com. & Btr. Elm.
2	"	4/4"	No. 3 Common Elm.
8	"	4/4"	No. 3 Com. Birch & Maple.
2	"	4/4"	No. 2 Com. & Btr. Soft Maple
1	"	6/4"	No. 2 Common Birch.

***Condition—Dry  
Manufacture—Good  
Prices—Right"***

**Canadian General Lumber Co.**  
Limited

## FOREST PRODUCTS

TORONTO OFFICE:— 712-20 Bank of Hamilton Building

Montreal Office:— 514 Canada Cement Company Bldg.

Mills: Byng Inlet, Ont.

### TRANSIT CARS

We have at all times inch and two inch B.C. Stock in transit. Particulars on application. We are in the market for medium size blocks of Spruce and Hemlock, inch and two inch, Merchantable grade, and No. 1 White Pine mill culls from 6 to 12'. In writing quote your lowest prices.  
THE FOLEY LUMBER COMPANY,  
18 Toronto Street,  
Main 2746 Toronto. Hill. 6939

Manufacturers of

**WIRE** For TYING, BUNDLING  
and many other purposes  
NAILS  
**LAILAW BALE TIE CO., Ltd**  
HAMILTON, ONT.

### SAVAGE & BARTLETT

FOREST ENGINEERS  
Timber Estimates, Maps, Topographic  
and Boundary Surveys  
15 State St., BANGOR, MAINE

### W. Y. LLOYD

350 Confederation Life Building,  
TORONTO, Ont.

Dealers in Eastern and Western  
**Canadian Softwoods**

Pine, Spruce, Fir, Hemlock  
Lath and Shingles.

Soliciting enquiries.

Twenty Years Experience

**Timber Estimates**  
Reports Maps

**James W. Sewall**  
Forest Engineer

Old Town, Davidson Bldg.,  
Maine. Washington, D.C.

Largest Cruising House in America.

### SPECIALTIES

Sawed Hemlock  
Red Cedar Shingles  
White Pine Lath  
Bass and Poplar Siding

**James Gillespie**

Pine and Hardwood

**Lumber**

Lath and Shingles

North Tonawanda, N. Y.



## Canfield - Wilmot

LIMITED

**Wholesale Lumber**
**Woodstock - Ontario**
*Specialists in B. C. Lumber*
**B.C. PRODUCTS ALWAYS IN TRANSIT**

## ROSE-McLAURIN

LIMITED

**1226 Bank of Hamilton Building TORONTO**

Phone Main 6752

*We Specialize in*
**British Columbia Lumber and  
Timber and Red Cedar Shingles**
*Let us quote you. Our prices are right*

We also handle the well known

**"TEN-TEST" SOLID FIBRE BOARD**

## A Permanent Lumber Service

**A**FTER several years of inactivity we are now cutting on our modern fully equipped mills at Manistique and Little Lake, Upper Michigan. The timber behind these mills was purchased many years ago by the Stack interests from the then "unlimited" supply. Its quality, particularly the maple and birch, is the envy of northern mill men among whom this tract is famous.

This timber will run the mills to full capacity for fifteen to twenty years. The 40,000,000 feet annual cut will run:

15,000,000 ft. maple annually  
6,000,000 ft. birch annually  
2,500,000 ft. beech annually  
2,500,000 ft. elm annually  
900,000 ft. basswood annually  
200,000 ft. ash annually  
6,000,000 ft. hemlock annually  
3,000,000 ft. white pine annually

the balance in Spruce and Tamarack.

Our exceptional service, grades, and manufacture will be maintained.

"Low freight rate shipments by water to Toronto, Montreal, Owen Sound, Port Arthur, and other Great Lakes and St. Lawrence River Ports. Conveniently located also for rail shipments to inland points by C.P.R. or Soo line."

We will be pleased to hear from old friends and from new ones who can understand and appreciate what permanent connection with such a source of supply would mean.

## STACK LUMBER CO.

**ESCANABA**
**MICHIGAN**

## W.S. LOGGIE

**and Company, Limited**

*Manufacturers  
of Lumber  
including*

## SPRUCE, PINE and LATHS

**Head Office**
**Chatham, N.B.**
**Mill**
**Inkerman, N.B.**

## The Rat Portage Lumber Co., Limited, Vancouver

MANUFACTURERS OF

**DOUGLAS FIR, SPRUCE AND HEMLOCK**
**FLOORING, CEILING, SIDING, INTERIOR AND EXTERIOR  
FINISH OF ALL KINDS INCLUDING MOULDINGS**
**Rough Kiln Dried and Green Clear Fir in All Sizes**

Boards, Shiplap, and Dimension

**ROUGH TIMBERS UP TO 90 FEET LONG**

WE SPECIALIZE IN 1/4  
SCANT SIZED DIMEN-  
SION, ALSO DIMENSION  
AND BOARDS IN THE  
ROUGH



# FRASER COMPANIES, Limited

Bleached Sulphite Pulp Mill. Saw Mills (all Band Saw Mills). Shingle Mill  
HERE THEY ARE ON THE MAP



## Mills and Railway Connections

Saw and Shingle Mills	Railway Connections
Cabano, Que. ....	Temiscouata Ry.
Notre Dame du Lac, Que. ....	Temiscouata Ry.
Glendyne, Que. ....	C. N. Ry.
Estcourt, Que. ....	C. N. Ry.
Sully, N. B. ....	C. N. Ry.
Edmundston, N. B. ....	C.P.R., C.N.R. and Temiscouata Ry.
Magaguadavic, N.B. ....	C. P. R.

Saw and Shingle Mills	Railway Connections
Baker Brook, N. B. ....	C.N.Ry., Temiscouata Ry.
Plaster Rock, N.B. ....	C. P. R.
Summit, N. B. ....	C. N. R.
Fredericton, N. B. ....	C.P.Ry and C.N.Ry.
Nelson, N. B. ....	C. N. Ry.
Campbellton, N. B. ....	C. N. Ry.

Bleached Sulphite Mill, Edmundston, N. B. .... Railway Connection, C.P.R., C.N.R. and Temiscouata Ry.  
Sulphite Mill, Chatham, N. B. .... Railway Connection, C. N. R.

Bleached Sulphite.

Rough and Dressed Spruce.

White Cedar Shingles.

Railway Ties

Piano Sounding Board Stock a Specialty.

Selling and Purchasing Offices :-- EDMUNDSTON, N. B.



# Dry Hardwood for Immediate Shipment



6	Cars	4/4	Birch,	No. 1 C & B.	3	Cars	4/4	Beech,	No. 1 C & B 20% No. 2.
3	"	4/4	"	No. 3 Common.	1	"	8/4	Basswood,	No. 1 C & B 10% No. 2.
10	"	8/4	S. Elm,	No. 1 C & B 10% No. 2.	4	"	4/4	"	No. 1 C & B 10% No. 2.
15	"	4/4	"	No. 1 C & B 20% No. 2.	1	"	5/4	S. Maple,	Log Run.
4	"	4/4	"	No. 2 & 3 Common.	3	"	4/4	S. Maple,	No. 2 & B. 25% No. 2.
2	"	8/4	Beech,	No. 1 C & B 15% No. 2.	10	"	4/4	Hardwood	crating.
5	"	6/4	"	Log Run.	1	"	5 x 5	Hardwood	Box Hearts.

We have approximately 3,000,000 ft. hardwood now sawing and can cut special sizes and grades.

Send us that enquiry today.

The

**PEDWELL HARDWOOD LUMBER CO.**

Ft. Spadina Ave., TORONTO

## Send for This new Booklet To-day

A new booklet has been prepared on "How to Finish British Columbia Woods". It also contains other information of interest to all who would build.

As there is a large demand for these booklets and the supply is limited an early request for them is advisable.

**British Columbia Lumber Commissioner**  
51 Yonge St. - Toronto

## The Smile of Satisfaction

Know what real satisfaction means by giving McDonagh Lumber a trial. Wholesale Hardwoods (Native and Foreign), Crating Spruce, Pine and Hemlock, Canadian Birch, Basswood and Maple.



Every Shipment Guaranteed

**The McDonagh Lumber Co.**  
226 Confederation Life Building, TORONTO

## Planing Mill Stock

### CYPRESS

Soft, Dry Stock, Finest Grades—  
All Thicknesses— 4/4, 5/4, 6/4, 8/4, 10/4, 12/4

### Yellow Pine Finish

Kiln Dried, Soft, Short Leaf Kind

Stock Widths  $\left. \begin{matrix} 4/4 \\ 5/4 \\ 6/4 \\ 8/4 \end{matrix} \right\}$  by 4", 6", 8", 10", 12"

Also OAK, ASH, POPLAR, GUM  
**WISTAR, UNDERHILL & NIXON**  
Real Estate Trust Bldg., Philadelphia, Pa.

## Pine, Spruce, Birch, etc.

Always on hand a large quantity Specialty Birch for Export.

Send your enquiry

**ROCH JULIEN**  
MORIN BUILDING, QUEBEC CITY  
2,700 Acres of FREEHOLD land for sale

## THOS. N. PHILLIPS

## Lumber - BRITISH COLUMBIA - Shingles

Dealing through me you can depend on:—

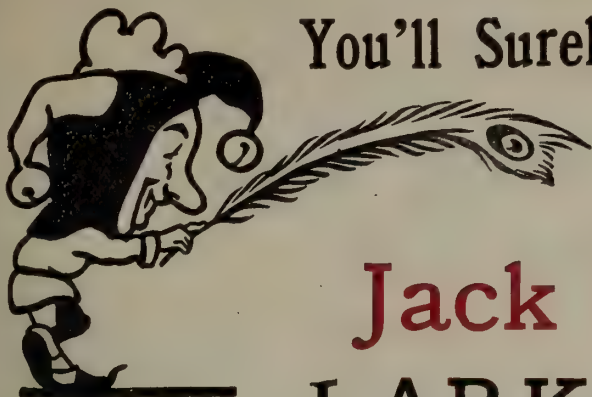
Quick action on your inquiries. Shipment as promised. Grades that please.

Prices that are right.

**Royal Bank Building**

**Toronto, Ont.**





WRITE  
WIRE OR  
PHONE

You'll Surely Be Tickled at the Quality and Prices  
of our Sized Hemlock, White and Red Pine,  
B.C. Products and

# Jack Pine LATH Spruce LARKIN LUMBER COMPANY

236 Confederation Life Building

TORONTO, ONTARIO

## AUSTIN & NICHOLSON LIMITED

CHAPLEAU, ONTARIO

Lumber, Lath, Ties, Pulpwood.

Quick Dressing and Matching in Car Lots  
a Specialty.

Mills at DALTON, NICHOLSON, DEVON

## NORWAY

8000' 4/4" and 10/18' Clear and Clear Face.  
48000' 8/4" Clear and Clear Face.  
16000' 4/4" and 8/4" Clear and Clear Face.  
6 and 8 feet long

## REDWOOD IN TRANSIT

1/2 Car 8/4" No. 1 Shop.  
1/2 " 6/4" No. 1 Shop.  
2 " 4/4", 5/4", 6/4" and 8/4" Clear

Phone or wire at our expense for prices.

THE EASTMAN LUMBER COMPANY, LIMITED  
33 Sun Life Building, Hamilton, Ontario. Phone Regent 162

## BOOKS FOR SALE at Special Prices

Baughman's "Buyer & Seller." The handiest labor-saving book for lumbermen ever devised. Desk size, 300 pages, \$3.50. Pocket edition, 188 pages, \$1.50.

"Climax" tally book, bound in sheep, with hand strips. Size 4 1/4 x 8 1/2, 110 pages. Price \$2.00.

"Lumber—Its Manufacture and Distribution," by Ralph Clement Bryant. Just published by John Wiley & Sons, 539 pages, 156 figures, Price \$4.50.

"Scribner's Lumber and Log Book," 1921 edition, price 75c.

"Seasoning of Wood," a Treatise of the Natural and Artificial Processes Employed in the preparation of Lumber for Manufacture, with Detailed Explanation of its Uses, Characteristics and Properties, by Joseph Wagner. Published by D. Van Nostrand Company, in 1917, 274 pages, illustrated. Price \$3.00.

"The Kiln Drying of Lumber," a Practical and Theoretical Treatise, by Harry Donald Tiemann, M.E., M.F. Published by J. B. Lippincott Co. 316 pages, illustrated. Price \$5.50.

Canada Lumberman

347 Adelaide Street West  
TORONTO

# Everything in Lumber

The  
McLennan Lumber Co., Ltd.  
Office and Yard: 21 Dorchester Street W., Montreal

P.O. BOX 1854

PHONE PLATEAU 1300

# Power Lumber Company Limited

Successors to River Ouelle Pulp & Lumber Co.

Manufacturers of

# SPRUCE

Lumber Lath Pulpwood

Head Office and Mills at:

St. Pacome, Que., Canada  
On Can. Nat. Ry. 75 Miles East  
of Quebec City

Also Mills at:

Lapointe, Riv. Manie, Powerville  
and Ste. Apolline  
On Edmunston Div.—Can. Nat. Rys.



**The Harris Tie & Timber Co., Ltd.**  
**The C. E. Fleming Tie & Lumber Co., Ltd.**  
**The Poupore Lumber Co.**

**Railway Ties, Cedar Poles and Posts, Lumber, Lath, Shingles, Pulpwood**

**197 SPARKS STREET**

**OTTAWA, CANADA**

**H. R. Goodday**

**AND COMPANY**

EXPORTERS OF

**SPRUCE AND  
PINE**

New Brunswick Agent

**F. E. NEALE,**

Chatham, N.B.

**Head Office: QUEBEC, P.Q.**



For Prompt Delivery of  
**Hemlock, Spruce, Lath  
 Pulpwood and Hardwoods**

**Dressed and Ripped to Order**

We specialize in Hemlock and Spruce  
 Timbers and have excellent facilities  
 for quick shipment—rail or water  
 delivery.

*Tell us your requirements*

**Fassett Lumber Co., Limited**  
**Fassett, Quebec**

F. N. Waldie, President.

R. S. Waldie, Vice-President

W. E. Harper, Secretary.

**The Victoria Harbor Lumber Co., Ltd.**

Manufacturers of

**Lumber and Lath**

Mills at Victoria Harbor, Ont.

HEAD OFFICE,  
 12-14 Wellington Street East, **TORONTO, ONT.**



## BALED SHAVINGS FOR SALE

Apply to  
**L. S. BARRAND**  
Pembroke, Ont.

## CHARLES O. MAUS

Wholesale  
**HARDWOOD LUMBER**

Rooms 444-446 Farmers' Trust Building  
South Bend, Ind., U. S. of A.

Red  
Sap }

**GUM**

{ Plain  
or  
Quarter cut

Red  
White }

**OAK**

{ Plain  
or  
Quarter cut

All  
grades }

**CYPRESS**

{ All  
thicknesses

**ASH**

"We  
have  
it" }

**COTTONWOOD  
CANADIAN BIRCH**

{ "We  
have  
it"

*"How about that next car"?—Let's get acquainted*

*Canadian Representative:*

**WALTER S. McBEAN**, 200 St. Clarens Ave., Toronto, Ont.

PHONE: PARKDALE 1979

## Lumber and Lath For Sale

Spruce, Hemlock, Pine and Hard-  
wood Lumber manufactured to  
order Also random stocks on hand.

Get our prices on both lumber and  
laths, cargo or car lots.

**Musgrave & Company Limited**

Eastern Trust Bldg.

Halifax, N.S.

# HEAPS

& SONS LIMITED

METROPOLITAN BLDG.

VANCOUVER, B.C.



British Columbia

**Lumber Shingles Timbers**

**Straight or Mixed Cars of**

**FLOORING  
CASINC  
BASE**

**MOULDINGS  
CEILING  
FINISH**



# SCOTT, DRAPER & COMPANY

11 SAULT AU MATELOT STREET, QUEBEC.

## PULPWOOD, LUMBER AND TIES

LET US KNOW YOUR REQUIREMENTS

WRITE, WIRE, OR PHONE

### WILSON BROS.

*Wholesale Lumber*

WOODSTOCK - ONTARIO

All kinds of Sawn Lumber  
Your enquiries solicited.

We are open to consider offers on cuts of Jack Pine, Spruce, Hemlock and White Pine. Also standing Rock Elm. Quote us on any Lath you have to offer.

Can supply No. 1 Com. & Btr. Rock Elm, 4/4, 5/4, 6/4, 8/4 and 10/4. Quotations upon application.

### Thompson Heyland Lumber Co.

123 Bay Street

Toronto

For Sale

Everything in Dry Hemlock Lumber.  
500 M. 1 x 4 x 5 x 6 in choice Merchantable Spruce.

Wanted to buy

2 million feet Spruce, Jack Pine and Hemlock for spring delivery.

10,000 cords of Spruce and Balsam, peeled pulpwood.

10,000 cords peeled poplar.

50 M. Ties in Cedar, Hemlock and Jack Pine.

Will make the necessary advances.

### GILLIES BROS., LTD.

BRAESIDE

ONTARIO

## WHITE PINE

RED PINE  
SPRUCE

*Dry Stock*

*Well Sawn*

*Prompt Shipment*



### Greig-Morris Limited

Toronto

**Dry Spruce for prompt shipment**

1 x 3, 1 x 4, 1 x 5 Merchantable Spruce D1S.

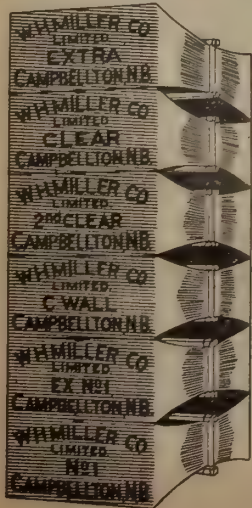
4 x 3, 4, 5 and 6 " " Rough.

2 x 3, 4, 5 and 6 " " D1S.

3 x 3, 4, 5, 6 and 7 " " Rough.

*Prices Cheerfully Given*

We also want to purchase Birch, Hard and Soft Maple and Soft Woods.



## The Same Good Quality

that makes these New Brunswick White Cedar Shingles famous is still found in every shipment that leaves our plant.

If you want to get the reputation of selling something really good this is the kind to handle. Made by

### W. H. MILLER CO. LIMITED

Campbellton, N. B.

We also manufacture Spruce and Pine Lumber, Lath, Cedar Tiles, etc.



# Black Rock Lumber Company

421-423 FIDELITY BUILDING

BUFFALO, N. Y.

5 million feet of 4/4", 5/4", 6/4", 8/4" Dry White Pine in pile.

Also Jack Pine, Spruce and Hemlock Lath.

AT: Braeside, Midland, Victoria Harbour, ONTARIO

## White Pine Culls

(Dry)

At a Georgian Bay Mill

No. 1

230,000' 1 x 4 &amp; up—10/16.

52,000' 1 1/4 x 4 &amp; up—"

8,000' 1 1/2 x 4 &amp; up—"

No. 2

420,000' 1 x 4 &amp; up—6/16.

48,000' 1 x 10—10/16.

32,000' 1 x 12—"

98,000' 1 1/4 x 4 &amp; up—6/16.

25,000' 1 1/2 x 4 &amp; up—"

These culls are of good average width.

## The Rideau Lumber Co.

LIMITED

Ottawa

Canada

FOR SALE

3,000 pcs. Cedar and Hemlock Railway Ties.  
ready for immediate shipment.

## The Shrewd Buyer Appreciates "Stalker Values"

Write us for quotations on the products listed below. You will be surprised at the outstanding values they represent.

B.C. FIR, SPRUCE, PINE LATH,  
SHINGLES AND HARDWOODS

DOUGLAS A. STALKER

122 Wellington Street

Sherbrooke

## Dry Stock for Immediate Shipment

4/4 6/4 8/4 Beech

4/4 8/4 Basswood

4/4 8/4 H. &amp; S. Maple

4/4 8/4 Oak

4/4 8/4 B. &amp; W. Ash

4/4 6/4 8/4 Sound Chestnut

4/4 8/4 Elm

Mill now running. Can cut bills to order. Cordwood  
and slabs for sale.

Write for particulars and prices.

McClung, McLellan & Berry  
Kinglake, Ontario



A.K. Hansen & Co.  
REGISTERED

MANUFACTURERS—EXPORTERS—WHOLESALE

Mills: Laterriere, Que., and  
Charlevoix Dist., Que.

Spoolwood, Pulpwood and Lumber

82 St. Peter Street, Quebec, P. Q.



# Thurston-Flavelle, Limited

MANUFACTURERS OF

## British Columbia Red Cedar Exclusively Cedar Bevel Siding, Finish, V-Joint and Mouldings

Our Shingles are all Packed by the 'Thousand'

Straight or mixed cars with XXX and XXXXX Shingles.

Stocks carried at Lindsay, Ont., for quick shipment

Ontario Agents:

Gull River Lumber Co., Ltd., Lindsay, Ont.

Quebec and Maritime Provinces Agents:

Rose-McLaurin Limited, 2 Toronto St., Toronto.

Full particulars from our Eastern Agents.

### Head Office and Mills, Port Moody, B. C.



## Dependable Lumber

from a

## Dependable Source

Perhaps you are looking for a reliable source of supply of British Columbia Lumber. You will be glad to know where you can place mixed Car orders calling for any combination of B. C. woods. Our facilities for supplying you with this good lumber at right prices, are unexcelled.

Send your enquiries and orders to us. Correspondence from dealers who desire and appreciate UNIFORM GRADES, DEPENDABLE SERVICE, and SATISFACTION is respectfully solicited.

## APEX LUMBER COMPANY, LTD.

Ontario Representative: J. D. Robinson, Room 5 Imperial Block,  
Walkerville, Ont.

Vancouver, B.C.

# Gloucester Lumber & Trading Co.

Manufacturers of

**Quality**

Well Graded  
and  
Manufactured

## SPRUCE AND PINE LUMBER, LATH SHINGLES AND RAILWAY TIES

**Service**

Prompt  
and  
Reliable

Mills at Bathurst, N.B., Burnsville, N.B.

Head Office:—Bathurst, N.B.



# WHITE PINE

All

Grades and Sizes

30

Million Feet

In Stock

For Immediate Shipment

Stocks at  
Pakesley  
and  
Victoria Harbour

*Write for Quotations*

**SCHROEDER  
MILLS AND TIMBER CO.**

Frank J. Archibald, Sales Representative  
Room 305 Stair Bldg. 123 Bay St., Toronto, Ont.

ESTABLISHED 1893

INCORPORATED 1916

## ROBERT BURY & COMPANY

(CANADA), LIMITED

1 Spadina Avenue Toronto

*Our Dry Kilns have a capacity for drying 200,000 feet per month. We will dry your transit cars.*

All Canadian and American  
Hardwoods

MAHOGANY  
WALNUT  
VENEERS AND PANELS  
of every description

*THIS WEEK'S SPECIALS*

### DOOR PANELS

HARDWOOD TRIM

(Kiln or Air Dried)

### VENEERS

MAHOGANY, OAK, WALNUT, GUM,  
BIRCH, BASSWOOD, ASH, MAPLE, and ELM

Log run or cut to dimension

### PANELS

BIRCH, BASSWOOD, ASH, MAPLE, ELM, FIR,  
MAHOGANY, WALNUT, OAK and COTTONWOOD

**We Specialize in Mixed Ship-  
ments of Dry Hardwoods,  
Veneers and Panels**

*This is a good time to conserve your capital by making purchases in this manner*



# Manufacturers and Wholesalers of Canadian Hardwood and Softwood Lumber

Specializing in Rock Elm, and Oak Ship Timber. Hard Maple, Birch, Soft Elm and Basswood Lumber. We also handle B.C. Fir and Pine in all thicknesses and grades.

To mill men:

We will buy your full cut of Lumber.

Heavy Portable Sawmill with Power and Camp Equipment for sale. Terms arranged.



*"Lumber at first cost"*

**HALL BROS., LIMITED - 300 Crown Office Bldg.**

**TORONTO**

Write

Phone Main 2806  
Phone

or Wire



# The Spanish River Lumber Co. Limited

**LUMBER MANUFACTURERS CUTLER, ONTARIO**

**WHITE PINE,  
NORWAY PINE,  
HEMLOCK**

**Shipments  
by Rail  
or Water**

Cable Address  
'BENLUMCO'

Codes used  
ABC 5th Western Union  
Universal

## Bennett Lumber Co., Limited

Manufacturers and Exporters

**Spruce, Pine and Hardwood  
Lumber**

**American Hardwoods & Mahogany**

11 St. Sacrament St. MONTREAL, P.Q.

## Story Lumber Co., Ltd.

**Wholesale Lumber Dealers**

Pine Spruce Hemlock Hardwood

**Head Office: 701-703 Hope Chambers,  
Ottawa, Canada**

**Branch Office: 30 St. John Street, Montreal, Que.**



# British Columbia Lumber

*"Manufactured in Modern Mills"*

**Quality Lumber in all Grades and Sizes**

**Specialites:—**

**Fir Cross Arms**

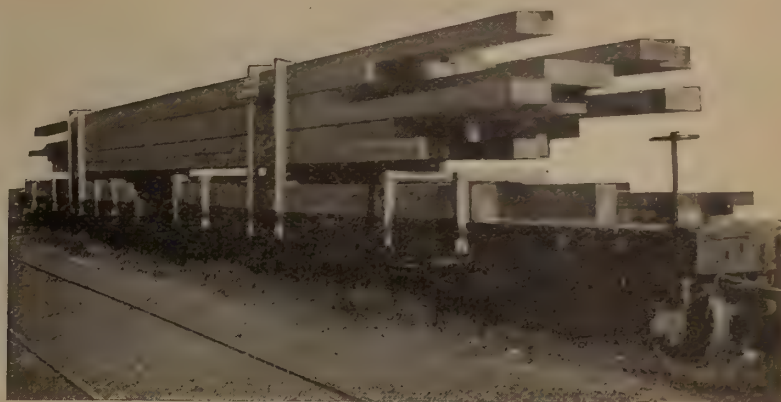
**Spruce Box Shooks**

**Klin Dried Finish & Flooring**

**Rail Shipments to all parts of Canada  
and United States**

**Cameron Lumber Co., Ltd.**

Office & Mills - VICTORIA, B. C.



**Let us Serve You!**

**Long Timbers**

**Deep and Heavy Joists**

**Special Industrial Items**

**Rough—any size up to 110' long,  
S4S up to 16x20 x 100'**

**Timberland Lumber Co., Limited**

**New Westminster, B. C.**

Mills: South Westminster—Logging Camps: Ladysmith, Vancouver Island.  
Shipments over all railways.

**FIR SPRUCE  
PINE**



**CEDAR LATH  
LUMBER**

Manufactured by

**Adams River Lumber Company Ltd.**

**MILLS AT CHASE, B. C.**

We can make prompt delivery on any of these products for there is 25 million feet in pile. All stock is extra dry, perfectly manufactured and liberally graded. Orders filled in straight or assorted cars. Write, wire or phone for quotations on your requirements.

**J. T. Todd, Eastern Manager**

**1303 Bank of Hamilton Bldg. Toronto**

**Phone Main 4425**







# *Forest Beauties*

**T**HE lumber we have to offer you is characteristic of the very finest the market can boast. From a sales standpoint, it is unrivalled.

You will want a good supply in anticipation of the spring season—why not let us have your order now? Prompt shipments can be made in Pine, Spruce, Hemlock, Hardwoods, B.C. Lumber and Timber. Prices are exceptionally favorable.

**G. A. GRIER & SONS, Limited**  
**MONTREAL** *Established 1871* **TORONTO**

Head Office: 1112 Notre Dame St. West

22 Royal Bank Chambers, 454 King St. West

*We have absolutely no connection with or interest in any other firm bearing a name similar to ours*



# Anderson, Shreiner & Mawson

ALL KINDS OF HARDWOOD AND SOFTWOOD  
**LUMBER**

*Specialties*  
BIRCH AND MAPLE  
All Thicknesses

MILLS AT  
KING LAKE and EAGLE LAKE, ONT.

ROOM 411, COLONIAL BLDG.  
13 KING ST. WEST, TORONTO

Write or Wire Us, or Phone Adelaide 8085

*Canadian Tie and Lumber Co.*  
LIMITED

511 Temple Building,  
Toronto, - Ontario  
Phone Main 1151.

Cutting Capacity 300,000 Ft. per Day

## J. J. McFADDEN LIMITED

Red & White Pine **LUMBER** In Any Quantities

The above is supplied by us in all standard grades and dimensions. All lumber is of guaranteed quality and grade as ordered. Our location and facilities enable us to give our patrons the utmost in service and prompt shipments.

Mills at: - SPRAGGE, ONT. & BLIND RIVER, ONT.



# International Land & Lumber Company Limited LUMBER AND RAILWAY TIES

Limits and Mills: ST. FELICIEN, LAKE ST. JOHN DISTRICT, QUEBEC

## "LOOK

Dry Jack Pine Flooring, V Sheeting & Etc.

1 Million feet of 1 x 4 and 5-10-16 feet Common and Better—Excellent Mill work at Shipping point.

## ALSO

Assorted stocks of Hemlock, Spruce and Pine.

## MILLMEN

We are always open to buy cuts of Spruce, Hemlock and Pine."

# ARTHUR N. DUDLEY

Manufacturer and Wholesaler

108-109 Stair Building,

TORONTO, ONT.

TELEPHONE MAIN 6368

# The Leigh Lumber Co.

33 Richmond St. West

Toronto

Native Hardwood Lumber  
All kinds, all thicknesses

White Pine, Red Pine and Jack Pine

Crating Lumber in either Softwood  
or Hardwood.

# George Burchill & Sons

*Manufacturers of*

**Spruce and Pine Lumber**

**Laths, Shingles, Nail Keg Staves**

ALSO

**Planing and Dressing Mill**

**Sash and Door Factory**

**Mouldings, Etc.**

A quantity of uncrozed nail keg staves in good  
shipping condition on hand

**South Nelson - Miramichi - New Brunswick**

# THE McCORMACK LUMBER CO

Bank of Toronto Building

HAMILTON, Canada

We are in the market for and would like to get prices  
on stocks of—

**Jack Pine**

**Spruce**

**Hemlock**

**Lath**

Wire or Write us.

# Dry Hemlock, Spruce and Pine

In all dimensions

1920-1921-1922 cut

Ontario and Quebec stock

**TIES AND PILINGS**

Also PINE, SPRUCE and HEMLOCK LATH

*All for immediate shipment.*

# Big Bear Lumber Company

Telephones Main 651-1218-1219.

Suite 208 Excelsior Life Building, Toronto, Ont.



# BRITISH COLUMBIA WESTERN HEMLOCK O.K.

## Ask the Man Who Has Used It

The proof of the value of wood is in the service obtained therefrom.

Lumber dealers and their customers are getting to like BRITISH COLUMBIA WESTERN HEMLOCK better the more they deal in it or use it.

It is not a hardwood but is possessed of a grain that is externally beautiful. It takes a high polish, is free from pitch and "shakes" and possesses great strength.

Don't wait until all your competitors have established a reputation for handling BRITISH COLUMBIA WESTERN HEMLOCK.

We'll be glad to send you BRITISH COLUMBIA WESTERN HEMLOCK in mixed carloads along with our other BIG CHIEF Brand Specialties, British Columbia Red Cedar Shingles, and Cedar and Fir lumber in all sizes known to high-class manufacture.

## VANCOUVER LUMBER CO., LIMITED, Vancouver, B.C.

Branch Sales Offices at Toronto, Ont., Winnipeg, Man., Chicago, Ill.



# Mason, Gordon & Co., Limited

80 St. Francois Xavier St.

(Wholesale Only)

Montreal, Que.

British Columbia Products

White Pine and Quebec Spruce, Fir Doors

(Carload Lots)

Vancouver Office:

Pacific Building

Hubert C. Gordon

Representative

Exclusive Representatives

Quebec and Maritime Provinces

B.C. Mills, Timber & Trading Co.

Vancouver, B. C.

**MK**

## LUMBER

**MK**

**L  
A  
T  
H**

### MUIR & KIRKPATRICK

1325-6-7-8 BANK OF HAMILTON BLDG.

TORONTO, CANADA

MANUFACTURERS AND WHOLESALERS

**L  
A  
T  
H**

**MK**

## LUMBER

**MK**

## BALED SHAVINGS

CAR LOTS

### W. C. EDWARDS & Co., Limited

OTTAWA

:-

CANADA



# FOR SALE

Stock that is getting scarce. Good Mill Run Jack Pine and Spruce, running strong to 16 ft.  
Stock estimated as follows:

1 x 4" 10/16'	90,000'	1 x 8" 10/16'	2,000'	2 x 7/9" 10/16'	40,000'
1 x 5" "	27,000'	2 x 4" "	152,000'	2 x 8" "	275,000'
1 x 6" "	74,000'	2 x 5" "	24,000'	2 x 10" "	102,000'
1 x 7/9 "	17,000'	2 x 6" "	290,000'		

1 x 5" and wider, 6/16' Cull Jack Pine 275,000'

Above was sawn last summer and is in excellent shipping condition

## C. A. LARKIN COMPANY

229 Confederation Life Building

Toronto, Canada

## Milling in Transit

A Well Equipped Mill

C.P., G.T., & C.N. Railway Connections

*Special Mill Work Prompt Service*

**J. R. Eaton & Sons, Limited**  
ORILLIA, ONT.



View of our recently rebuilt modern planing mill.

## BUY B.C. FIR and HEMLOCK

We solicit correspondence and inquiries from

### THE EASTERN CANADIAN TRADE

For fir yard stock, B. C. or Hemlock Shiplap and Boards, timbers any size and length up to 90 feet.

We also specialize in mixed cars of high-grade fir uppers and mouldings and are also manufacturers of fir doors.

**Robertson & Hackett Sawmills, Ltd.**

Established 1888

Mills and Office : FALSE CREEK, VANCOUVER, B.C

## WIRE PHONE OR WRITE

For your supply of

WANAY BIRCH TIMBER  
ROUND BIRCH VENEER LOGS  
HARDWOOD and SOFTWOOD SAWN  
LUMBER

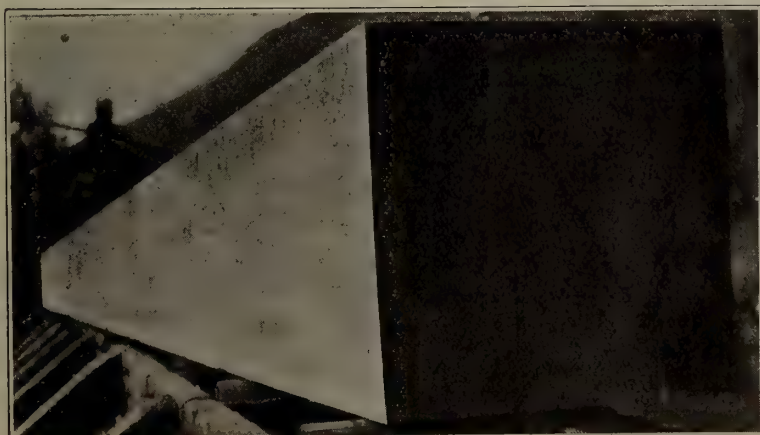
**THE WILLIAM J. MURPHY LUMBER CO.**

55 St. Francois-Xavier St.,

MONTREAL

P.O. Box 2043

Phone Main 8288



35x35—82 ft. long Fir Timber

OUR SPECIALTIES:

## Long Fir Timber Planking Decking

Cutting orders for 2" in long lengths either Common or Clear (obtained as side cut).

Planer capacity 6" x 30". We do not operate dry kiln, but can arrange to air-dry in our yard to requirements.

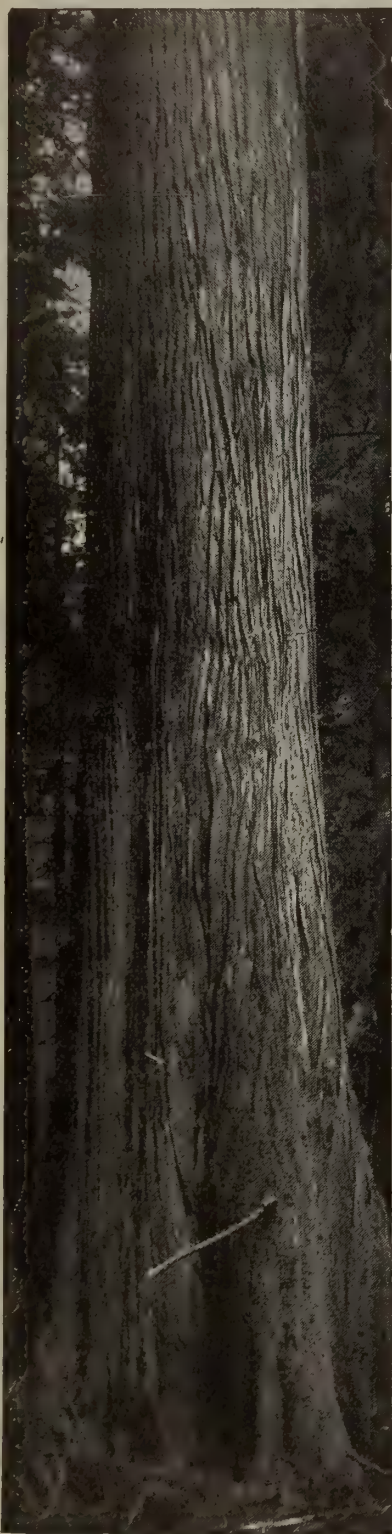
Our Mill is on Canadian Pacific Railway with Rail Connection (Five Miles) to Tidewater on Alberni Canal, Navigable for all Vessels.

**BAINBRIDGE LUMBER CO. Limited**

Cable Address: Bainbridge, B.C. Telephone and Postal Service at Bainbridge  
Bainbridge Lumber, Victoria Sales Office: 421 Pemberton Building, Victoria, B. C.



# BUY BRITISH COLUMBIA Red Cedar Shingles



The life of a British Columbia Red Cedar Shingle Roof can almost be gauged by the life of the nail with which the shingle is nailed in place. Judging from available data, the average life of the ordinary steel wire nail, which has been in such common use, is only from seven to twelve years. Some wire nails will last longer, depending upon the condition of exposure, climate and similar features, but considering our climate as a whole, at the end of from seven to twelve years a large percentage of wire nails will have rusted either completely through or so extensively that the first strong wind will complete the work. The shingles that have been held in position by such nails are then free to work down, permitting rains or melting snows to leak through and damage the interior of the structure. Examination will disclose that the fibre of the shingle itself is still in perfect condition, and a leaky roof, in the majority of occasions is due entirely to the use of faulty nails, but the average home owner, placed at such inconvenience, will not stop to reason this out and the poor wooden shingle comes in for more unjust abuse.

There are several kinds of nails which experience has proven will give lasting satisfaction, and the wise dealer will advise his customers of these satisfactory nails. A pure zinc shingle nail meets all the demands of durability required. Its principal drawback is its high cost and a slight tendency to bend under careless driving. Galvanized wire nails theoretically are rust proof, and if the galvanized coating is properly applied, and of sufficient thickness, such a nail will last as long as the shingle it holds in place. The life of this shingle roof, properly applied with these nails then is from 40 to 50 years. Pure iron nails, or the old cut or wrought nails are ideal but difficult to secure. Copper nails also constitute a perfect shingle nail.

## Timms Phillips & Co., Ltd.

Yorkshire Bldg., Vancouver  
Manufacturers and Wholesalers

### Red Cedar Shingles

3x-5x- Perfections, Royals, Imperials

### Red Cedar Bevel Siding

## Vancouver Lumber Co., Ltd.

Manufacturers

### XXX-XXXXX CEDAR SHINGLES

(B. C. Inspected)

Head Office,  
Vancouver, B.C.

Eastern Sales Office  
Toronto, Ont.

## Westminster Mill Co.

LIMITED

New Westminster, B.C.

### Red Cedar Shingles

### Cedar Bevel Siding

## Dominion Timber Products Ltd.

Vancouver Block  
Vancouver

Largest Manufacturers of

### Perfection Shingles

in Canada

## Underhill Lumber Co., Ltd.

Dominion Bldg., Vancouver

### RED CEDAR SHINGLES

3x-5x- Perfection and Eureka

### CEDAR BEVEL SIDING

### CEDAR BUNGALOW SIDING

## Shull Lumber & Shingle Co.

Limited

New Westminster B. C.

Trade Mark

### RED BAND SHINGLES

XXX XXXXX Stars Clears

From Mill to You

## Northern Pacific Logging Co. Ltd.

Port Moody, B.C.

Manufacturers of

### High Grade Red Cedar Shingles

If you want a market  
for B. C. Red Cedar  
Shingles put an advert-  
isement on this page.





# Factory Trade

Are your Factory Stocks running low?

I have some handsome lines in the following

## Sash and Door Stock

5, 6, and 8/4 4 and up 6/11 White Pine

5, 6, and 8/4 4 / 7 12/16 " "

5, 6, and 8/4 7 and up 12/16 " "

*Send us your inquiries.*

For personal service, close prices, and prompt shipment,

WRITE

**J. C. BARTRAM**  
JACKSON BLDG., OTTAWA



## Enticing Values

A reputation for giving greater-than-ordinary values is already being built up by this newly established firm.

Before you place an order for Hemlock, Jack Pine or Spruce, let Linton forward you the latest quotations.

**LINTON LUMBER COMPANY**  
306 Kent Building - Toronto  
Phone: Adelaide 3607

President:  
Sir William Price

Established  
1882

Vice-Pres. and Gen'l Manager  
Alfred S. Gravel

# SPRUCE

and

## Hardwood

If its good **Quebec Spruce** you want we have it ready for prompt shipment.

Mail us your inquiries.

We also specialize in **Hardwood Flooring**.

## The Gravel Lumber Co., Ltd.

MANUFACTURERS and WHOLESALERS

Mills and Head Office  
Etchemin Bridge,  
Quebec

Selling Office:  
Room 501 Drummond Bldg.,  
Montreal

## DRY PINE SCARCE

### 1921 CUT AT OTTAWA

Guaranteed not more than 15% Box

150,000'	1 x 4	10/16'	Mill Run	White Pine.
75,000'	1 x 6	"	"	"
20,000'	1 x 8	"	"	"

### 1922 CUT AT GOGAMA

50,000'	1 x 4	10/16'	Mill Run	White Pine.
20,000'	1 x 5	"	"	"
100,000'	1 x 6	"	"	"
30,000'	1 x 7	"	"	"
30,000'	1 x 8	"	"	"
15,000'	1 x 9	"	"	"
30,000'	1 x 10	"	"	"
40,000'	1 x 12	"	"	"
18,000'	5/4 x 6	"	"	"
20,000'	5/4 x 8	"	"	"
20,000'	5/4 x 10	"	"	"
20,000'	5/4 x 12	"	"	"
150,000'	2 x 8	"	"	"
150,000'	2 x 10	"	"	"
100,000'	2 x 12	"	"	"

## The Long Lumber Company

TORONTO OFFICE: - - - - HEAD OFFICE:  
25 Toronto Street - - - - Hamilton, Ont.



## NEW EQUIPMENT

New Dressing and Resawing Plant with "Woods" Fast Feed Planer Matcher with Profiler, and "Yates" Resaw

Situated on C.N.R. at Nelson N.B. Milling in Transit

These additional facilities were made necessary by our growing business. With it we will be able to offer even greater service and quality to our customers.

### O'BRIEN LIMITED

*Established 1869 by John O'Brien*

Manufacturers of Lumber Rail and Deep Water Shipment  
South Nelson, N. B. Miramichi, Can.

## LUMBER OF ALL KINDS

# SANTERRE AND PINEAU

Rimouski, Quebec

Manufacturers and Wholesalers of Lumber

Quality Service, and Delivery Guaranteed

MILLING IN TRANSIT A SPECIALTY

## GET THE BEST

↓  
IT  
WILL  
PAY  
YOU

OLIVER White Pine and Hardwoods add a zip to sales and send your prestige stock soaring.

*Get quotations today*

### The Oliver Lumber Co.

OF TORONTO LIMITED

6 King St. West

TORONTO



## DON'T BE SURPRISED

WHEN  
YOU  
GET  
YOUR  
CAR  
ON  
TIME  
IF  
WE  
SAY  
TRANSIT,  
WE  
MEAN  
ROLLING

### R. G. CHESBRO

Bank of Hamilton Bldg. - Toronto

## SOUTHERN AND NORTHERN HARDWOODS

Red Gum (plain or quartered)	Sap Gum (plain or quarter cut.)	Oak	Ash	Maple
Birch	Southern Elm	Cottonwood	Cypress	
Tupelo	Poplar	Walnut	Mahogany	

HIGH GRADES— When you think of lumber, think of us — SERVICE

*Now is the time to buy*

### Charles O. Maus Lumber Co.

South Bend, Ind., U.S.A.



## Hardwoods Wanted

Send us in your list of  
lumber and let us get  
together.

**The Kinnon Lumber Company Ltd.**  
454 King Street, West - TORONTO

## JAMES C. McCUAIG & CO.

Lumber, Logs, Telephone,  
Telegraph Poles  
Railway Ties, Pulpwood

410 Union Bank Building  
**OTTAWA** **ONTARIO**

CABLE ADDRESS:  
"LUMBEROLL"

Codes:  
A B C 5th EDITION  
ZEBRA CODE 3rd EDITION

*The*  
**Rolland**  
**Lumber Co.**  
LIMITED

WHITE PINE AND SPRUCE

Export and Domestic

62 St. James St. Montreal, Canada

## FRASER BRYSON LUMBER CO., Limited

Office : Fraser Building,  
53 Queen Street - OTTAWA, Can.

*Wholesale Lumber Dealers  
and Selling Agents for*

**FRASER & CO.**  
Manufacturers

**White Pine, Red Pine,  
Spruce, Hardwood  
Lumber and Lath**

## R. Imrie Lumber Company

18 Toronto Street, Toronto

Phone Adelaide 580

We offer for quick shipment the following:

5TH & BTR. SPRUCE & JACK PINE

1 Car 1 x 3 & up—abt. 15% 3"—2 cars 2 x 3 & up ) Dry Stock

2 " 2 x 3 (scant) 1 car 1 x 3 )

SOUND WORMY & M.C. SPRUCE & JACK PINE:-

3 cars 1 x 3 & up 1 car 2 x 3 & up—Dry stock.

1922 CUT MILL RUN NORWAY PINE:-

Abt. 49,000 ft. 1 x 4 & up—29,000 ft. 1 x 4 & 5

11,000 1 x 6 —23,000 2 x 4

55,000 2 x 4 & up—58,000 2 x 6

50,000 2 x 8 —22,000 2 x 10 & 12

12,000 3 x 8 —24,000 8 x 8

2" 3" and 8 x 8 very heavy to 16 ft. evens lengths & widths.

1922 CUT MILL RUN WHITE PINE:-

Abt. 25,000 ft. 1 x 4 & up—65,000 ft. 2 x 4 & up

7,000 1 x 4 & 5 —4,000 2 x 4

6,000 2 x 8 —7,000 2 x 10 & 12

6,000 1 x 8 & up—24,000 2 x 4 & up Mill Culls.

PRICES ON COAST AND MOUNTAIN STOCKS ON REQUEST

## Gregertsen Brothers Co.

McCormick Building  
**Chicago, Ill.**

Yards and Planing Mill at Cairo, Ill. where we  
carry four million feet of high grade Cypress for  
quick shipment.

*We are the Cypress Specialists*



# SIMONDS

## MANUFACTURING COMPANY'S PLANE KNIVES



ESTABLISHED  
1832

Will cut two or three times as long on hardwood or hard work. The Simonds Welded High Speed Steel Knife is a new knife. Made by a new process and successful in every respect. It has a cutting edge of High Speed Steel Welded to a soft backing. When we say "Welded" we mean just that—not brazed as has heretofore been the method in making Carbon Steel Knives. This knife promises to be a big money and time saver for knife users. There is no change in machines required to run this knife. Simonds High Speed Steel Knife will last from three to five times longer than the ordinary Carbon Steel Thick Knife.

*Investigate this knife. Write today.*

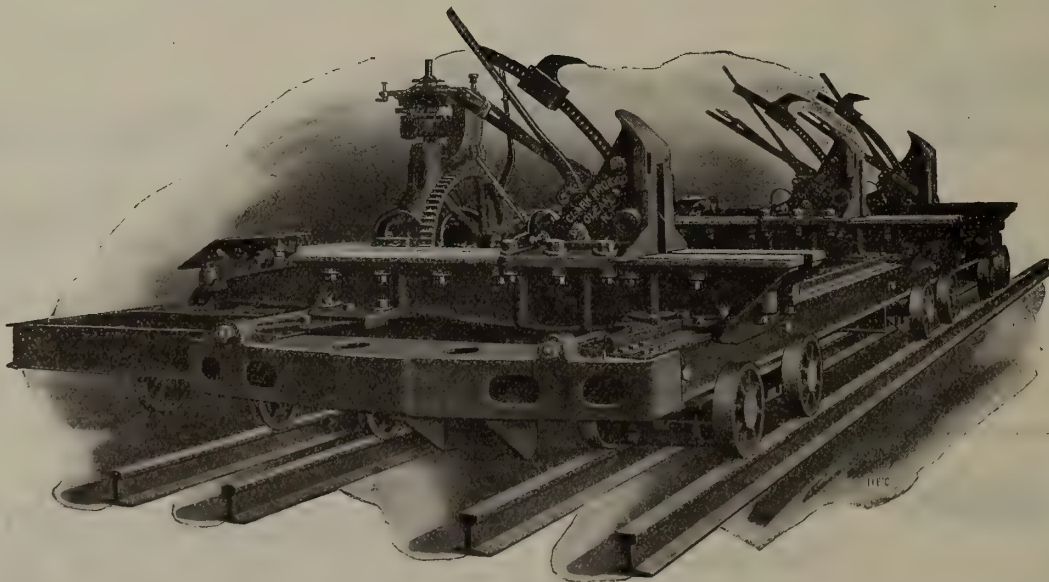
### Simonds Canada Saw Co., Ltd.

St. John, N.B.

MONTREAL, QUE.

Vancouver, B.C.

## The Clarke Improved Pacific Coast all Steel Carriage



Introducing a Clark Improved all Steel Pacific Coast Carriage with Power Set Works. Our carriages are built for extreme rigidity, special provisions for rapid operation and accurate output. We build a complete line of Sawmill Machinery for the Pacific Coast Trade. If you are interested in Improved Machinery we shall be glad to have a representative call on you to go into your requirements in detail. Do you have our latest catalogue? We will gladly send you a copy.

### CLARK BROS. CO., Olean, New York

*Complete Sawmill Engineers and Builders*



## Lumbermen Hear Able Review of Trade Outlook in Forest Products

*Mr. Manbert Says that New Conditions and New Circumstances are Entering into Business Today - Tells How the Future Should be Met—Strongly Urges Elimination of Extravagant Practices and Sets Forth Need for Sane Definite Values, Increased Efficiency and Economy of Operation and Distribution—Standing Committees Appointed for Coming Year*

In spite of the blustery weather and the flu, the regular monthly meeting of the Wholesale Lumber Dealers' Association was held at the Albany Club, Toronto, on February 16th, and the proceedings of the evening aroused considerable interest. Alex C. Gordon, chairman, called the attention of the members to the list of standing committees appointed by the directors for 1923.

They are as follows:—

Admission & Membership—F. H. Bigwood, (chairman), H. G. McDermid, A. E. Read.

Inspection—W. E. Bigwood, (chairman), Jno. McBean, Ernest Parsons.

Audit & Finance—A. E. Gordon, (chairman), J. L. MacFarlane, Alex. Read.

Bureau of Information—H. G. McDermid, (chairman), K. M. Brown, A. S. Nicholson.

Arbitration—A. E. Clark, (chairman), C. W. Wilkinson, R. G. Chesbro.

Fire & Marine Insurance—W. C. Laidlaw, (chairman), J. B. Jarvis, W. J. Lovering.

Legislation—A. C. Manbert, (chairman), A. E. Eckardt D. C. Johnston.

Transportation—A. E. Clark, (chairman), R. Halliday, F. J. Archibald.

Trade Relations—J. L. Campbell, (chairman), Frank Kent, G. E. Spragge.

Terms of Sale—A. Leak, (chairman), C. G. Anderson, J. W. Slater.

Entertainment—L. D. Barclay, (chairman), J. R. Carter, J. Wachter, R. S. Plant, A. Smith.

Attendance—W. M. Fox, (chairman), Hugh Rose, A. E. Cates.

The chairman explained that in the past the Entertainment Committee found their numerous duties in preparing the social activities rather onerous for only three. He suggested that an amendment to the constitution be made to include two more members on the Committee. Accordingly A. E. Read read the amendment to the number which was carried unanimously and recorded in the constitution by the secretary.

L. D. Barclay, chairman of the Entertainment Committee, asked the members how many were in favor of holding an Association dance in the near future. He reminded them of what a good time they had at the last event of that kind, and assured them, with past experiences behind them, the Entertainment Committee were eager to make the next dance the best ever. It was thought advisable to have the secretary send out a questionnaire to the members for the benefit of those who were not present, asking them if they were in favor of holding such a function. About the first week in April, it was decided, would be ample time to make the necessary arrangements and a definite date would be announced later, when it is learned what the majority of the members think of the suggestion.

Chairman Gordon, before proceeding further, remarked on the absence of G. B. Van Blaricom, Editor of the "Canada Lumberman," owing to the recent death of his wife. A. C. Manbert reviewed the friendly relations of Mr. Van Blaricom and the Association and

moved that a resolution of sympathy be tendered him on behalf of the wholesalers.

At the next monthly meeting the chairman announced that a treat was in store for the wholesalers, when James B. Tudhope, of Orillia, would be the speaker of the evening. Those who know Mr. Tudhope and his bright manner of delivery will not fail to be on hand next month to hear him speak on "Some Aspects of Modern Civilization in Relation to Our Everyday Life."

In announcing the next item on the programme the chairman regretted that some of the scheduled speakers for the evening were indisposed, therefore he had much pleasure in granting unlimited time to A. C. Manbert to deal fully with his subject "Lumber Market Conditions." Mr. Manbert opened by saying he was proud to be the only speaker who had not "passed the buck." He admitted that the subject in hand was a good one, but he always felt that when addressing men who knew perhaps more about conditions than he did himself, his utterances were generally discounted at the start. Mr. Manbert was, however, wrong for once as was evidenced by the hearty handclap when he concluded.

### Mr. Manbert on Trade Outlook

Mr. Manbert stated that time alone would tell whether at the present time we were passing through a long period of business improvement or whether we were just experiencing a temporary reaction from the former period of depression. His own idea was that the situation was rather of the latter type than the former, but in saying so, he fully realized that new conditions and new circumstances were entering into our business and social life and into our relationships to such an extent that the free play of natural forces had not the same opportunity to-day as it might have had in earlier times.

Mr. Manbert then devoted himself to a consideration of the labor factor in the present business situation. Labor, of course, was the real promoting and developing factor. We started with our natural resources but it required labor and capital to bring them into relation with one another and to enable them to become effective. Labor today was decidedly short and, under the instinct to labor less for for various reasons and the instinct to curtail our immigration, the fact was that labor, both numerically and its individual attitude, was very much reduced.

On the other hand, we had, of course, implementing forces in improved mechanical methods which, to a considerable degree at least, helped to overcome the labor factor.

Practically speaking, business was good today because everybody was well-employed, both in this country and the United States. The reports of the Ontario Labor Bureau bore out this fact strikingly. It was really surprising to see how very seldom all through this winter there had been any reference made in these reports to real want, whereby municipalities had been forced to indulge in such uneconomical measures as shovelling snow from the gutter into the street, or vice versa, to make work. The steel mills were busy. The prospects for the use of building materials were good. Increased



activities in industrial concerns were furnishing assurance for a definite and constant volume of business during 1923.

All through the situation, there persisted the problem of a satisfactory increment out of business operation. Mr. Manbert presumed that the real thing troubling most people today was how to do business at a profit. There was a large volume of business being done but the margin of profit was small. In every line of productive operation, the real concern today was how to produce at a profit. Economists and statisticians were pretty well convinced that the primary producers, the manufacturers, and the people who had an opportunity and an incentive to restrict unfruitful and extravagant practices, should study the problem intimately with a view to limiting and eliminating these extravagances and bringing their business down to a more substantial basis.

#### The Margin of Profit is Small

The members of the Wholesale Lumber Dealers' Association were largely distributors and they had their part to play today in the elimination of extravagant practices, in the same way as the manufacturer and producer. He did not suppose that any of them could sound any note of extreme idealism or take any very exalted stand



H. G. McDermid, Toronto, Ont.  
One of the newly-elected Directors of  
W.L.D.A. and Chairman of Bureau  
of Information

in the matter of personal responsibility, nor did he overlook the fact that they were engaged in an extremely competitive enterprise. He was satisfied that none of them wanted to see a runaway market. They wanted to see business on a sound, enduring and stable basis. They were really very weary of the necessity for meeting continually alternating experiences—not meeting, but trying to catch the expected actions and reactions of the market. What they all wanted was a little ease, a little relief, a little reaction and a little opportunity to carry on business in a normal way; and he thought that they could help in the process, help themselves and help the general situation by striving, as best they could, to lose sight of the “price” idea and to keep in mind what he might call the “service” idea in their business.

He did not want to assume any foolish attitude. He knew that self-preservation dictated to each one of them to buy as cheaply as he could and to sell as dearly as he could; but their ability to do so would depend upon what their definite policy was. In 1919 and 1920, they had bought everything in sight, because they thought they could get away with it before anything happened, but, alas, they found they could not do it and in the end every one of them got a little tar on his fingers and some of it stuck pretty badly.

#### Eliminate Speculative Increment Idea

What he felt they should do today was that every one of them should try to eliminate from his mind the idea of speculative increment and run his business with the idea of the trading increment. In other words, they should buy their lumber with the idea of seeing if they could make a profit on the then selling price as compared with the then buying price. If they could not, they should try to find out whether they were expecting too large a profit or whether their selling force was not working well; whether there was any-

thing in their business that spelt lack of economy and lack of a definite productive force.

All this really amounted only to an attitude toward the market. No one of them could hope to change the arrangement of things, nor to stem the tide of things, but each of them in his own way and to his own satisfaction could adopt a policy that would be a definite factor towards stability this year, and would help make 1923 a more successful year for themselves, and help also in laying the foundation for the future, if they would set their faces toward the idea of bringing their business down to a recognized basis in all of the practices that ran in and through their business operations.

As usual Mr. Manbert's message was both timely and interesting and chairman Gordon in thanking him, said they were much impressed by the points brought out.

C. W. Wilkinson spoke briefly and said he could not add anything to the remarks of Mr. Manbert. He was in accord with his outlook. Business was looking better every day.

The chairman asked Mr. Frank Kent to address the members, and as no subject was specified, he chose one apparently very close to his heart. He told of the great work that he and others were helping to carry on among the under-privileged boys of Toronto. Several cases he related where conditions in the homes he visited or were brought to his attention were heartrending. He praised the work of Judge Mott, of the Juvenile Court, Toronto, with whom he was co-operating. A summer home was being conducted at Wilcox Lake, North Yonge St., Toronto, to look after the lads whom the Judge considered worthy of being given a chance, rather than sending them to the confines of a criminal asylum. Mr. Kent concluded by emphasizing how essential it was for a father to be a chum to his boy, to try to enter into his life and understand him and to spend a portion of his time with his son.

Mr. Gordon thanked Mr. Kent for his talk on the great work he was doing and added that numerous instances he knew of, had come to mind, of boys in comfortable homes who had taken the wrong path because their fathers had not been a companion to them.

#### Fundamental Status of Lumber Trade

The fundamental economic status of the lumber trade should give us substantial satisfaction. The lumber industry has emerged from the depths of depression with greater rapidity and in a more orderly way than have the vast majority of the basic industries, says Dr. Wilson Compton, of Washington, manager of the National Lumber Manufacturers Association. This general characterization of the lumber situation is, of course, small comfort to those individual enterprises, small in proportion, but large in aggregate number, which have not been able, because of collapse in their transportation service, to share substantially in the active lumber movement during much of the past ten months.

The industry as a whole has much depleted and ill-assorted stocks. It begins the year in a situation more favorable in this respect than that of a year ago. Unless the transportation service can be made more regular and more uniformly distributed, it is not unlikely that after the first of the year there will be an erratic movement in the relatively scarce stocks even though the general average may be not greatly changed. In any event there is no substantial indication that the lumber situation in 1923 will not be as good as in 1922. On the other hand there are many indications, not practicable of enumeration, that it will be as good or better; and so far as fundamental conditions of supply and demand are concerned, good for a considerable period of years to come.

#### Thirty Thousand Lumberjacks Employed

Activity now reigning in the lumber camps is said to have reached the record of the year 1920, and the production this year is expected to be normal as compared with the calm of last year.

The estimation of the Department of Lands and Forests for Quebec is that between 28,000 to 30,000 lumberjacks are now in the camps. All the regions of the province are affected by this renewal of work in the lumber camps.

The price of saw wood and pulp wood is said to be stabilizing, while its delivery is being facilitated by the return of thousands of cars from the west, which had been used for the shipment of grain. Freight cars, which had been detained in the United States have also returned and the situation is said to be most promising for the spring.

There are few farms that have not some corners, hills or ravines, or other untillable ground, where trees might be the only crop. It is a selfish argument with some, that the planter of a tree does not live long enough to benefit by it. This is not strictly true, but, if it were, every man should be glad to do something for the next generation and perhaps he could do no better than to plant a tree.



# Contract Physician and His Work in Camps

## Great Progress Has Been Made in Sanitation and Improved Health of the Men in the Bush—Qualities Which Make for Right Kind of Doctor

By Alex. R. White, North Bay, Ont.



Alex. R. White, North Bay, Ont.

My purpose in writing this article is to place as clearly as possible before those interested in the role played by the contract physicians with respect to industry, and to show the value that should accrue from the painstaking effort of the right type of man.

It seems to be the practice of many writers of such subjects to refrain from saying the things likely to hurt, and, indeed, many seem to dodge in and about so much without making a positive statement that a great deal of value would seem to be lost. To treat our topic in this manner I consider would not only be a serious mistake, but would leave the reader in much the same position as before reading our article. We shall therefore, as one of your recent correspondents

ably stated, tell you what this official did in the past, what he is doing at present, and what we believe he must do in the not too far distant future (and let the chips fall where they may).

In connection with the lumber industry of Ontario, there are employed roughly sixty-five contract physicians. The greater portion of these contracts is on the basis of a season operation, renewing the agreement each successive season. It is common for a physician to hold as many as six contracts with different lumbermen, particularly if the operations are of a small nature.

In recent years several of our larger contractors, particularly those doctors who are associated with paper milling plants and the larger pine operators, have entered into agreements which continue from year to year, with a clause providing for cancellation at say thirty days notice. I rather favor this latter style of contract, for I am certain it makes for greater efficiency in the physician. I have noticed that many doctors who contract in the manner first mentioned carry out their duties in a very lackadaisical manner. The reason is obvious; a small contract and no assurance of continuity, whereas those who are fortunate and far-seeing enough to contract on a continuous basis have something to look forward to and are able to study the employer's business, taking pride in the annual improvement in sanitation for which they have been largely responsible.

The regulations of the Provincial Board of Health state that employers of labor may contract, firstly for the sanitary supervision of all camps, works, etc., if situated in unorganized territory; and secondly, they may also contract for the medical care of their employees. Let us, for greater clarity, analyse the two questions, sanitary supervision and medical care. You will notice I place the question of supervision, or prevention, first. This attitude, I contend, is sound, for since we are primarily a preventative institution our business, and the chief work of the company physician, should in the first instance be to prevent the incident of contagious diseases among the employees, and in order to do so he must become to some extent the sanitary inspector and the health officer for the company with whom he is associated.

### Greater Precautions Against Disease

I feel perfectly justified in the statement that contracting physicians in past years have not dealt with the question of prevention as the situation demanded. If this were not so, the record of communicable diseases prevalent in past years when compared with the present would not be so apparent. It might be argued that employers frown at the doctor who criticizes the camp buildings, the unsanitary conditions which may exist at the cookery door, or the proximity of the water hole to the stable or outdoor closet. Personally, however, we feel that if the case is properly presented the employer will readily remove these hazards. It must be remembered the supervisor is

the teacher in this manner, and if the pupil be delinquent it is the duty of the teacher to devise new means in order to present his case in a more interesting light. Therefore, while the physician of a decade ago might carry on, surrounded by hazards of a serious nature, the doctor of today knows full well that the finding of unsanitary conditions likely to lead to typhoid fever and death at his camps will necessitate an explanation as to his apparent neglect either to have matters corrected or to advise the board in his monthly report.

The doctor is in a rather difficult position. Apparently he is trying to serve two masters, an impossible situation. He is appointed by the company, but may only be removed from office during the currency of his agreement with the approval of the Board;—exactly the same arrangement as a Medical Officer of Health for a town or city, and be it noted he is performing exactly the same work. The security of tenure original in the regulations of May 1921, is for the purpose of leaving the physician's hands free to deal with health matters affecting the welfare of the employees, and which in turn would, of course, effect the employers' business.

The second half of the question,—medical care of the man. Just what is implied here has I am sure, been well-known to both employer and employee alike. It is a form of insurance. One dollar, or a fraction thereof, is deducted monthly from each man's pay. The doctor visits the camp monthly or as often as his contract requires him, at which time he treats any men who are in need, and many physicians also supply hospital accommodation when necessary. It should be known, however, that the supplying of hospital accommodation has never been an obligation on the part of the doctor, although if he contracts to so do, the law would seem to be satisfied. Legally, however, the obligation is a company one or an obligation on the part of the employer. The Board have had little fault to find, generally speaking, with the carrying out of medical care on the part of physicians.

### Good Control of Any Outbreaks

I have heard the statement made frequently by well-informed people living in towns and cities from which lumbermen draw their supply of men, that lumber camps were breeding places for all manner of diseases. I have also heard the same remark passed by several physicians. Some of whom further state that these towns and cities are polluted by men returning from camps from whom spring epidemics of such diseases as smallpox, typhoid fever and mumps. I am not prepared to say that epidemics have not sprung from men returning sick from camps. This is quite possible. I do know, however, that the camps are polluted by the diseases mentioned, by the employees being shipped to camp from homes where communicable diseases exist, unknown to the authorities of these same towns and cities. Of this we have ample proof. It should be pointed out that the control of communicable diseases in camps under our present arrangement is relatively easy as compared with the control of epidemics in densely populated communities. Indeed I see no reason for any disease becoming epidemic in our woods camps, that is to say beyond the first one or two cases. I also believe that when any of our common and well-known diseases assumes serious proportions there is a general laxness somewhere requiring investigation.

Taking the industry as a whole, contagious or communicable diseases are somewhat rare as compared with towns or cities. This is a statement which it seems hard to credit, but is nevertheless a fact. The perplexing problems to be met with by the city Health Officer in his search for the original infective agent, the first case in any epidemic, together with the method of transmission, is, by reason of the simple life of the woodsman, fairly easy to diagnose and to control. It should be remembered that to quarantine a town or even a village, is generally impracticable, and often without value. It is true you might prevent transportation companies from carrying passengers to and from an infected town, thus protecting the communities adjacent thereto. You cannot however, control the comings and goings of individuals within the infected town after the disease has become widespread and sometimes it is difficult to administer the necessary immunizing serums or vaccines.

There are, of course, difficulties to be met in imposing quarantine in woods camps and the contract physician must needs have a



strong personality if he is to convince employees, as well as the management, that such a restriction is necessary. The camp, however, has this advantage over the community in that it may be said to represent a glib family with the foreman the head of the home, and once quarantine is properly imposed you know exactly just who are affected. Those exposed, but who have not yet come down with the disease, may still attend to the daily duties so that matters go on as usual, save that no one may leave camp or mingle with the general public. An added precaution taken is that no employees must be discharged or employed while under restraint. Few men will therefore leave camp leaving behind them a month's swages.

This procedure may not be strictly according to law, but it is justifiable and distinctly effective. Surely the end justifies the means when human life is involved, particularly when no great hardship is being imposed.

In contrasting the prevalence of infectious diseases of recent years with the present time, I would ask you to note carefully how a general knowledge of the modes of infestation have assisted in bringing about this greatly desired result.

It is not sufficient that your doctor and the Board's inspector only possess the knowledge of how these diseases are spread. Every camp foreman, every walking boss or superintendent, and even your employees must begin to understand, at least, the simple facts concerning these outbreaks, and, to this end, I believe, short talks to the men in the bunk houses on simple hygiene would be good. Men must be taught that typhoid fever is not obtainable by drinking water from a virgin swamp far removed from human habitation. They must learn rather that in some manner are discharges from some infected person's bowels has been swallowed either through drinking water or carried by flies from an open closet to an unscreened kitchen or possibly some one connected with the cookery staff is carrier of the disease.

#### The Smallpox Scourage and Deaths

From the late Inspector G. Young's reports I find that from 1910 until 1916, no special statistics representing the occurrence of disease in camps have been kept. It would seem that such statistics have been compiled in the Board's blue book by district. I find it quite impossible, therefore to state definitely the proportion of these cases which may have occurred in camps. I find, however, that in 1910 smallpox occurred at Kearney, Whitney, Massey and in some camps near Cobalt and, of course, we have in the same year the great typhoid fever scourage at Cobalt, Kelso, Porcupine and Haileybury, and while it might be argued that mining camps are different, yet there was in those days a certain similarity. At Cobalt, there were according to the records one thousand one hundred cases, but no mention is made of the death toll.

In 1911, I find Dr. R. W. Bell makes mention of smallpox and typhoid fever at camps near Madawaska and at the mouth of the Spanish River. He also states that the stage would seem to be for a general smallpox epidemic throughout Northern Ontario. The rapidity with which communicable diseases unsupervised may spread is well instanced by reference to the epidemic of typhoid fever at Ottawa during this year for in Dr. R. W. Bell's report to the Board he mentions that from January first to March eighteenth no fewer than eleven hundred and ninety-six cases developed, with a heavy death toll.

I could give you some interesting figures of the prevalence of these diseases in construction camps, particularly in railway camps. These stories I have gathered from physicians who supervised the works at that time. I make no further mention of these, however, there being no official record to support my claims.

It has always been a difficult matter to separate the diseases which occur in any particular industry in territory without municipal organization. The physician in attendance might send his returns to the nearest Medical Officer or to the Secretary of the Board at Tor-

onto, but I suspect that in many instances no returns whatever may have been made. We of today experience this same difficulty, but to a lesser extent. By careful watching and co-operative arrangements with the contract physician we can generally tell almost exactly the number of infectious diseases which occur in camps during winter, and in addition we make a point of knowing just what may have been responsible for the outbreak. We expect the doctor to write a history of the case when reporting (as he must) each month.

#### The Record in Cutting Camps

From the year 1918 until the end of the season of 1922, the following diseases occurred in cutting camps:—

1918,	Smallpox,	Byng Inlet,	6 cases
		Foleyet,	6 cases
1919,	Smallpox,	Biscotasing,	10 cases
		Camp near Timmins,	2 cases
1920,	Smallpox,	Kemny's Siding	1 case
		Laveck,	5 cases
		Madawaska,	3 cases
		Camp, Township of Blythe	1 case
1921,	Smallpox,	Kenebeek,	1 case
		Kiosh,	8 cases
		McLaren's Bay,	3 cases
		Brule Lake,	1 case
		Kenny's Siding,	1 case
Total			44 cases
1918,	Typhoid Fever,	Georgian Bay Lmbr. Co.,	11 cases
1919,	Dysentery,	Espanola,	20 cases
1920,	Typhoid Fever,	Woods camps near Gogama	10 cases
1921,	Typhoid Fever,	Kenny's Siding,	1 case
		Brule Lake,	1 case
		Chudleigh,	1 case
		Joko River,	2 cases
		Keewatin Lumber Co.,	2 cases

Total Typhoid	28 cases
Dysentery	20 cases
Mumps,	2 cases
Pakesley,	2 cases

Reported cases for the year mentioned 94 cases

When we consider the total case record for the years mentioned as being ninety-four cases, and add to this the fact that we are possibly, taking into consideration our woods camps, saw mills, etc., employing roughly thirty-five thousand men, this is very reasonable and would constitute an enviable record for most towns of, say, ten thousand inhabitants.

#### The Kind of Doctor to Engage

Someone may ask why smallpox cases seem to have occurred largely in the districts of Nipissing, Temiskaming and Sudbury. This is known among health workers as smallpox territory, by which I mean that there is a great, unvaccinated population there, and for some reason or other the large French population of these districts seems to provide us with most of our cases, particularly in organized territory.

Let me say in conclusion, lumber companies should choose the type of physician who is to control the destinies of the operation with great discretion, for the Doctor, who has the real interests of the company at heart and is popular with the men is a big asset. He must needs be a man in whom the pioneering instinct is strong. He must like the rough work, not wholly for the generous remuneration it provides, but also for the progress he is able to make in bettering living conditions at a minimum of cost, and above all he must be liked by the lumberjacks or he cannot succeed.

These are some of the qualities I think your physician should possess and to this end our Board are always anxious to assist employers in selecting a suitable doctor for their particular work.

## Some Short Lengths Culled for Busy Readers

Business is like a wheelbarrow—it stands still unless someone pushes it.

"One kind word while you can hear it, beats a brass band on your last ride."

We doubt if national laugh week will be unanimous success. Somebody is sure to have a note falling due in that week.

The majority of lumbermen who have seen electrified outfits at work are enthusiastic about this form of motive power. It is claimed

that before long electric logging will receive official recognition because of the anxiety of governments to prevent forest fires.

The convincing argument is, of course, the fact that it costs less, output is increased, and lumbermen are willing to listen to arguments of this kind.

Canada has over 2,500 sawmills and there is some kind of logging outfit feeding nearly every one of them. The total capital invested in the lumber industry amounts to about \$235,000,000 making it one of Canada's greatest industries. The adoption of electric drive wherever possible, is a feasible thing, one worth working for and easily capable of accomplishment, if lumbermen are shown what electricity will do for them.



# *Educating Mill and Yard Men in Safety Work*

## *Members of Ontario Retail Lumber Dealers' Association Impressed With Fact That Physical Hazards May be Reduced by Use of Mechanical Safeguards*

The report of the Insurance and Workmen's Compensation Committee of the O.R.L.D.A., of which W. C. Laidlaw, of Toronto, is chairman, was presented at the recent annual meeting of the Association in Windsor, Ont., and aroused much interest.

Under the heading of "Fire Insurance" the report, which was adopted, said:—

This is a subject that should have the careful consideration of every member of our Association, as it is a matter of much importance in the lumber business. It has been suggested that a lumber mutual insurance company might be organized in Ontario. Your committee, as at present constituted, is not in favor of this proposal. The field in Ontario for a company specializing in lumber risks only is too limited, in our opinion, to give a fair average. There are in the United States a number of quite large lumber mutual companies that have been very successful because they have a large field in which to work. A great many of our members are familiar with these companies and carry insurance with them.

Our local Canadian companies have been jealous of the competition of these outside companies, and for some time have been trying to get legislation to shut them out. During 1922 an Act was passed imposing a tax of 5% on the net premiums paid to unlicensed foreign companies, including the lumber mutuals. This tax is rather irritating, and we hope during 1923 to succeed in having it repealed. The lumber mutual companies, however, have undertaken to refund to their clients the amount of this tax; so as far as we are concerned, it has not meant any additional cost of insurance.

### **Workmen's Compensation Insurance**

This is a subject that is becoming of more interest to all of us every year, as it affects our expenses very considerably. The accident cost shows signs of becoming less. The report for 1922 is not yet available, but the report for the year 1921 indicates a reduction in the amount of compensation paid. The Workmen's Compensation Board has fixed the provisional rate for Class 4, planing mills, etc., at \$2.00, which is the same as the rate for 1921. We hope that there may be a reduction in the rate for 1923, but that will depend on the actual figures for 1922 when they are finally issued.

It is tiresome to listen to a list of figures being read, so this report will not impose on you at any length in that regard. You will be interested, however, in these figures for comparison between the final results of 1920 and 1921 in our class.

Total net income .....	\$302,000	\$266,000
Total expenditure .....	286,000	217,000
Actual compensation paid .....	85,000	69,000
Paid for medical aid .....	26,000	19,000

The other expenditures are made up of pensions and compensation estimated for outstanding accidents and continuing disabilities. The Workmen's Compensation Board has accumulated a very healthy balance to cover contingencies, and we hope that very soon they will consider the amount collected sufficient to provide for all the contingencies, and will reduce our rates.

The only sure method of reducing rates is to reduce our accidents. We think a great deal can be accomplished in this direction by educating our employees to the safety idea. We urge each employer, superintendent and foreman to give serious thought to this subject, and to try and get the interest of the men directed on safety-first lines.

The Wood Workers Accident Prevention Association has been organized to help this work. Their inspectors call regularly at each of your plants with the idea of assisting you to reduce the cost of accidents. They will suggest to you how the physical hazards may be reduced by the use of mechanical safeguards. They are also working in your interest to keep before your men the idea of safety. When these inspectors call, please give them an opportunity to be of service.

### **Accidents in Yards and Mills**

Through the kindness of the Workmen's Compensation Board, your committee has been given access to a special memorandum showing certain outstanding causes of accidents in planing mills and lumber yards. During the year 1922 the heaviest accident record is from handling material, which accounts for 19% of all accidents in our class. Trim and rip saws account for 10% of the accidents, and

other saws not specified for 13%. Other machine tools account for 10% of the accidents, and hand tools for 6%. The following is the order in which the machine accidents have happened. The largest number of machine accidents occur on jointers, next come planers, then stickers, shapers, lathes, sanders, tenoners, and abrasive wheels.

Some of the most serious accidents in the point of cost occur through blood poisoning. It has been found that wood splinters cause blood poisoning, and great care should be taken in first aid treatment of these accidents. It has been claimed by some wood workers that splinters from oak are more likely to cause infection than splinters from other woods. The Provincial Department of Health is making an investigation at the present time on this subject.

The system of merit rating has been under discussion this year. For several years the Workmen's Compensation Board has had a system in effect whereby employers with a good experience for one year received a refund, and those with a bad experience paid an additional charge. The Board has lately decided to place the merit rating on a three-year basis instead of a one-year basis, which will be more equitable. It has been suggested to the Board that the percentage for merit or demerit rating should be higher than it is, but no change has been made in this regard so far. It should be borne in mind in this connection that the principle of insurance covers the average of the whole class. An accident involving compensation to the extent of \$10,000 might happen to some small employer, who would be in financial trouble if he had to pay a large part of this loss. The object of merit rating is to encourage the man who takes care to avoid accidents without departing too far from the basic principle of insurance.

### **Midsummer Outing Down St. Lawrence**

At a recent meeting of the newly-elected directors of the Ontario Retail Lumber Dealers' Association it was decided to hold the usual midsummer outing and the secretary was instructed to enquire into the possibilities of a trip by steamer on Lake Ontario and through the Thousand Islands. A report will be presented on this matter at the spring meeting of the directors.

One of the newly elected directors of the Association is W. E. S. Savage, of Mimico. He has long manifested much concern in the work of the organization and is a live wire in the retail ranks. For many years he was engaged with George Rathbone, Limited, of Toronto, and starting in business a few years ago on his own behalf in Mimico, he has done remarkably well.

The entertainment feature in connection with the recent gathering of the Ontario Retail Lumber Dealers' Association at Windsor, was furnished by the members of the South West Ontario Retail Lumber Dealers' Association and they left nothing undone. Special committees had charge of the work on hand and every arrangement was well looked after. S. Herath, of Ojibway, was the chairman of the Entertainment Committee, and was ably assisted by E. C. Russell, of Walkerville, president of the S.W.O.R.L.D.A., George N. Kernohan, London, vice-president, B. F. Clarke, Glencoe, secretary-treasurer, and many others.

### **Montreal Lumber Retailers Elect Officers**

The Montreal Retail Lumbermen's Association elected their officers at a meeting held on February 8th at the Queen's Hotel. In the absence of J. P. Dupuis, who was out of the city, W. H. Thomson presided.

In order that each section of the city should be represented on the directorate, the city was divided into five districts, each represented by a director. The officers are: President, J. P. Dupuis, (J. P. Dupuis, Limited); Vice-President, Stewart Rutherford, (Redfern Lumber Co.); Directors, District No. 1 (extreme north) J. A. Bonneau, (Millen & Frere); No. 2 (north) G. Lebel; No. 3 (centre) W. H. Thomson, (Thomson-Kneeland Lumber Co.); No. 4 (East) J. P. Abel, (J. P. Abel, Fortin & Co.); No. 5 (West) L. W. Halliday, (William Rutherford & Sons Co., Ltd.) The officers replace the temporary officers and committee elected at the second meeting.

The Association, which now numbers 34 members, meets every other Wednesday at the Queen's Hotel.



# What the Lumber Trade is Doing in Canada

J. P. Dupuis, president of the Montreal Retail Lumbermen's Association, was a recent visitor to Quebec City.

Frank Buck, of Chicago, chief of the inspecting staff of the National Hardwood Lumber Association, was in Toronto recently on business.

The sawmill and stables of M. Bertrand, Masham Mills, Que., were recently destroyed by fire. The loss is partly covered by insurance.

M. & K. Lumber Co., Ltd., Toronto, is a new firm with provincial charter to manufacture and market lumber, lath and shingles. Capital \$75,000.

The erection of a sawmill to cost \$5,500 is contemplated at Whonnock, B.C. The principals are Mayor Philpot and R. S. Whiting.

The Mattawa Lumber Co., Ltd., Montreal, is a new firm recently incorporated with a capital of \$50,000, to deal in all kinds of wood products.

A. E. Clark, of Edward Clark & Sons, Limited, Toronto, and Mrs. Clark are spending a few weeks at various points in Florida and are enjoying the southern sea breezes.

W. H. Harris, of the Frank H. Harris Lumber Co., Toronto, left last month for the southern operations of the firm at Meridian, Miss. He will remain in the south for some weeks.

Oliver Carlaw, of Paisley, Ont., recently purchased the interest of a retail lumber business from J. T. Fisher, of that town. He is now operating this as well as the grist mill which he owns.

G. W. Webster, of George Webster & Sons, Swanton, Vt., was a guest at the luncheon of the Montreal Wholesale Lumber Dealers' Association on February 21st.

Belle River Lumber Co., Ltd., Quebec, P.Q., has been incorporated to conduct a general business of manufacturing and selling the product of the forest with a capital of \$20,000.

Weismiller Bros., Bala, Ont., have installed a new Yates type A-1 15 inch planer and matcher equipped with single profiler and six knife round cylinders, which has greatly increased their output of quality finished stock.

Duncan McLaren, president of the Union Lumber Co., Toronto, and Mrs. McLaren left recently by the "Adriatic" from New York on an extended Mediterranean cruise, and will be absent until the end of May.

A. C. Manbert, of the Canadian General Lumber Co., Toronto, left recently for La Jolla, California, where his wife and daughters are spending the winter months. Mr. Manbert will be away for some weeks enjoying a well earned holiday.

A charter has been granted to the Adanac Lumber & Mfg. Co., Limited, with headquarters at 34 Victoria St., Toronto. The new organization is composed of several local citizens, and a meeting for the election of officers will be held in a few days.

W. W. Carter, president of the Fesserton Timber Co., Toronto, and Mrs. Carter are spending a few weeks at St. Petersburg, Florida, where they are enjoying the ideal climate of that delightful resort. There W. C. Irvin, of Toronto, and William Laking, of Hamilton, are also having a splendid holiday.

Southampton Plywoods, Limited, who some time ago took over the business of Panels Limited, at Southampton, Ont., in the manufacture of table tops, panels, etc., are doing a good business and report the outlook for the coming year is promising. J. Hood is the general-manager of the organization.

C. Blakeley, manager of the Montreal office of Cox, Long & Co., Limited, is recovering from a very serious attack of pneumonia, which threatened his life. R. H. Lightburne, of the London office of the company, has arrived in Canada to look after the interests of the firm during Mr. Blakeley's absence.

John B. Reid, of Toronto, who is spending the winter months in St. Petersburg, Florida, says there are about five hundred Canadians there and lots of Toronto people, among them being several lumbermen, "We are having" he adds, a great time bowling. The weather is warm and the days delightful. Every place here is crowded and it is difficult for the late arrivals to get rooms but all seem happy. We have about four hundred members in the Canadian Club here."

Among the recent callers on the trade in Toronto was Mr. Atwood, of the Atwood Lumber Co., Grand Rapids, Mich., Mr. Forest, of the Lesh-Matthews Lumber Co., Chicago, Mr. French, of the William Weston Lumber Co., Boston, and Mr. J. H. Green, of De-

troit, manager of the hardwood department of the H. W. Kanouse Lumber Co., Saginaw, Mich.

John A. Belford, of Ottawa, Ont., who is a widely known lumber salesman, has discontinued operations under his own name and has become associated with D. G. Gilmour. The firm will continue under the old style of D. G. Gilmour & Co., and is removing its offices from the Citizen building to 142 Wellington St. Ottawa, where the quarters formerly occupied by the Royal Trust Co. have been secured.

The Pacific Coast lumber mills are flooded with orders for overseas points, and a brisk season is looked forward to, says an Edmonton lumberman. Conditions are not so good with the mills in the interior of the province, and although the majority are logging, the manufacturers do not anticipate any great demand from the prairies, until such time as good crops wipe out some of the present financial difficulties. At the present time the interior mills are fostering the markets in the east and Ontario, and the bulk of the lumber will go to those areas.

The production of the Canadian Western Lumber Company of Fraser Mills, B. C., in December totalled 3,513,487 feet of lumber, as compared with 4,876,102 feet for December, 1921. Lumber sold amounted to 8,018,898 feet, as compared with 4,596,401, and price realized at \$178,925, compared with \$118,053. For the twelve months of 1922 lumber manufactured aggregated 110,418,820 feet, as compared with 89,927,331 feet for 1921, and lumber sold 116,869,587, as against 85,679,969 feet. Aggregate price realized amounted to \$2,803,943, as against \$2,237,935.

The Quebec Streams Commission has received tenders for certain damming work at Kenogami which, it is estimated, will cost one million and a half dollars. A deposit of \$150,000 is required with each tender. The work, which is to be completed in the fall of 1924, comprises the construction of two large dams on Sable and Chicoutimi rivers, and small damming work on nearby streams. The object is to guarantee a sufficient level of water through huge reservoirs to allow Price Bros. and the Chicoutimi Pulp Mills to operate during the whole year, instead of laying off a large number of employees at this time of the year, as customary.

The creditors of Riordon Company, Ltd., Montreal, are in receipt of a circular letter from the creditors' committee, signed by R. Montague Davy, chairman, which reads in part:—"As you will recollect, the general meeting of creditors held on November 16th, 1922, requested your committee to continue to serve, and to fill any vacancies which then existed or which might occur. At a meeting of the committee held later in the day the two vacancies caused by the resignations of Messrs. W. S. Sample and Chas. E. Fraser were accordingly filled by the election of A. E. G. Madley, of Montreal, and A. L. Perkins, of Powassan, Ont. The personnel of the committee otherwise remains as before."

The annual meeting of the Provincial Paper Mills Co. was held at the head office in Toronto recently and a satisfactory report of the past year's operations was presented. I. H. Weldon was re-elected president, T. A. Weldon vice-president and S. F. Duncan secretary-treasurer. The company is the largest producer of book papers in Canada and has mills in Port Arthur, Thorold, Mille Roches and Georgetown. During 1922 the plants were kept busy although production was principally on the lower grades of paper. The profits were slightly in excess of 1921, the figures being \$729,261 in 1922 and \$728,775 in 1921. Interest and dividends received were \$34,700, making the total returns for the year, \$763,961 as compared with the 1921 gross of \$761,395.

It is reported at Port Arthur that negotiations are under way between representatives of the Great Lakes Paper Company and the owners of the Long Lake and Nagagami concession which are located east of Lake Nipigon, and that the proposal is to merge these with the Black Sturgeon and Pic limits already owned by the Great Lakes Company who would proceed with the whole development as one scheme. The Long Lake and Nagagami concessions were sold by the Government during the depression of 1921 and brought low prices, considering their timber value. The greater part of the timber is naturally tributary to Lake Nipigon, although no condition was attached making it obligatory on the part of the successful tenderer to use Hydro power, which is available through the Cameron Falls development on either of the concessions.

Every employee should realize that the danger of fire is always the mills should burn it would mean a personal loss to him by reason of interference with his regular employment. He should, therefore, feel a personal responsibility for the safety of the plants.



## New Name of Widely Known Lumber Firm

**Successors to Terry & Gordon, Limited, are Terry-Nicholson-Gates, Limited—Personnel of Organization.**



H. J. Terry, Toronto

An announcement of much interest and importance to the forest products industry is that the successors of the well-known wholesale firm of Terry & Gordon, Limited, are Terry-Nicholson-Gates, Limited, with offices at 703 and 704 Confederation Life Building, Toronto, which were the headquarters of the old firm. Other than in the change of name, the personnel of the new organization does not need any extended reference in the "Canada Lumberman."

H. J. Terry, who is president of the new company, was also at the head of the former organization. He is well and worthily known, having been for over twenty years before the trade. He is one of the founders of the Wholesale Lumber Dealers' Association, Inc., and during

the past year was its presiding officer. He has always shown deep concern in Association work. Mr. Terry is a director of the Rotary Club of Toronto and is also active in its social welfare campaigns and other humanitarian movements. Born in Toronto, Mr. Terry has resided in the city all his life.

A. S. Nicholson, who is managing director, retains the same position as he held in the old firm since its incorporation. He is intimately known to the retail trade in Ontario through his connection with the Nicholson Lumber Co., Limited, of Burlington, and just recently disposed of his interests in that concern. Mr. Nicholson was one of the original directors of the Ontario Retail Lumber Dealers' Association and was active in the formation of the association. Practically his whole business life has been devoted to the lumber industry. He has had considerable experience in British Columbia, having been associated with a manufacturing concern in the Mountains as early as 1902.

A. E. Cates, secretary-treasurer of the new company, has spent all his life in the lumber arena, his first position being as a messenger boy in the Toronto office of the Robert Thomson Co., of Hamilton. He later became associated with the Ontario Lumber Co. and eventually secretary-treasurer of that body. A few years ago he was appointed to a similar position with Terry & Gordon, Limited. When not engaged in business Mr. Cates is an enthusiastic bowler and motorist.

J. E. Green, Quebec representative of Terry & Gordon, Limited, retains the same position with the new company, and his headquarters will continue to be in Montreal.

A. E. Richards, who covers the ground East of Toronto, is a hustling young man who has been with the organization for a considerable period.

R. A. Watt, who represents the firm in Western Ontario and the Niagara Peninsula, has been associated with it for many years and is an aggressive salesman.

W. M. Gilbert is in charge of the accounting department and is thoroughly conversant with all matters in connection with that branch.

Many friends in the lumber industry will join in sincere wishes that the newly-organized firm of Terry-Nicholson-Gates, Limited, may enjoy a large measure of success and expansion.

### Eastern Cut Curtailed By Deep Snow

Lumbering operations in the province of New Brunswick as well as that of Nova Scotia, especially along the coast was badly crippled as a result of exceptionally heavy snow storms. As a result it is feared that the cut will not be much more than fifty per cent of the quantity planned. The curtailment resulted in many crews being withdrawn from the woods and operations halted until conditions are more favorable. Some operators are pessimistic and say that there is little prospects of a betterment because of the fact that there was so little frost in the ground prior to the heavy snow falls. In the northern part of the province of New Brunswick

reports indicate that conditions are quite opposite. It is said that in some places there has not been sufficient snow to facilitate operations, but that the cut will be as large as planned.

Leading lumbermen announce that in the southern parts of New Brunswick there is no denying that the cut will not be more than fifty per cent of that decided on. They expressed an opinion that Albert county was hit hard and from all indications only twenty-five per cent of the original planned cut would be brought out of the woods. Other merchants contend that they do not think conditions will be as serious as first reports might indicate. They said many feared an over-production, but, at least, there is now fear of that and there should be a sufficient supply for the demand.

Along the Miramichi there is lots of snow but not within fifty per cent of the amount that fell along the coast, according to late reports. From Campbellton comes a report that there is sufficient snow to carry on, but by no means enough to retard operations. Advices from Kings and Queens counties are to the effect that the snow is too deep for operations and activities in many localities entirely ceased for a while. Some operators in these districts say they fear they will not be able to get a stick out this year largely due to the condition of the ground and the absence of frost.

Commenting editorially on the situation the Evening Times of St. John N.B. says: "The depth of snow would seem to be a guarantee that the cutting of lumber will not be overdone this winter. It should also ensure good log-driving in the spring—if it does no worse."

### Sudden Death of Harry Turnbull

Lumbermen throughout Western Ontario heard with deep regret of the death of Harry Turnbull, of Sarnia, which occurred in the General Hospital, at Chatham, recently, following an acute attack of Bright's disease and peritonitis. Mr. Turnbull had attended the Ontario Convention in Windsor, and was returning home, getting as far as Chatham, when the attack caught him. He was hurried to the hospital, where every medical aid was given him, but without avail. Harry had a wide circle of friends, who will miss his ever cheerful presence, while many customers will miss a shrewd business man, and one well versed in the forest products business. His early education in the lumber line was received in Huntsville, when he was a lad. He was also a partner of the LeBel-Turnbull Lumber Co., of Sarnia, which later was destroyed by fire. He was manager of the Spanish River Lumber Co. for years, and of late years he represented several companies, selling on a commission. He was one of the largest stockholders in the Wallaceburg Lumber Co., and was one of its directors. He was also interested in the Geo. H. Kernohan Lumber Co., of London.

Mr. Turnbull is survived by a widow and two sons, who, together with a host of friends, mourn his early death. The funeral which took place from his late residence, Brock St. N. Sarnia, was attended by many representatives from lumber firms all over Ontario. Numerous lovely wreaths bore silent testimony to the place he held in the hearts of his friends.

### Prizes in Aid of Forest Conservation

Frank J. D. Barnjum, of Annapolis Royal, N.S., and Montreal, who recently awarded \$5,000 in prizes for the best treatise on the most practical methods of preserving Canadian timber from further destruction by the budworm and other insect pests which have recently caused such great losses to our forests, is now offering \$2,000.00 in prizes for the most convincing argument in favor of prohibiting the export of manufactured wood from Canada. One thousand dollars of this will be paid for the best argument in the English language and \$1,000.00 for the best in French, in the following manner:—Five hundred dollars to the winner of the first prize in each language; \$250.00 to the second; \$150.00 to the third, and \$100.00 to the fourth. The competition is open to all residents of Canada. The essays must not exceed 600 words in length. The competition will close on March 15th and no entry will be eligible bearing postmark later than that date. Entries should be addressed to Frank J. D. Barnjum, New Birks Bldg., Montreal, Que.

Mr. Barnjum is a strong advocate of the policy of retaining Canada's timber supply in the country for the protection of Canadian industries and for the benefit of our own people and one of his purposes of instituting this competition is to start more people thinking and also obtaining Government action on what he regards as Canada's most vital problem, namely forest conservation.

At the annual meeting of the British Columbia Lumbermen's Association held recently in Vancouver, Mr. J. D. McCormick, manager of the Canadian Western Lumber Company, was elected president.



### New Director of Ontario Association



M. J. McDonald, Port Arthur, Ont.

Martin J. McDonald is one of the newly-elected directors for the Northern District of the Ontario Retail Lumber Dealers' Association. He is manager of the Thunder Bay Lumber Co., Limited, Port Arthur, and takes a deep interest in Association work. Mr. McDonald is a strong acquisition to the Executive of the O.R.L.D.A., and has had considerable experience in the lumber line. He came originally from Appleton, Wis., where he was connected with the Miller Co. In 1909 he entered into partnership with A. D. Kennedy and opened up a retail lumber and fuel yard in Port Arthur which was known as the Thunder Bay Lumber & Fuel Co. Some years later he returned to Appleton, still retaining his interest in the Port Arthur concern,

and together with his brother, D. J. McDonald, of the McDonald Lumber Co., of Winnipeg, took over the Miller Lumber Co., when they first became acquainted with the lumber business. Last year the subject of this reference disposed of his interests in the Appleton yard and returned to Port Arthur, taking over the entire business of the yard there under the name of the Thunder Bay Lumber, Co. He also opened a new branch at Fort William, the latter venture meeting with considerable success.

### Noted Lumberman Sounds Warning Note

One of the most serious problems facing lumbermen, from time to time, is the very great fluctuation in the lumber market. This very materially affects the construction industry, and is a subject that should be considered very seriously in all of its phases by lumbermen, says John E. Lloyd, president of the National Retail Lumber Dealers Association, Chicago.

Stabilization of the construction industries is a matter that is being considered in the building trades at the present time, to the end that those engaged in it may be employed continuously. Lumbermen can aid materially to achieve this much to be desired result by working together in an effort to see that lumber production continues on an even basis throughout the year.

Any effort along these lines, however, in the construction industry will be useless unless labor is willing to do its part to prevent the wages paid reaching a point where construction of necessity slows down on account of the increased cost.

To-day, I believe, we are in a position where the tendency to materially increase prices of material entering into construction, as well as the very rapid increase of wages is going to have the effect of sooner or later curtailing, not only the construction industries but general business. While the reaction will certainly not be as serious as it was in 1920, the fact remains if prices continue to advance we cannot look for anything but a sudden reaction sometime during the present year. This is to be avoided if at all possible, but can only be accomplished through active co-operation of everyone, having in mind a sincere effort to stabilize conditions, not only in the cost of raw materials, but also in the wages paid in the building industry.

### How "Buddie" Got His Sled and Mitts

A pleasing yet touching incident was referred to the other evening at the regular monthly meeting of the Wholesale Lumber Dealers' Association, Inc., at the Albany Club, Toronto. The human interest event revealed how widely the name of a firm is broadcasted through advertising and demonstrates the faith and vision of a child living over a thousand miles distant.

The other morning Frank Kent, president of the Seaman, Kent Co., Toronto, while opening his mail, pulled out a piece of brown paper, covered completely in a bold, juvenile hand. His attention was at once arrested to the characteristic note which came from a girl away down in Cape Breton. He was impressed by its candor and trustful spirit and promptly sent the child a remittance in order to buy her little brother a pair of warm mitts and a coasting sled.

The letter from Gracie McLean, West Bay, Cape Breton, under date of January 17th, reads:—

dear Seaman Kent Company

I saw lots of talk about your pretty hardwood flooring the paper said you were the biggest firm of hardwood flooring in the world. I thing you must be an awful rich firm I just thought I would send you my pin cushion I made it I thought som gentleman would take it from me and would give me little money for I want to get my little brother a coasting sled and a pair of warm mittens but I can't get him this altho he wants them bad. I am too poor to get this for him my parents are both dead. Altho I made this cushion there is no nice gentleman here in the country but old fashion fishermen they don't care to have a cushion to hold their tie pins please excuse me for bothering you dear Seaman Kent Co. I was thinking because your firm was so big that some gentleman would like my cushion. With best wishes,

Gracie McLean.

A post office order for \$5.00 was sent by the Seaman, Kent Co. who asked young Miss McLean for a photograph of herself and her brother. The letter also complimented Gracie upon her nice handiwork and industry as revealed in the pincushion, and added that the people in Ontario had to work just as hard as the fisherfolk in Cape Breton. The firm enquired if Gracie had any other brothers and sisters and invited her to write again in the near future, telling more about those near and dear to her.

Gracie's reply was as follows:—

Feb. 10, 1923.

dear Mr. F. Kent Co.

I got your letter some time ago wth the 5 dollars which I was awful glad to get I should have answered your letter to thank you so much for all that money but the road here in the country was very bad with snow banks that the mail driver could not go with the mail for a week. dear Mr. Kent I am so sorry that I have no photo of myself or little brother. We never did because there is no photographer here in the country we would have to go on a train to have them taken. we will try to go somewhere to have ones taken next summer and send to you its so hard to go anywhere with the snow now.

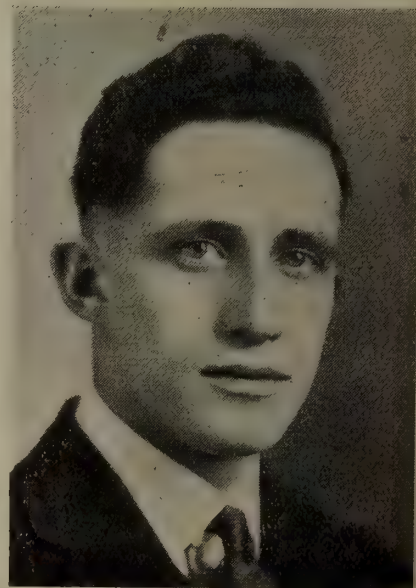
With many many thanks for the money and the best of wishes to you.

Gracie McLean,  
West Bay, C.B.

### Live Wire in the Central District

J. H. Rodgers, of the Ball Planing Mill Co., Limited, Barrie, Ont., was recently chosen as a director of the Ontario Retail Lumber Dealers' Association for the Central District. A live wire in the business he takes much interest in the progress of any movement with which he is associated. Mr. Rodgers is secretary-treasurer of the Ball Planing Mill Co., which position he has occupied for the last three years. This organization is one of the oldest in Ontario, having been established between sixty and seventy years. The founder, George Ball, is still living although ninety years old.

Twenty-five years ago the industry was taken over by J. D. Rodgers, father of the subject of this reference, and William Gallely, and the company was incorporated in 1910. J. H. Rodgers attended the public school and collegiate institute in Barrie and during that time was naturally more or less interested in his father's business. Seven years ago he came to Toronto and was employed by the R. Laidlaw Lumber Company, first in their West Toronto yard and later in their Spadina yard office. Late in the fall of 1916 he enlisted for overseas service and spent eleven months in France with the P.P.C.L.I. and was later with the 3rd Canadian Machine Gun Battalion. He was severely shell-shocked in September 1918 and was invalided home. During his convalescence he took a course in vocational training at the University and also special studies in plan-reading and estimating which have proved most valuable in connection with his work at the Ball Planing Mill Co., Barrie.



J. H. Rodgers, Barrie, Ont.



# You'll Never Make a Lumberman Smithie —Bushwhacking in Australia—

By A. de H. Smith, Edmonton, Alta.

At one period of a somewhat variegated career I found myself stranded in an agricultural community on the north coast of New South Wales, Australia, where dairy farming was suitably blended with lumbering, and where an enterprising young chap might draw a weekly stipend equivalent to \$2.50, provided he could milk cows, swing a lusty axe, and drive fourteen span of bullocks. Being embarrassed financially I hired out as a combination lumberjack-dairyman to a local timber magnate and proceeded to work for a living. This latter consisted in rising at 3.30 a.m., chasing sundry cows over the rocks and through the bush to the yards, where, until about 8.30 a.m. dairying was in vogue, then to the house for breakfast, following which the day's work commenced.

Each settler possessed a little clearing in the bush where the accursed cows fed, such time as they were not being milked; the surrounding area consisted of a tropical growth of timber which had of necessity to be felled to give agriculture elbow room, and after breakfast and until 4.30 p.m. when it was once more time to attend to the bovines, axe and cross cut saw rang.

## Thick Nature of Timber Growth

The big sticks consisted entirely of several varieties of the Australian gum—so hard that the axe would bounce out of the cut; the trees would on an average measure from six to ten feet in diameter, while they ran to a height which the B.C. coastal timber does not excel. But there were other things in the Australian bush besides the gum trees. Between them flourished a minor growth of palms, next came various shrubs and bushes, followed by creepers, vines, and "lawer plants," the latter being aptly named because of the hook like thorns with which they were armed and in which enmeshed it was almost impossible to obtain relief without assistance.

So thick was the growth that even the wild cattle could not force a passage through the mass, and with the thermometer registering as high as 120 degrees in the shade, the heat in that airless jungle can be imagined. Not once but twice did I sign for the clean, sweet spruce bush of the north!

Other things there were also; snakes of every conceivable shape, size and color, centipedes, stinging spiders, bellicose "soldier" ants nearly an inch long, which would promptly make for any noise and attack the source of it, while, from the foliage overhead, dropped a procession of black leeches which filtered into ones clothes and were discovered at night fat and bloated but still firmly attached to their "meal ticket." Act one revealed the dairyman-lumberjack and his assistant, clad in nothing but duck pants, a gauze undershirt, boots and felt hat engaged in rounding up the patient oxen (or bullocks as they are known in Australia). We had fourteen head on this particular farm, and every ox knew to a beautiful exactitude his place. When ordered to hitch up they took up their positions and presently the yokes were fitted, a chain running from the leader through each yoke and so to the wagon, where the "wheelers" held up the massive tongue.

## Armed With Great Long Whip

The animals were driven by a man on horseback, who armed with a whip carrying an eight foot stock and sixteen foot lash, rode up and down the line of toiling beasts, drawing blood at every cut, did he desire to do so. Down and up through the roughest of rough trails the lumber wagon creaked, and it was miraculous that none of the oxen suffered cracked necks when rounding sudden curves in the road or turning trees. They were trained to perfection, however, and each section in rounding an obstruction kept off the point instead of turning sharply so that by the time the "wheelers" reached the corner there was clearance for them.

By aid of the aforementioned whip a knowing pony, who needed but knee pressure to guide him, and a flow of "language" which might well fill any Canadian head fuller with envy, the fourteen head of clumsy but clever beasts wound in and out through the woods. When the driver with a sudden burst of wrath roared "Tiger, One Eye, Snowy, Sailor" those singled out for notice immediately arched their backs and put out every ounce of energy in them to avoid the dreaded whip. By some mysterious intelligence, usually not credited to the bovine kind, the Australian ox, at least, knows his name, and "Tiger" lazing along with the whites of his eyes showing, when addressed answered and answered promptly.

## Investigating All Parts of the Log

Arrived at the chosen location the oxen were unhitched and allowed to wander around, while the tree picked was investigated. First any dead and hollow logs in the vicinity were hammered with the flat of the axe to determine whether they contained any death adders or not. Much noise was indulged in with the idea of giving sundry snakes due and sufficient warning. The small growth around the tree was carefully cleared as a bright look out was kept for "soldier" ants, scorpions and other etceteras. Then the lumberjacks would peel their shirts and pants to the ankles and rid one another of such leeches as were indulging in breakfast, while ticks engaged in getting their heads under the skin were treated to a dose of kerosene, carried in a bottle for the purpose, and the boss then said "Guess we'd better get to work; can't stand around here all day amusin' ourselves."

In falling the "driving system" was used. This consisted of selecting a large tree and aiming it at a number of lesser ones which stood in the path of its descent. The larger specimen from which the mill logs were taken thus helped to clear the bush for farming, this being the favorite method used by the Australian settlers in the district mentioned. Once sawn into lengths—a ticklish proceeding when, it is remembered, that the sawyers back was to the nearby infested bush—one log at a time was snaked out to the road by the united force of the bulls plus a steel cable, loaded on the wagon with skids, and so away to the mill.

## Net Results of the Day's Work

Though we worked hard, and consumed on an average I should imagine about ten gallons of water per hour, one, twenty or twenty-four foot log represented the day's work, as it was necessary to return to the farm in time to "git them cows in," and the mill was a considerable distance from the logging site. Arrived at the farm, the oxen were turned loose to look after themselves, the workers partook of one of the numerous meals, for as Kipling says the "native born is a five meal, meat fed man"—and they need it! There followed some further recreation in the shape of each man milking between 25 and 30 cows, and so home to bed.

The Sabbath was strictly a day of rest. With the exception of about eight hours milking, nothing was done, so the hirelings usually spent the leisure time in cleaning their milk and perspiration caked clothing. There was little or no water, however—certainly none for washing clothes. The procedure, therefore, was to take the garments to a nearby gully which contained more or less liquid mud in which the clothing was stamped with the feet. Later the mud was allowed to dry and pounded off on the rocks.

I remained at my employment as a dairyman-lumberjack until such time as I had the exact minimum steamer fare to carry me to other fields of endeavor, my erstwhile boss' good natured parting salutation being "You'll never make a bushman, Smithie, the best thing you can do is to part your hair in the middle and get yourself a job in a office." I did.



### Quebec Retailers Want New Lien Law

At a meeting of the Montreal Retail Lumbermen's Association held on February 21st at the Queen's Hotel, J. F. Dupuis presiding, the question of the Quebec Lien Law was discussed. The members are of the opinion that the law does not sufficiently protect their interests, that it exposes them to risks which are unfair in the way of supplying materials, and that steps should be taken by the Association to obtain amendments which will give fuller protection.

The members also discussed the relations between wholesalers and retailers, especially in connection with sales to consumers by wholesalers. The discussion arose out of a letter from the Montreal Wholesalers' Association on the subject of proposals which are being considered by the wholesale and retail Associations. This letter was referred to a committee. It may be mentioned that the speakers referred with satisfaction to the fact that both Associations are getting together in order to settle questions in a way which it was hoped would be mutually satisfactory.

J. A. Laferte, J. P. Dupuis and R. Prefontaine have been elected members of the Mines and Forests Committee of the Montreal Chambre de Commerce.

### Montreal Retailers Hear Something on Insurance

Mr. Dupuis stated that he had received a letter from E. D. Hardy & Co., insurance brokers, Ottawa. The following is an extract from Mr. Hardy's letter:—In the last issue of the "Canada Lumberman" I was interested in noting your remarks on the advantages of an Association for the retail lumbermen of Montreal. As insurance is one of the first questions that may come up for consideration after your Association is organized, I thought you might be interested in a brief review of the present situation. Owing to the depreciation in the values since the war and the general business depression, the insurance companies have found themselves faced with a diminishing premium income and an increasingly high loss ratio.

While the experience on retail lumber yards would probably show more satisfactory results, the following figures furnished by the licensed companies to the Dominion Insurance Department show that the results on the larger manufacturing plants have not been altogether satisfactory.

Class	Premium	Losses	Ratio
Woodworking factories	837,344	420,142	50.18
Sawmills	1,108,869	629,641	56.78
Lumber yards	1,946,036	1,899,788	97.62

With the exception of the inter-insurance organizations, licensed by the Federal Government, specializing on insurance on lumber plants, these figures reflect only the experience of the stock companies holding Dominion licenses. It is not fair to assume therefore that the experience of all the companies specializing in this class of insurance has shown correspondingly unsatisfactory results. As a matter of fact, we know that the experience of our own Canadian Exchange and the Lumber Mutuals has shown good results. The explanation of this lies in the fact that the lumber specializing companies are writing the cream of the business and are devoting more attention to inspection and fire prevention than the stock companies. Furthermore the close personal contact between the representatives of these companies and the assured is such as to secure the highest degree of co-operation.

Another fact which contributes to the success of the Mutuals and Reciprocals is the fact that the cost of management is only about one half of the cost of the acquisition of the business by the stock, which in the case of British Companies, had risen in 1921 to 41.60%. This means that for every dollar paid in premium, 41.6 is used in agents' commissions and home office expenses. In order to overcome the objection to unlicensed insurance we are considering an arrangement with the Lumber Mutuals under which we would issue the policy of the Canadian Lumbermen's Insurance Exchange and use the policies of the Lumber Mutuals only as re-insurance, allowing the assured practically the same results which they could obtain if the insurance were placed in a mutual company. Under this plan the policy holders would receive a dividend each year and at the same time would be laying the foundation for a larger organization than the present Canadian Exchange, which has already justified the wisdom of the lumbermen who were responsible for its inception.

The retail lumbermen of Ontario have already signified their interest in the subject and we are hoping that, at their next meeting, they will decide to take some further action in recognition of the service, protection and saving offered by the lumber specializing companies. If you feel that a similar opportunity to meet the members of your association would result to a mutual advantage we would be glad to speak to them on insurance at some future date.

### Widely Known Lumberman and Legislator

Robert B. Smith, M.L.A., for Sunbury, N. B., is widely known in the lumber arena. He is manager of the Valley Lumber Co., president of the St. John River Dredging Co., a director of the Smith Foundry Co. and the St. John Farm & Fruit Co.

Mr. Smith was born at Blissville, N. B., his parent being from the old colonies. Previous to entering upon his career in the New



R. B. Smith, M.L.A. Oromocto, N.B.

Brunswick Legislature, he was a member of the Sunbury County Common Council for several years.

Fraternally Mr. Smith is a member of the Masonic Order and also of the Orange order, which is eminently appropriate seeing that he was born on the 12th of July. In religion he is a Baptist and in politics a Liberal.

### Modern Idea of Competition

The old conception of competition was based on the belief that for every article sold is a fixed demand and that the more persons there are supplying that demand the less business there will be for each of them.

The modern conception of competition is that only the amount of money available for the purchase of all manner of things is fixed and that the prosperity of any industry depends on its success in diverting from other industries to itself the lion's share of the fixed amount of money that the buying public has to spend.

Under the old conception of competition dealers in the same line of business believed that they had to fight one another. Under the new conception we know that the competition to be feared is not that of other individuals in the same line of business as ourselves, but the competition of other industries.

The buying public has just so much money to spend each year, sometimes more sometimes less; but even in periods of business depression the total available is enormous. The prosperity of the individual members of any industry depends not on how much business they can pull away from one another, but on how much of this big sum spent by the purchasing public they can attract to their own.

### Easterners Much Interested in Forestry Work

The dire necessity for forest conservation and fire prevention in the Province of New Brunswick was set forth in no uncertain degree recently in different parts of the province by a visit of the private exhibition car of the Canadian Forestry Association. The car was placed in a convenient place and thousands of people visited it. The data on hand as well as the instructive talks on the subjects, given by Gerald Blythe, were of keen interest and should go a long way in educating the public along the lines desired. Perhaps one of the most important phases in the work undertaken by this Association is the talks illustrated by motion pictures, given to school children.



## Montreal Lumbermen Discuss Trade Relations

The relations between wholesalers and retailers was the chief subject discussed at a meeting of the Montreal Wholesale Lumber Dealers' Association on February 15th at the Mount Royal Hotel. J. S. Bock presided and reported the result of a conference held earlier in the day between committees of the wholesale and retail associations. The retailers, who propose to extend their activities outside the city, made certain proposals which, in their view, would eliminate what they consider the encroachment of the wholesalers on the retail trade. The practicability of these proposals was discussed from many angles, the wholesalers offering, subject to ratification by the members, another proposal. It was ultimately decided that the views of the retailers should be submitted to the meeting of the wholesalers to be held in the evening.

Mr. Bock outlined the proposals, and, after a full discussion, it was agreed that the retailers be requested to supply information which was deemed essential before any decision could be made.

It was decided to take steps to increase the membership. This now comprises a large percentage of the wholesalers, but it is desired to build up a still stronger organization.

A resolution in favor of the manufacturers absorbing the sales tax of 3% was passed, and it was agreed to ask the support of the Canadian Lumbermen's Association and the Toronto Wholesalers' Association in obtaining an amendment of the law to this effect.

## Successful Builders' Convention in Quebec

The Association of Canadian Building and Construction Industries held their annual convention recently for a full week in the Chateau Frontenac, Quebec. There were one hundred delegates present from all the central sections of Canada from the Atlantic to the Pacific, and the meetings were presided over by National President, J. B. Carswell, of Toronto. The delegates in attendance were all practical men of business and expert mathematical architects in their various lines of the building industry.

The building contractor, however, was in the majority, and the papers read on all matters in connection with the trade were replete with valuable technical information. Costs, seasonal construction and labor, as well as the scarcity of apprentices were subjects given the greatest attention. The discussions were remarkable for their lucid and concrete exposition of the situation and the problems, superinduced by the aftermath of the great war, which would have to be overcome. Building and with it lumber entered into the discussion, as well as other materials used in structural undertakings.

Besides the talks, delivered by the delegates, J. A. Schrybert, from the Dominion Bureau of Statistics, and Wm. R. Mattson, of the Babson Statistical Agency, Boston, Mass., delivered addresses, the former on the Industrial Census schedule and the latter with the aid of three charts reviewed the conditions of the world after the Napoleonic wars, the American revolution and the American Civil War, as well as the aftermath of the recent World War. He illustrated the past with the present to account for the world's disturbance and the time taken to get back to normal, and then confined his mathematical illustrations to the aftermath of the late world strife, dealing at some length with the trend of modern prices. He pointed out that prices had increased by fifty per cent over those of 1921, and that materials had shown a decided increase in the last six months of 1922. He predicted that values would keep climbing up to affect the building trade but there would be an improvement in this respect during the last six months of 1923. He cautioned the builders to be careful in the study of costs and the need of watching fluctuations in prices by changes in conditions, the shortage of raw material, production, etc. He sounded a warning against speculation and said the changing conditions would bring forth a new type of man, a technical man with new methods who would be essential to protect the building trade, to watch the prices of commodities and keep down costs, and to secure profits and this would be necessary for the next five years.

Discussing the question of the shortage of skilled labor, Mr. Schrybert referred to the small volume of immigration, both in the United States and Canada, due to Government restrictions, and gave for example that in 1913 506,000 skilled mechanics were landed in the United States in contrast with 1921, when only 21,000 skilled workmen emigrated from European countries due to the 3 per cent American Immigration law. As a consequence when the building boom commenced in 1920 it was found that there was a shortage of skilled mechanics in the building trade, which also affected Canada with greater effect, because Canadian bricklayers and plasterers were attracted by higher wages into the United States, and also became absorbed in the automobile building line. Mr. Schrybert, in concluding predicted that the building trade would be twenty-five per cent better in 1923 than it was in 1922.

At the close of the convention the most important resolution

adopted was in advocacy of seasonal employment, apprenticeship and immigration. It was agreed that time would not permit the study necessary to work out a programme for obtaining the results desired, and, therefore, it was decided that the executive establish a Study Committee to consider the vital importance to the country of the shortage of building mechanics; and that the Dominion Government should be approached and encouraged for the purpose of holding a conference of all interests directly concerned; and that seasonal employment, bound up with the same question, should be dealt with at the same time; and that in addition to these questions we must have added immigration. If Canada is to expand and develop, it must throw open its gates to immigration.

The officers elected for the ensuing year were as follows:— President, Joseph M. Pigott, Hamilton; Past President, J. B. Carswell, Toronto; First Vice-President, James Mackie, Winnipeg; Second Vice-President, John V. Gray, Toronto; Hon. Secretary, John Grieve, Montreal; Hon. Treasurer, Fred McFarren, Toronto. Representative from General Contractors' Section, S. E. Dinsmore, Windsor; Representative from Trade Contractors' Section, R. Fitzsimmons, Hamilton; Representative from Manufacturers' and Supply Section, H. J. Mero, Walkerville.

It was unanimously decided to hold the next annual convention at Windsor. The convention was featured by a lunch party every one of the four days. The Mayor of Quebec and A. J. Welch, president of the Quebec Board of Trade, welcomed the delegates on the first day's luncheon. Hon. L. A. Taschereau, Premier of Quebec, and Hon. Mr. David, Provincial Secretary, addressed the visitors at the second and third day's noon-day gatherings around the festive board.

## Midland Firm is Getting Out Big Cut

The new firm of Letherby & Chew, Limited, of Midland, Ont., which was recently granted a charter, succeeds Chew Bros. The incorporation means that Ed. Letherby and Manley Chew, M.P. will conduct the business as an incorporated company instead of a part-



Ed. Letherby, Midland, Ont.



Manley Chew, M.P. Midland, Ont.

nership, as heretofore. There will be no change in the personnel or in the relationships of Mr. Letherby and Mr. Chew.

The firm's cut during the coming season will be approximately 50% more than in 1922. Mr. Letherby states that the prospects are that they will conduct bush operations to a sufficient extent in future to produce logs enough to stock fully their mill which is of modern construction and of ample capacity to take care of the production required from time to time.

## Will Operate in the Abitibi District

M. A. Grandbois, Engr., St. Casimir, Que., have sold the St. Casimir plant to the Laurentide Co., Limited, and they have bought limits and mills at Barraute, Abitibi, where they will resume operations early this spring. The company did not operate their mills last year as they wished to dispose of and ship over 4,000,000 feet from the 1921 cut which remained in stock. They succeeded in doing this and expect to turn out something like 2,000,000 feet of spruce and cypress this year along with 2,000,000 feet of lath and several thousand railway ties.



# Canada Lumberman

Founded 1880

The National Lumber Journal for Forty Years

Issued on the 1st and 15th of every month by

## Hugh C. MacLean Publications

LIMITED

THOS. S. YOUNG, Managing Director

G. B. Van Blaricom, Editor

HEAD OFFICE - - - - 347 Adelaide Street, West, TORONTO

Proprietors and Publishers also of Electrical News, Contract Record,  
Canadian Woodworker and Footwear in Canada.



VANCOUVER	- - - - -	Winch Building
MONTREAL	- - - - -	119 Board of Trade Bldg.
WINNIPEG	- - - - -	302 Travellers' Bldg.
NEW YORK	- - - - -	296 Broadway
CHICAGO	- - - - -	14 West Washington Street
LONDON, ENG.	- - - - -	16 Regent Street, S.W.

### TERMS OF SUBSCRIPTION

Canada, Great Britain and British Possessions \$3.00; United States \$3.00;  
other Foreign Countries \$5.00. Single Copies 20 Cents.

Single copies, 20 cents.

Authorized by the Postmaster-General for Canada, for transmission as  
second-class matter.

Vol. 43

Toronto, March 1, 1923

No. 5

### Grave Danger in Boosting Prices

One of the greatest dangers facing the lumber trade at the present time is that of a runaway market. In spite of warnings and predictions against the peril—not to say disaster—of such a course, there are indications in certain quarters that the grasping spirit is still in evidence, and some interests have not profited by the experiences of the past.

To advance prices unduly and unjustifiably is a suicidal policy. It may have a temporary advantage but, in the long run, it works ruin and spells dismay, not only to the perpetrators themselves but to all interested in the welfare and stabilization of this great pioneer industry. Every speaker, every trade journal and every convention has taken a strong stand against any speculative spirit or fictitious flight in the price of lumber. It has been said that we always have the poor with us, and it might be observed, with equal truth, that we always have the plunger and the gambler. They can only see immediate results and will not gauge the future, caring little what it may bring. They give too literal and selfish an interpretation to the old adage that a bird in the hand is worth two in the bush, and are seeking to kill the one that lays the golden egg.

Just now when the lumber business is emerging from a long period of readjustment and liquidation and is gaining its feet and heading in the right direction towards a sound, firm basis, word comes from many quarters that certain holders of stock are demanding unprecedented prices. In some widths and thicknesses where a decided shortage has developed, increased quotations are altogether beyond reasonable bounds. This is a serious problem, particularly as stability in values and equalization of production and demand are being sought in the great forest products industry as never before.

Among those who have recently sounded a warning note is John T. Lloyd, president of the U.S. National Retail Lumber Dealers Association. He states that stabilization of the construction industries is a matter that is being considered in the building trades at the present juncture to the end that those engaged in it may be employed continuously. He then goes on to emphasize the fact that lumbermen can aid materially to achieve this much-to-be-desired result by working together in an effort to see that lumber continues on an even basis throughout the year.

If there is an unjustifiable enhancement in values there is sure to be a setback to great building activity and the revival of industrial operations. Much can be done to avoid such a state of affairs by taking a calm, dispassionate view of the situation as no one wants to see a reaction such as followed the boom of 1920. The results have been felt for many months and the boom terminated in a prolonged boomerang. This should be avoided if at all possible, and if

prices continue to advance, no one can look for anything but a sudden reaction some time during 1923. This can and should be avoided. Active co-operation, it is pointed out, will accomplish much if everyone will seek to do his part, having in mind a sincere effort to stabilize conditions, not only in the cost of raw materials, but also in the wages paid in the building industry.

At the recent annual gathering of the Canadian Lumbermen's Association in Montreal all the speakers were a unit in declaring against a repetition of 1920 conditions and setting forth the menace of runaway values and abnormal sales. A warning signal was hoisted by all the leading representatives of the business who emphasized the fact that the aftermath of a period of inflated prices was too drastic and prolonged. A good, fair profit is all that any upright operator or distributor asks, while every effort should be put forth on the part of those connected with the industry for the exercise of greater economies, more efficient operation and better results in service and distribution.

It is interesting to note that Babson, in one of his comprehensive reviews of the lumber situation under a recent date, takes a hopeful view of the future, but reading between the lines it will be noted that he foresees dangers not a few if co-operation and sincere effort are not put forth to steady conditions. Babson's summary is as follows:—Clients who are planning building this spring will do well to let contracts during the next few weeks. It is true that building materials are still high. Nevertheless, a large amount of new work is being planned, and it is doubtful if any better prices can be expected before the latter part of 1923. When the rush begins in April and May, prices are likely to be somewhat higher than at present. Moreover, contractors will have more work on their hands and will be less inclined to make terms. Eventually building costs will be very much lower than they are today. Within the next three to five years we should expect to see a reduction of at least 30% under present prices. Building, however, which must be started this spring should be contracted for without delay.

### Growing Shortage of Skilled Workmen

One of the live topics which came up for consideration at the recent convention of the O.R.L.D.A. in Windsor, Ont., was the lack of apprentices in the wood-working industry at the present day. The discussion aroused general interest and many timely and terse observations were made with respect to the trend of youth in this generation.

The views of representative woodworking and retail lumber exponents were that the bosses were as much to blame for the existent state of affairs as the boys. Many employers will not encourage a youth or take a personal interest in his welfare and progress. As long as there is a surplus of skilled adult labor in the trade they say that they cannot be bothered teaching or training lads in their teens. This is a short-sighted policy for, unless more apprentices come forward with in the next decade there will be no one left in the wood-working arena except old men and the industry is bound to suffer severely, particularly during busy periods. It was pointed out by one speaker that better wages should be paid apprentices and their standard should be raised.

There is no doubt that practical experience in the wood-working plants supplemented by a few hours instructions either by day or night at a Technical School, is an ideal combination which develops the ambition and spirit of any worth-while boy. When he feels that others are evincing some concern in him personally and are ready to act on his behalf, he naturally is appreciative and readily responsive.

The old problem of training apprentices has been before many trade conventions of late and one of the most effective and cogent utterances relating to it has been broadcasted by the National Lumber and Mfg. Co., Hoquiam, Washington. This firm has delved deeply into the question and presents a comprehensive review and summary of the entire situation in the subjoined open letter.

"Attention is being called to the growing shortage of skilled workmen in wood—a shortage of men who can secure the best results possible in turning a piece of rough wood into some useful thing of art and beauty.

"The school is the proper place to excite the enthusiasm and awaken the interest of the coming man—to create in his mind the desire to plane, to saw, to fashion, to work in wood. Our present day system of education is faulty. The ignobility, the disgrace of soiled hands and the workmen's suit, is being more and more instilled in the minds of the boys and girls, not only in the schools, but in the homes where education first starts; and this influence is manifested in the schools. This is as true of the country schools and homes as of the towns and cities. Work, common labor, is a thing debased, and yet, no real success in life has come without work and ceaseless effort.



"The mothers of the nation are naturally ambitious for their children and in countless homes the "Old Man" is held up as an example of what not to be. Poor dad, plodding, hard working, seemingly unambitious, frugal, self-effacing and unselfish, his thoughts, his dreams for the ones dependent upon his efforts, his heart-aches, his disappointments smothered under a veil of silence and blank expression, a victim of the deadly, daily grind, understood by few, misunderstood by many, he steadily "carries on."

"Mother, with the nesting instinct and the desire for the betterment of her off-spring, has the clearer perspective. With her it is a constant fight to keep up appearances, to keep the home fires burning; while welcoming the weekly pay check as a meal ticket, she has the idea that hard work 'doesn't get you much.' She preaches thus and points out the more fortunate as model lives to study and to pattern after. She is preaching and breeding divine discontent and this spirit, this feeling of unrest and ambition, has made the country what it is today and will drive it on to greater things.

"Our present method of education is too sugar-coated, too much like a Mother Hubbard that covers a great deal without touching on anything in particular—a lack of specialization and thoroughness.

"Walk into some of the large cities and talk to the radicals that seek to overthrow our present form of government—to Russianize our institutions—and you will find that a large percentage of the leaders are high school graduates or have gone farther and passed a year or more in some university or college. They have a smattering of knowledge, but are unfitted for any work, through their state of mind and their distaste for concentration and work.

"The people cry out against the influx of the uneducated foreigner; but the reds are not led by "Skis" but by men with good old American, English, Irish and Swedish names. Dig deeper and you will find that their fathers were the hard-working men that made our country possible; who toiled and saved to educate their boys and give them advantages that they themselves craved for.

"There is more danger to our nation through the class we picture than from the right kind of immigrants who have been taught to labor and to save. The latter have constructive ideas, the former destructive, and we need to stress more those studies in our schools that tend to inspire constructive thought, concentrated thinking, and definite results. And, what is better than working in wood? Educating the eye, the mind, the imagination, and the hand, the mental picture and its working out; bringing into play all of the best of man. And a man so grounded in fundamentals will never be a victim of the impossible dreamer.

"It is up to the men in the lumber business to arouse interest in this question and to make it possible for the boy to secure the wood that he needs in his practice and work.

"Put the question to yourself and to your men. If a boy came in your yard or factory today inquiring for certain pieces of wood with which to fashion something that was in his mind, would you make it easy for him to secure it; or, would you bark at him and send him away discouraged and disheartened?

"Thousands of embryo woodworkers have been driven into other fields by the thoughtlessness of lumbermen who could not be bothered with such trivial sales. So, let us decide to turn over a new leaf and encourage the effort of the boy or person who has a desire to play or work in the cutting up of wood, and to add our voice and influence in seeing that in every school opportunities will exist to work in things that will be of value in later life."

### Don't Be Afraid of Your Competitor

To make a lumber yard as profitable as it should be the money invested should be kept moving and earning something all the time, and the difference between this and the manner it is usually handled in the average lumber yard is a loss in the profits, and in some cases there is no profit at all if the costs were correctly figured, writes C. H. Ketrige, of Evanston, Ill., in the "Mississippi Valley Lumberman."

All of this you have had brought to your notice over and over again and still most of you are going on in the old rut of customary doing. I have reason to know this is so because every "Man-Jack" of a dealer I talk with has the same old complaints to make about the same old troubles in the business. The majority knows better what to do to remedy these things but somehow they don't seem to have the guts to act independently in following a course of action

they know is the right thing to do. They all have reasons for not breaking the continuity of custom, which when boiled down, amounts to little more than excuses. The principal one they pass-the-buck on is that of competitors. One dealer is inclined to make a change but is restrained from doing so through fear that his competitor will continue on in the old way that the public is accustomed to, for the matter of giving credits is a large factor in the game of competition.

I have sometimes thought that the paramount difficulty in the business is that of unbusiness like competition between dealers in the same town. Generally speaking they are afraid of each other and jealous of one who displays more ability to get the business. This feeling is responsible for the unnecessary price cutting that prevails in many towns. Hardly any man will admit that the other fellow is a better business man than he is, and he gives the public a false estimate of his business powers when he cuts prices to make a showing to make people think he is a live wire as a trade getter.

The gist of all this in most of such cases lies in the ignorance of true business principles and knowledge of how to do business. A good deal has been said about educating the farmers when the fact is there is relatively about as much of this kind of ignorance existing those running the retail yards. One thing is sure the farmer is more independent in his business ways than is the general run of lumber dealers.

There has been a tremendous amount of time, money and effort spent in holding conventions to educate the retailers in the right methods of doing business. Over thirty years have been spent on this line of endeavor. An advance has been made to be sure; probably greater than we realize, but it must be admitted that in many ways the dealers are still wearing their old clothes. I don't suppose this particular trouble ever will be removed; but I do believe that more can, and will be done toward mitigating this trouble with competitors and also of raising the standard of a better knowledge of how to do business, through the medium of the local and district organizations when in the frequent meetings competitors will associate personally and learn from each other. If rightly directed, these meetings can be made schools of instruction in the vital things affecting the carrying on of the business. Moreover, it will engender a better feeling that will naturally co-operate in making desired changes from the old customs. Of course, this is all going to take time, for educational processes are slow. But these organizations are a real start, and, I believe, the only way that this principal trouble spoken of can be materially reduced. With this effect a number of the other troubles will become less and less harmful to the business.

When two dealers in a town are both equipped with ability and understanding of how business should be done and the disposition to co-operate in so doing, the old time competition is changed to that of the spirit of emulation in serving the public whose servants they are, and when this unit situation becomes general, many of the now vexing problems will be solved and the retail lumber business will be on a higher plane of efficiency and success than it ever has been. The prime factor for bringing this to fruition is the grouping together of the retailers in these district associations for mutual conference.

### For Trees Are Friends, Indeed

I like a man who likes a tree,  
And want no better company,  
For such a man I always find  
Is just the very sort and kind  
Who's not content unless it be  
He too can grow much like a tree.  
I like a man who likes a tree  
No further introduction he  
Will ever need to win my heart;  
To me he is the counterpart  
Of usefulness and comfort, too,  
And does the good few others do.  
I like a man who likes a tree,  
He's so much more of a man to me;  
For when he sees its blessings there,  
In some way, too, he wants to share  
Whatever gifts his own may be  
In helping others, like a tree.  
For trees you know are friends indeed,  
They satisfy such human need;  
In summer shade, in winter fire,  
With flower and fruit meet all desire.  
And if a friend to man you'd be,  
You must befriend him like a tree.

—Charles A. Heath in Nuggets.



## Rich Return From Quebec Timber Lands

In the course of a brief treatise on the "Timber Lands and Water Powers of Quebec in Relation to the Pulp and Paper Industry. Mr. R. O. Swezey, of Montreal, says that the investments in this connection are well over \$100,000,000 in that province, exclusive of timber limits. The present daily production of about three thousand tons of pulp and paper is earning for the mill owners at the rate of over \$20,000,000 per annum. But it would be wrong to attribute this earning power to operating conditions alone, for it should be observed that a large part of any profits of Quebec mills is due to cheap pulpwood supplies. Hence, these profits are in reality largely represented by enhanced value of standing pulpwood, the marketability of which is facilitated by reason of mills and waterpowers being in proximity to the forest. "Just what the effect on the pulp and paper industry will be if its expansion continues in Eastern Canada," says Mr. Swezey, "is a question frequently asked. Occasionally there is some apprehension expressed regarding over-production. But to those familiar with the industry at large, and who know the importance of ample cheap power and pulpwood, who have seen the diminishing and vanishing supplies of raw material in the United States, and who know something of the rate at which consumption of pulp and paper products is increasing, the problem is not so much one of over-production as it is one of where the properly balanced supply of cheap power and wood are to be obtained to meet the demand of the future. That the newsprint industry has come through one of the worst trade depressions in history with but a temporary and minor retarding of progress, is ample evidence of the strength and soundness of that branch of the industry."

## Contracts are Awarded for Piling

Tenders for lumber and piling for the bridges that will be built during the coming year by the Alberta provincial government have been awarded by Hon. Alex. Ross and for the most part Alberta firms have received the contracts. For some of the large timber Edmonton men could not give estimates as the supply was not available and this goes to Hallock & Son, of Princeton, B. C., and the Pointer Co., of Vancouver. Mr. Ross expects that they will be able to work out their construction of bridges cheaper on the basis of Alberta timbers, but the chief object was that all possible work should be given out inside the province to give employment.

## Pays Dearly for Cutting Spruce Saplings

Thirteen spruce saplings, which formed a hedge between the premises of C. H. Houson and Charles Austin at Chatham, gave rise to a suit which engaged the attention of three lawyers, and which came for trial before Mr. Justice Mowat, Toronto. The trees were cut down while Mr. Houson was absent in New York.

"Incensed," says Mr. Justice Mowat, "by what he thought to be an unneighborly act, he began suit which developed into a lively and well fought trial. Plaintiff also makes out some case for exemplary damages in that the trees were cut down furtively.

His Lordship fixes the exemplary damages at \$25 and allows Mr. Houson \$500 for the actual damage, or \$525 in all, with costs.

## Progressive Lumber Firm Entertains Staff

The Myers-Warren Lumber Company, Limited, recently entertained their employees at their first annual banquet, held in Hunt's banquet hall, Toronto, about seventy being present. After all had enjoyed to the full the splendid repast, the rest of the evening was spent in a real, sociable get-together spirit with Mr. Fred. Perrin as entertainer and Mr. Crawford Butler at the piano, they being the only outside talent present.

After a few selections of community singing and Mr. Perrin had obliged the gathering with some songs and chatter, the President, Mr. W. J. Myers, was called upon and answered the summons fittingly assuring the employees that it was his keenest desire to have all feel that the firm took a deep interest in each and everyone.

After Mr. Oldham had favored the audience with a solo "Sweet Rosie O'Grady" and Mr. Bedford's contributed "Sweet Genevieve." Mr. W. Warren gave an interesting talk on the short but encouraging history of the company formerly known as "The Myers Lumber Company, Limited" and now as "The Myers-Warren Lumber Company, Limited." He confirmed the presidents remarks regarding the kindly feeling they wished to extend to each and everyone of the employees and assured them that they would be rewarded 100 per cent according to their individual efforts. He reminded them that Mr. W. J. Myers and he are the sole shareholders in the company. Mr. Warren then spoke of the large volume of business they had enjoyed during the past year and assured the men that the firm

was now in a much better position to handle more business and that more efficiently.

Mr. Fred. Stickells then moved a vote of thanks to the company for the interest they had taken in their employees in providing such a splendid event and assured them that every one would certainly double his efforts during the coming season. This was seconded by Mr. K. Brown and affirmed by all in the usual manner.

Other volunteers in the way of songs, stories, etc., were Messrs. Sayers, Bowen, Churcher, McDonald, Vigers and Scully. Mr. Wm. Storey gave a recitation entitled "The Railroadman's Dream."

After Mr. Perrin had again favored the audience, the boys sang several selections of oldtime melodies.

## Fined for Having Unsanitary Camp

C. W. Cox, timber contractor, Port Arthur, Ont., was fined \$30 and costs by Police Magistrate Palling at Fort William recently for failing to carry out rules and regulations as set forth by the Provincial Board of Health in connection with sanitary arrangements in lumber camps. Information against Mr. Cox was laid by W. C. Millar, Provincial Sanitary Inspector in this district. Mr. Millar said that Mr. Cox's camp in the vicinity of Silver Mountain was visited by him on a number of occasions and on the last visit, early this month, he was accompanied by Dr. Caldwell. Complaint was made that the camp was ill-ventilated and that there was not the required amount of cubic feet space for each workman. Mr. Cox said the camp was only a temporary one and, when visited by the Inspector, housed, in addition to a number of teamsters, a large number of transients. Magistrate Palling remarked that he was privileged to inflict a penalty of \$500 and costs but as it was the first case of its kind taken into his court he would content himself with fining the nominal sum of \$30 and costs.

## Rotarian Speaks on Line Lumber Yards

"The retail lumber business as it is conducted in Western Canada was outlined in detail before the members of the Edmonton Rotary club at the regular meeting recently by Rotarian Ross McMillan, who has been engaged in that business in Edmonton, Alta., for some time. In his address Mr. McMillan dealt briefly with the history of the industry and some of the present-day methods of distribution.

In Western Canada, the speaker said, the line lumber yards were in vogue more than the privately owned yards. Some companies had as many as a hundred or more yards which were all handled through one main office. In Eastern Canada the individual owned yards were still common.

## Big Sale of Quebec Forest Lands

The sale by auction of permits to cut timber on a block of forest land situated in the basin of the Manicouagan River and the Outardes River, on the north shore, covering an area of over 2,000 square miles, took place recently in Quebec.

Three groups of competing companies each deposited a few days ago the sum of \$150,000. These firms were: The Ontario Paper Company, of Thorold, Ont., believed to be acting on behalf of the Chicago Tribune Publishing Company; the Gulf Pulp and Paper Company, which operates its mills in Clarke City, and in which Lord Rothermere, brother of the late Lord Northcliffe, is interested, and the Industrial Development and Service Corporation, which was recently organized.

The limits comprise a series of forest reserves of spruce and fir trees, which have only been slightly affected by forest fires. They are located some 60 miles from the mouth of Manicouagan River, but are said to offer, however, great facilities for exploitation.

The Ontario Pulp and Paper Company was the successful bidder, after 63 different bids on the amount to be paid over and above the stumpage dues. Bidding started from cents over the fixed rate of \$2.70 per thousand feet, and finally reached \$6.05.

## Michigan Lumber Camps Instal Radios

It is reported at Merrill, Wis., that nine lumber camps near Marquette, Mich., have disregarded the old "after work" habits of the lumber jack, and to-day the woodsmen listen to speeches and concerts that come into the wilderness over the camp radio. Every evening the men are entertained in this manner, and according to the officials of the lumber companies, the radio is not only entertaining but educational, as it keeps the woodsmen in touch with world affairs in a way which most of them can understand.

The officials in installing these radio outfits for the men have decided to fill in the evening hours with something that will make the lumber jack's camp life interesting, appealing and educational.



## What Canada's Timber Really Stands For

Warning Canada against the fate of Syria, Asia Minor and China which he described as "depleted and decadent lands inhabited by second-rate peoples," Robson Black, secretary of the Canadian Forestry Association, made a strong and urgent plea for forest conservation in an address before the Young Men's Canadian Club, Montreal, pointing the moral from countries like those described where all timber resources had been destroyed. In British Columbia alone he asserted that ten times more lumber had been burned than had gone into the mills of that province, and claiming that the whole Dominion was faced with the total destruction of its lumber, an asset in a rising market for which the whole world would soon be bidding. He said that within the last few years fire had destroyed enough trees to make a forest a mile and a half wide, the whole way from Vancouver to Halifax.

## Reduced Convention Rates to Pittsburgh

The National Wholesale Lumber Dealers Association announces that arrangements have been made for reduced rates, effective during the Annual Meeting at Pittsburgh, March 21-22. The Trustees of the National Association met at New York on January 30th, and convention plans were discussed, and members are assured of an interesting meeting and a discussion on important matters affecting the interest and welfare of the organization. The entertainment features will be liberal, including an attractive program rendered through the Pittsburgh Wholesale Lumber Dealers Association. The banquet will be held on Thursday evening, and as usual, both men and ladies will participate. Secretary Schupner states that numerous reservations have already been made at the William Penn Hotel, and he is urging members to provide for their hotel accommodations at the earliest possible moment.

## Broadcasting Shingles From Pacific Coast

There has been sent out from the office of the British Columbia Lumber Commissioner in Toronto 1,000 samples of British Columbia shingles, which consist of Royals, Perfections, XXX and XXX-XX. These have been forwarded to architects, builders and retail lumbermen. The samples are stained tile red, brown, moss and light green and have stickers affixed setting forth the proper exposures for roofs and side-walls, with cover capacity for various exposures, together with important directions for nailing. Accompanying each package was a new booklet which has been issued by the Forest Branch of the Department of Lands, entitled "How to Finish British Columbia Woods." The booklet is appropriately illustrated.

## Huge Cedar Tree Filled with Honey

In the virgin cedar swamp of Mr. P. Berranigan, on Alumette Island, near Alumette Rapids, Ont., another huge cedar tree has poured forth its accumulated riches of perhaps centuries.

This time it is a cache of wild honey lying in combs that measure two and three feet square. The son of Mr. L. G. Foster, whose shingle mill near Pembroke is devouring the product of this splendid swamp, preserved in a miraculous manner from the devastating fires of the centuries, says there are at least five hundred pounds of wild honey. Before precautions could be taken, exposure to the cold weather had frozen the huge colony of wild bees which year after year had colonized and stocked with honey the dead heart of the huge cedar.

## Greater Vigilance Needed in Fire Work

The annual report of the St. Maurice Forest Protective Association shows that the cost of fire-fighting during 1922 was very large, although it decreased substantially as compared with the previous year. F. I. Ritchie, of Three Rivers, Que., the president, states that the season was a disastrous one so far as fires were concerned. Existing conditions can be greatly improved by the Provincial Government amending the forest laws so that prosecutions made by the Association would insure offenders being severely dealt with. The educational campaign which has been carried on should be continued as it is by this means that co-operation between those operating the forests and the public is produced, which is so essential to effective forest protection. The system of clocks installed during the past season in certain parts of the territory proved an efficient check on the rangers' patrol work and the directors purpose extending this system throughout the territory the next season. It is the intention of the directors to install several wireless telephone stations for the coming season, which will give a more efficient means of communication in the field.

H. Sorgius, the manager, in his report, states that the fire risk in the Association's territory is becoming greater every year on account of the fact that the logging operations are annually extending

further into the forests, necessitating the employees travelling over more forest areas. The area burnt over on land of members was 49% of total area burned in merchantable timber, 12% in young growth, 20% in cut over land and 19% in old burn. The total number of fires was 238. It is suggested that the forest laws of Quebec be amended to that all males between the ages of 16 and 55 be obliged to help extinguish fire when so called upon by the fire ranger, without receiving any remuneration for services and that the meaning of the words "a reasonable excuse" be distinctly specified as in the New Brunswick laws.

## Pulp and Paper Exports Decrease

While Canadian pulp and paper exports for the nine months ended December 31 showed increases ranging from 40 to 50 per cent exports in December showed a decrease of \$1,176,580 compared to the corresponding periods in 1921, according to a report issued recently by the Canadian Pulp and Paper Association. In the nine months' period pulp exports increased nearly fifty per cent over the previous year, and newsprint exports increased over forty per cent, the total value being \$77,905,275 compared to \$88,320,722. Exports in December were valued at \$10,249,418.

## Good Thing is Retaliatory Tariff

The general effect of the retaliatory provisions of the tariff act invoked recently by the United States treasury against imports of pulpwood cut on crown lands of New Brunswick, imposing an import duty of one dollar per thousand feet on such imports until further notice, is expected to be of material benefit to the province in restricting the illegal export of pulpwood from crown lands in defiance of the pulpwood regulations of New Brunswick adopted in 1911. This was the opinion expressed here by crown land officials.

## Veteran Mill Superintendent is Honored

William Douglas, who for thirty-one years was associated with the firm of Gillies Bros., Limited, Braeside, Ont., was recently superannuated by them after a record that is almost unique in industrial organizations at the present time. The connection of Mr. Douglas with Gillies Bros., Limited, first began in 1866, he being the first man employed by Gillies & McLaren, then commencing their new mill operations at Carleton Place, working up from tail sawyer through positions as sawyer, filer, mill foreman to manager and remaining on in that position with that firm's successors, Peter McLaren, McLaren & Edwards, and Canada Lumber Company, till he came to Braeside in 1891 where his industry and integrity, his ability as a leader of men, his resourcefulness under difficulties, and his loyalty to the company's interests made him one of the main factors in the continued existence and progress of the firm. He was one of the stalwarts of the industry.

Mr. Douglas' successor is Mr. John Mills, who assumes the duties of manager and superintendent with general charge of mills, yards, booms, stores, stables, boarding houses, cottages, etc.

Recently there was a gathering of over one hundred people at Braeside for the purpose of recognizing the retirement of William Douglas from the superintendency of the mills.

J. S. Gillies introduced the event of the evening in an earnest appreciative address that was reminiscent of the beginning of lumbering in Lanark and Renfrew one hundred years ago under his grandfather, the late Mr. John Gillies of Gillies (now Hearn's) mills. The narrative of the primitive conditions was most interesting and was well interspersed with humorous anecdotes of experiences of those days. Mr. Gillies also dealt with some phases of the present condition of the lumber industry, which, with agricultural products, especially wheat, makes up the greater part of the export trade of Canada; he pointed out that there was a future in this business for young men who were willing to learn it from the bottom up, and that the industry is one that is not in a combine or trust and is not bolstered up by the government legislation.

D. A. Gillies followed in a neat and brief address appreciative of the services of Mr. Douglas, and then asked him to accept a gold watch on which was inscribed as follows: To William Douglas from Gillies Bros., Limited, in appreciation of 56 years of co-operation, 1866-1922.

Alex. de Renzy then spoke of the history of the village during the years Mr. Douglas had lived in it and of the interest Mr. Douglas had taken in its welfare. He concluded by presenting Mr. Douglas, on behalf of the officials and workingmen, with a smoking set and a gold headed cane, and the expression of the desire, as Messrs. Gillies had also done, that Mr. Douglas' life might be spared many years to

Mr. Douglas spoke of the co-operation that he had always sought to carry into effect and of the many years over which this had extended; he felt deeply his gratitude for these expressions of kindly remembrance.



## Should Stop Export of Christmas Trees

Editor, "Canada Lumberman":—

I wish to congratulate the Canadian Lumbermen's Association on the strong stand it has taken with regard to prohibiting the export of Christmas trees. These trees are the lumber supply of the future and there is no tree so poor or so small that it does not have an additional value as a protector of our water-sheds, springs and wells, which protection is becoming more necessary every day, but I would like to suggest to the Canadian Lumberman's Association that they also make the much more important request to our Government at Ottawa to prohibit the export of pulpwood, the export of which robs Canada of the enormous number of thirty-five million trees annually. Much of the pulpwood that is being exported to-day is very little larger than Christmas trees. I examined four thousand cords of black spruce pulpwood piled alongside the Transcontinental Railway, ready for shipment to the United States, that measured from one and a half inches up, with the largest stick measuring only four and one-half inches in diameter,—surely little better than Christmas trees.

Not only should the export of Christmas trees be prohibited but also cutting for home consumption as well, except under the direction of a Government forester and only where judicious and scientific thinning may be permissible. Otherwise the cutting of these small trees, as promiscuously practiced to-day, is nothing short of criminal waste.

Every one should raise his own Christmas tree. A seedling can be obtained at the Government Nurseries at Berthierville through the mail for a few cents. This can be planted in a small tub and set down in the ground till it becomes of sufficient size for use, when the tub can be dug around before the ground freezes all ready to lift out. Straw or litter can then be covered over the ground around the tree, which can be allowed to remain in the tub and hole till Christmas time, when the straw or covering can be removed and the tub containing the tree conveyed to the house, being careful to cover the hole so that after Christmas the tree can be placed back in the hole, carefully removing the tub before doing so, and covering up the earth again with straw when it will be ready to take root and grow in the spring. This method can be repeated from year to year, having trees of different sizes coming along. Any one not having a garden or back lot can always find someone who would be glad to give them planting space.

Community Christmas tree plantations could also be provided as there are always waste plots that could be used for this purpose that are now simply blots on the landscape. When the people once get the idea of planting Christmas trees they will not stop at one tree, and consequently not only will this slaughter of young trees be arrested but a tree-planting habit formed that will have far reaching effect.

FRANK J. D. BARNJUM.

## Is Manitoba Verging on Timber Famine?

Depletion of the forest areas of Manitoba through fires and other destructive agencies has been so great, that the province is actually confronted with a situation verging on a timber famine, was the opinion expressed by H. I. Stevenson, district forestry inspector at a recent meeting of the Manitoba Horticultural and Forestry association.

The speaker declared that prior to extensive settlement the province had been abundantly stocked with timber. Vast expanses of forest had been cleared away, the general belief being that the forests were inexhaustible. To prevent further destruction introduction of laws giving protection to remaining timber, he said was necessary. The future timber production of the province to a great degree depended upon the success of the present forest reserves.

Continuing Mr. Stevenson asserted that of the total land area of the province approximately 75,000,000 acres were suitable for the production of timber. It was estimated that there remained today only 2,000,000 acres, which was producing about 50,000,000 feet annually of raw material, valued at nearly \$1,000,000.

## Protect Forests By War Radios

It was shown by Major W. A. Steel, M.C., of the Royal Canadian Signalling Corps, Ottawa, in the course of an address to the Montreal Branch of the Engineering Institute of Canada, that the arts of aircraft and radio telegraphy and telephony as applied to war work could be utilized in peace time with surprising value and efficiency to defend our national resources against attacks by fire and other perils. Major Steel was lecturing on "The Employment of Radio Telegraphy and Telephony in Connection with Forest Fire Control," and in the course of his address he shows how men could

be trained for war service in this line while actually performing valuable service in the prevention of forest fires.

This phase of its work, he said, had been actively taken up by the Department of National Defence, with which the Militia Department was connected. In this way the war training in peace times was no longer a non-productive business but was productive of the greatest value to the national interests.

## Will Try to Educate Autoists

The State Department of Conservation hopes by a campaign of education to lessen the danger of forest fires resulting from lighted smoking materials being thrown from automobiles, Commissioner Wm. A. Baseley told the state fire wardens' conference recently in Boston.

"In 1922," he added, "a total area of 85,241 acres were burned over in Massachusetts, and forest fires resulted in the loss of five lives, the destruction of 122 buildings and damage of approximately \$500,000 besides the \$100,000 cost of extinguishing the fires. The number of fires along the railroads increased from 862 in 1921 to 1,511 in 1922."

## Country Must Not Waste Its Forests

Hon. Henry C. Wallace, United States Secretary of Agriculture, who was in Toronto recently, stated that the problems of agriculture across the border were much the same as in Canada. The greatest problem to work out at present was to get normal conditions and prices between agriculture and other things in order to go forward. Continuing, he said:—

"No—there is no 'back to the land' movement just now in the United States. Prices and wages paid for other kinds of labor are much higher, which, of course, does not tend to make people go in for farming. Yes, I would say there is almost a 'back from the land' tendency for this very reason."

He reiterated his assertion made before the Royal Canadian Institute, that the United States with its 110 millions population, even with more land under cultivation, would need all its own produce in the near future.

"We have made mistakes in our country wasting forests, etc. Canada might learn from our errors in that line, and develop a national forest policy," he said. Asked if he had any suggestions for Canada to make to the Legislature, Mr. Wallace disclaimed any thought of coming into another country and telling how it should be run.

## Forest Conservation Among School Children

Several hundred thousand Canadian school children will be well informed on the forest conservation problem of the Dominion as a result of a school essay competition for which the Canadian Forestry Association recently awarded provincial cash prizes. Sixty thousand copies of the competition prospectus were sent to teachers and inspectors and thousands of the schools were at once inspired to make their essays accurately reflect local conditions. The cash awards for the province of Ontario by the Canadian Forestry Association were as follows: 1st Prize—\$25.00 Mildred Giggon, Sundridge, Ont.; 2nd Prize—\$15.00 Helen Kelly, Form III, Convent of Mary Immaculate, Pembroke, Ont.; 3rd Prize—\$10.00 Marie Belanger, 157 Augusta St., Ottawa, Ont.

The idea of the competition was to stir the child's interest in forestry as a national cause, using local conditions as a starting point. For example, the child on the treeless prairie wrote on tree planting, the child in Central Quebec specialized on forest industries, forest employment, etc.

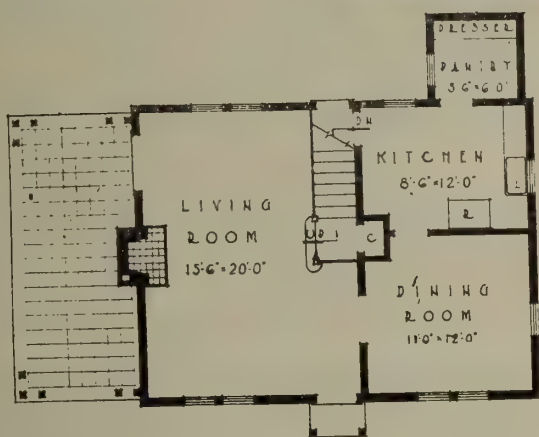
## Judgment Delivered in Lumber Action

It is claimed, that there is sufficient timber on the tracts at present held by The Pas Lumber Company, to last fifteen years, and when this is exhausted, other tracts are available in the district. The importance of the lumber industry to The Pas cannot be over estimated. It has been one of the prime factors in causing the town to grow from a small settlement, to a thriving town. The Pas Lumber Company, Ltd., have been generous in the matter of supplying free lumber for public buildings, and officials have always displayed a live interest in anything tending toward the welfare of the district. The greater portion of the product turned out at the present time at the mill is marketed in the United States, but when normal conditions return to the prairie provinces, no doubt more lumber will be disposed of in Canada.

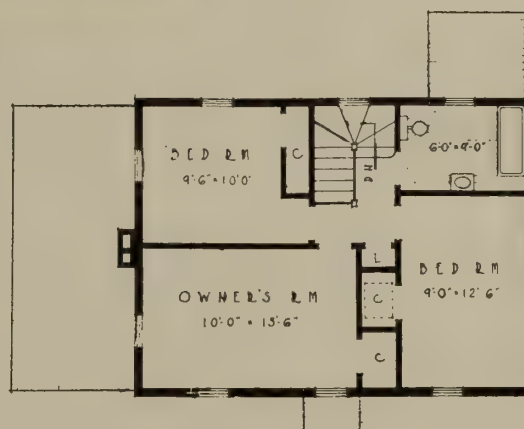
Do not lose your head. Remember that prompt action the first few minutes counts more, many times, than afterward.



# Colonial Frame with Homey Appeal



FIRST FLOOR PLAN



SECOND FLOOR PLAN

A New England Colonial frame house that has a genuine homey appeal and that combines compactness with dignity and comfort, is shown in the accompanying drawings and illustrations. The house, one of the series being erected in New York City and vicinity in the home-building campaign being carried on under the direction of the Homeowners Service Institute was built at Teaneck, New Jersey.

The cost of this structure was \$6,745.78, including the 10 per cent margin of profit allowed the general contractor. The average cost per room was \$1,124.24. The cubical contents of the house were

There are three main rooms on the ground floor—living room, dining room and kitchen, with pantry. The second floor has three bed rooms, with tiled bath. The roof is of wood shingles, left unstained to weather.

Henry Atterbury Smith, architect and designer of model low rental housing enterprises for Mrs. Wm. K. Vanderbilt, Sr., and other wealthy New Yorkers, as chairman of the Building Plans Committee for the home-building campaign, describes the Colonial frame structure as "a perfect gem of a home." He declared that the erection of such a house at a cost of less than \$1,200 a room when mere cheapness of construction was not sought is quite an accomplishment at the present time. As was the case with the erection of other houses of the series, the best building materials were used.

Arthur J. Barzaghi, of New York, is the architect for the house. Complete detailed working drawings and specifications can be obtained upon application to the Homeowners' Service Institute, 37 West Thirty-ninth Street, New York, N.Y.

An outline of the specifications follows:

**Excavation and Masonry**—Excavated under entire house. Foundations and cellar walls of poured concrete, cement block or rubble stone. Interior of cellar walls and exposed

portions of exterior to be plastered and cement plastered.

Chimney of selected common brick with T.C. flue linings. Open fireplace of selected common or face brick, with ash dump, in living room. Porch floor of cement, marked off in squares, with brick borders. Walks of flagstone, brick or cement, at option of owner.

**Carpentry and Mill Work**—Framing timbers to be of sound white pine, spruce, hemlock or easily obtainable material of sizes shown on drawings.

Floors in dining room and living room to be of selected plain oak, with seven-strip border. All other floors to be of selected edge grained pine flooring.

Interior of all closets to be lined with aromatic red cedar.

**Metal Work**—All flashing, gutters, downspouts and leaders to be of copper.

**Tile Work**—Bathroom floor to be tiled and side walls to be tiled four feet, with cap moulding.

**Painting**—Entire exterior to have three coats of paint, colors at option of owner. All interior woodwork to receive two coats paint and finishing coat of enamel, well rubbed down.

**Hardware**—All finish hardware to be of cast bronze.

**Electric Work**—All wiring to be enclosed in BX cable, and in accordance with requirements of the National Board of Fire Underwriters.

**Plumbing**—Complete installation of a sanitary service system. Fixtures include flush side built-in bath tub, pedestal type of lavatory, syphon jet closet, built-in medicine closet, enamel iron sink and drainboard, two-tray laundry tubs, automatic instantaneous gas hot water heater and brass piping throughout the hot water system. A gas range if possible.

**Heating**—Approved one-pipe steam system, with a total of 250 feet of radiation.



# Country's Well Being is in its Wooded Wealth

*Correspondent says all Lumbering Should be Under Governmental Control and Drastic Regulations Should Govern Every Operation Entailing Falling of Trees.*

A treeless nation is a decadent nation.

When the forests of a country are neglected the mental and moral health of the inhabitants begin to decline.

Nations made treeless by the hand of man are dying nations. Nations which once were great and which no longer count are those the forests of which have been ruthlessly exterminated.

No matter what political cataclysm has overtaken and submerged peoples whose governments foster and care for forests, their potency remains, their vigor still endures, their racial resurrection is certain.

Take a map of the world and look upon the peoples who gradually are perishing. Those doomed lands are treeless. They are nations which, once mighty, have become negligible.

Neither in industry, nor in science, nor in art do they now contribute anything vitally constructive or creative. In the councils of world races—save for a feeble, peevish and purely selfish cry—they do not utter any sound. Theirs is the drowsy dream of glories past. Theirs is the sunset—golden still—that edges night, and the false, reflected light of night, and the unstirred silence of racial annihilation.

Once there were trees in Spain. Once China grew vast forests. So scepters pass.

Without trees there would be little, perhaps no human life on this planet. There would be little life at all, possibly none.

It is the leaf that enables us to eat and drink. Only through the laboratory of the living leaf is our nourishment prepared, directly or indirectly. The green leaf gives us oxygen for our lungs, and uses what carbon dioxide we expel. Our food is partly mineral. We should die for lack of it unless predigested for us by vegetation.

The living leaf prepares food for man and cooks it by sunshine.

Our food and raiment begin in the living leaf. The leaf enables us to drink. There would be little sweet water in the world—little rain—except for the sheltering leaves of trees.

Minerals in solution—elements made available by water—are the food of trees. From the mesh of tiny feeding roots, up through the soft sap-wood, and out into the leaves is carried this mineral food which nourishes trees. Each leaf is a delicate little chemical laboratory through which the circulatory system of the tree passes. Each leaf transforms the inorganic into the organic, digesting, preparing food for itself and for man. And through each leaf the tree breathes. If in any of us God has planted the vaguest love of and desire for beauty, then we ought to grow forests sufficient to satisfy that craving. For, in all nature, nothing nobler and lovelier was ever made by God than the virgin tree in its intact chastity and beauty.

## The Tree and What It Possesses

A tree is a living thing. It has no mind, yet, possibly it possesses something equivalent to intelligence. It has no nervous system, yet it is sensitive. It has no power of locomotion, yet it may advance or recoil.

All other attributes of life it possesses; it is born of the union of two sexes; it breathes, eats, drinks, digests, sleeps, grows. It is subject to illness and recovers with nursing. It survives wounds; its scars heal; antiseptic surgery can save it.

And, like all things living, it is mortal. What we call death is the physical finish of it, and of us.

It is not difficult for us to understand why our pioneer forefathers hated the forests which covered our country and turned it to a perpetual twilight.

Except where lakes or water-courses broke the vast continuity of trees, all was sunless shadowy silence.

No underbrush could grow in these dim forest aisles; the high, thick tapestry of foliage shut out all sunshine. Only on prairie, marshes, or along lakes and streams and seas, where the forests edged the sun, could any lesser vegetation take root and survive.

To live, our forefathers had to eat. To clear a little place in the sun for a patch of corn was a herculean task. A sort of frontier fury was born in the minds of those whose starved struggle to eat was met everywhere by the huge, gloomy, solid ramparts of living forests—a vast, gigantic barrier to sunlight without which no fruits of earth are garnered.

Hatred for the forest was an evil heritage for us. Heed lest it

be not our national undoing. Where forests die, waters die. Where waters die, the fruits of the earth perish.

And out of those mutilated and abominable wastes where axe or fire or both have passed, unguided by knowledge or common sense, are born tornadoes that devastate and kill; floods that destroy fertility, harrow the shrinking earth to its rocky ribs, and turn arable land to desert.

Springs, once protected by the spongy mesh of roots and mosses, and narrow channels bordered by burning boulders bare as bleached dry up; rivulets disappear, brooks dwindle, rivers shrink into warm bones.

Rains bring rushes of flood water only—terrifying inundations that come in the twinkling of an eye, thunder by in devastating fury and are gone, leaving behind dead springs, dying streams, and the ghastly bones of withered rivers.

The forest hatred inherited from our pioneers has degenerated into the stupidity of apathy. And with it the land is degenerating, too.

## The Destroyers of the Forest

The people of the United States are not celebrated for their love of beauty. Any appeal to them on the ground that beauty is a necessity to the civilized would be listened to with the indifference born of ignorance. Forests are beautiful. Many agree; but will exterminate those same forests if a few dollars can be made out of the operation.

As Omar might have said: "What can their money buy that is more desirable than the forests they have sold to destruction?"

That isn't the point. The point is that the destroyers of forests have made a rotten bad bargain no matter what they get for the transaction.

The situation is comparable to a fruit-grower who picks a ton of luscious grapes from his vines. Fine! That's what the vines are for.

But consider the ass who would rip up vines, roots and all, whenever anybody comes to buy his grapes! The next year there would be no more grapes to sell.

Next decade or so there will be no more lumber to sell.

That's the story. It is the story of a similar creature known as The Great American Ass.

Three hundred years ago the forests and the fertility of America were supposed to be inexhaustible.

To-day vast tracts of once fertile soil are exhausted and can be bought for almost nothing. And three-fifths of the original timber of the United States has disappeared.

Today we are using lumber four times as rapidly as we are growing it. Once the uncut forests of our country covered 822,000,000 acres. One-sixth remains. All woodlands, even including cut-over and burned areas, amount to about half the original virgin area.

Of idle, fallow, unused, and stupidly neglected land suitable only for forest growth and once bearing trees, 81,000,000 acres have been so ruthlessly cut or burned that it has become a wretched, useless, unproductive waste.

Three-quarters of the forests of New England are exterminated. In a few years New England will import what lumber it requires. New York, today, produces less than one-tenth of the lumber it requires.

Pennsylvania is now obliged to import eighty per cent. of the lumber it uses.

The white pine of Michigan, Minnesota, Wisconsin, is nearly gone; the yellow pine is three-fourths gone from the South; in the Middle States the timber is practically exhausted; twenty years will end both the hard-wood forests of the Appalachian region, and those of the Mississippi.

In twenty years the cypress, too, is doomed to varnish.

What remains? The Pacific Coast timber. And in thirty years that, too, will disappear.

When the forests go, the waters go, the fish and game go, crops go, herds and flocks go, fertility departs. Then the age-old phantoms



appear, stealthily one after another—Flood, Drouth, Fire, Famine, Pestilence.

#### The Situation is not Reassuring

The picture painted here isn't a pretty one. Nor have the colors chosen been too lurid or too thickly laid on. Alas, they have even been toned down! It's a rotten situation.

There are two ways of facing a rotten situation; get under the bed-clothes and try to forget it; or get up, put on your pants, go out and face it.

Of course the thing to do is to cut out the rottenness from the situation and turn it into a hopeful and practical one.

There is time, still. We'll have to pay for our asinine ignorance and indifference—pay in hard cash. Every pocket will fell it; every pocket feels it now. It's going to cost us what Broadway calls "real money." That can't be helped. The Piper must be paid. The thing to do is to pay him, send him away, and get down to brass tacks.

Now, then, here is the problem and the necessity.

We ought to grow sufficient timber in this vast land of ours for our own needs.

We ought to grow enough for profitable export.

We ought to grow enough permanently to protect our springs, watercourses, rivers, our water power, our navigable streams, the fertility of our fields, the welfare of our herds and crops.

We ought to grow enough to protect the health of our people.

We ought to grow enough to protect our birds; for, without them, our crops ultimately would be destroyed.

We ought to grow enough to give shelter and expansion to our game birds and animals, to our fur-bearing animals, to our fish.

There is no reason why we should not use our timber and have it, too—take each year what we require from our forests, and still retain our living forests—stately, permanent, useful, beautiful forests, paying in a hundred charming ways for the room they take and care they require—yes, paying even, in money, and paying well as first-class, profitable investments.

The Government should assume control of all lumbering in the United States.

This proposition is radical and it sounds like interference with private business. But it must come to that or our country becomes

like China, a land of perpetual famine and poverty—like China which not very long ago could boast forests as magnificent as our own.

All lumbering should be under governmental control. The most drastic regulations should govern every operation which entails the felling of trees for whatever purpose.

For every tree felled in the United States a permit should be obtained. For every tree felled, another should be planted immediately.

Our hundreds and hundreds of thousands of waste acres—acres sterile, fallow, burnt over, cut over—which now yield nothing, should be planted to forests.

#### The Future of the Industry

Where is the money to come from? For every "market" felled a fraction of a cent tax to Government—the entire sum to be spent in reforesting this wasted, mutilated land.

Federal control first of all; then Federal and State encouragement.

Seedlings, two-year, three-year transplants, grown in Federal or State nurseries, should be made attractively available to all who desire to start a patch of woods.

Every farm has its sterile, arid strips, of little or no use to agriculture, useless even for scanty pasturage.

It often has occurred to the writer that in the country, when two young people marry, no better provision for children, who ought to come, could be imagined than the planting of the waste acres with trees that would be a source of income to those children when grown and ready to marry.

As a nation we Americans are inclined to live for the present only. Seldom do we take thought for those who are to follow us—even for those to whom we owe every responsibility.

All woodlands ought to be, and can be, a source of perpetual income to their owners. On the acreage depends the income. Always lumber will be in demand. Always there will be need of home consumption also.

Let the Federal Government control; the State foster and encourage and make acquisition easy. Would it be a hardship if a State law made it obligatory that a certain percentage of every farm should be planted and maintained in forest?

### New Bill re Cove Receipt Transfers

The Peter Bercovitch which passed the Quebec Legislation at the last session, has been misinterpreted in spirit by several mediums, which have not received or read the full text of the bill.

13 George V, Chapter 6F. An act to amend the revised statutes 1900 respecting the cove receipts, amended by replacing subsection second of section seventeen of chapter first of title twelve, (Articles 7461 to 7464) by the following subsection and articles: Transfers of cove receipts 7461. Any car receipt or any receipt given by a cove keeper or by the owner or keeper or other person, entitled to the possession, use or occupancy of any wharf, yard, timber limit, harbor, boom, warehouse, storehouse or other place for logs, pulpwood or other timber, boards, deals, stores or other lumber or products thereof there laid up, stored or deposited, or any receipt given by any person in charge of logs, pulpwood or other timbers in transit by river or otherwise from timber limits or other lands or by the owner of or any person entitled to receive the same, or any bill of lading or receipt given by a master of vessel or by a carrier of logs, pulpwood, etc., can be transferred as collateral security for the payment of any bill of exchange, debt, note, or liability. Such endorsement, notwithstanding any existing law, vests in the endorsee, from the date of such endorsement all the rights and title of the endorser to or in or in respect to such logs, pulpwood or other timber, boards, deals, stores or other lumber or products thereof, and to all property into which the same or any part thereof may be converted, subject to the right of the endorser to have the same re-transferred to him, if such bill, note, debt or liability be paid when due. In the event of the non-payment of such bill, note, debt or liability when due, such endorsee may sell the said logs, etc.

7464. Any such endorsement of any such cove receipt or bill of lading or receipt acknowledgement or certificate, shall give the endorsee thereof security on the logs, pulpwood and other timber boards, etc., and the same or any thereof may be converted prior to and by preference over the claim of any unpaid vendor or other creditor, save and except claims for wages of labor performed in making and transporting such logs, pulpwood, etc.

The bill was passed with the following amendment,—“Nothing in this act shall be interpreted as affecting the rights of the Crown. This means that the bill as passed was a private one and not a government measure, and that it does not in any sense apply to Crown lands or limits leased by the Government to limit holders or lessees. It does not mean that a limit holder with lease of land has the right to hypothecate the uncut timber on these lands.

### Timber Cutting Operations Increase

W. N. Gilroy, of Coe Hill, Ont., in a recent letter to the "Canada Lumberman," says that he is operating on a much larger scale than he did last winter. Mr. Gilroy, who is a well-known dealer in lumber, pulpwood, railway ties, etc., says that last season he cut only between 200,000 and 300,000 feet and this winter his output will be 1,000,000 feet. There is a strong demand for hemlock and also many inquiries for other lumber, mostly of the better ends. Mr. Gilroy says there are five or six portable mills operating in that section of Hastings County which will all be busy from now on, some of them until July or August next. There is only one stationary mill in that section.

### Sudden Death of Fred. A. Marsh

Fred. A. Marsh, general purchasing agent of the Link-Belt Co., died recently at his home, 6436 Greenwood Ave., Chicago, at the age of 52 years. The end came rather suddenly. Mr. Marsh was a member of the Link-Belt organization for over 33 years and was one of the organizers of the Purchasing Agents' Association of Chicago. He served ably as its first president. For some years he had been a director of the National Association of Purchasing Agents and will be remembered by a large circle of business acquaintances for his sterling character and honor in the important business profession which he so long adorned.

### Converting Shavings Into Wood Flour

Mr. Ben. F. Worcester and his associates of Manchester, N. H., are installing at their Pawtuckaway Box Company factory at Suncook, N. H., five large Stroud Air Separation Wood Pulverizers and five all-metal 100% efficient Stroud Dust Collectors, and the necessary auxiliary machinery and power units.

They will send to this plant all the shavings, sawdust, planer chips and other waste wood from the factories of the Bachelder-Worcester Co. and the Smith Box & Lumber Co., both of Manchester, N. H., and there reduce to wood meal and wood flour, for use in the arts and industries. After six months of careful investigation Mr. Worcester and his friends feel assured that this will prove to be a profitable venture for them. E. H. Stroud & Co., of Chicago, are the makers of the machinery.



## New General Manager for Lumber Firm



John S. Parker, Burk's Falls, Ont.

Knight Bros. Co., of Burk's Falls, Ont., has a new manager in the person of John S. Parker, of Toronto, who succeeds the late J. H. Cole. He recently entered upon his new duties and is meeting with well-deserved success in the service of this established firm of lumbermen and woodworkers. Mr. Parker is no stranger to Burk's Falls, having had charge of the mechanical and electrical department of the Knight Bros. Company's plant from 1912 to 1916. In the latter year he joined the staff of the Hydro-Electric Commission of Ontario. There he was engaged in the municipal department. In this capacity he served four years as district engineer for the Northern and Eastern systems. For the last two years he had charge of the Severn, Wasdells

and Muskoka systems and supervised special development work in New Ontario. Mr. Parker's return to Burk's Falls is welcomed by the citizens of that place for, in his previous residence there, he always took a deep interest in everything that concerned the best welfare of the community.

## Death of John Joseph Whaley

The death took place recently in Guelph, Ont., of John Joseph Whaley, of the firm of Knight, Whaley Co., wholesale lumber merchants. Although he had been in failing health for several months past, he had shown signs of improvement, and relatives and friends were hopeful that he would be able to be around again.

The late Mr. Whaley was in his 64th year, and was a native of Milverton, a son of the late Mr. and Mrs. Samuel Whaley. He farmed for a short time and then went to Huntsville, where he entered the lumber business with his brother, the late Thos. Whaley, and his brother-in-law, the late W. J. Passmore. He came to Guelph 23 years ago, and was for some time a member of the firm of Cockburn & Whaley. When this partnership was dissolved Mr. Whaley became a member of the firm of Knight, Whaley Co., with offices at the corner of Wyndham and Macdonnell Streets, Guelph, and mills at Sundridge and South River, Ont.

Mr. Whaley went to the Southern States regularly for many years and considerable southern stock was handled. He was well known among the lumbermen, and was thoroughly efficient in his line of business, of which he possessed a wide knowledge. Mr. Whaley was an ardent curler and bowler, but during the past two or three years had not taken the time to participate in these pastimes. He was a prominent member of the Masonic order and was unmarried.

## Forest Products and French Treaty

Several Canadian forest products are affected by the new commercial treaty between Canada and France. The following come under the minimum French tariff:

Woods: common, logs, rough, not squared, with or without the bark, of any length, and of a circumference at the thickest end of more than 60 centimetres; wood, squared or sawn, 80 millimetres in thickness and above; stave wood; splints; hopwood and prepared poles, logs of 1 millimetre, 10 centimetres in length or less; resinous wood in logs; wood, planed, grooved and (or) tongued; doors, windows, wood cut for roller blinds; small wooden wares.

The following enjoy the benefit of the percentages of reduction mentioned, such percentages to bear on the difference between the rates of the general tariff and those of the minimum tariff: Wood, squared or sawn, less than 80 millimetres, but not exceeding 35 millimetres in thickness, 60 per cent, wood, sawn, 35 millimetres in thickness or less, 50 p.c.; casks, empty, serviceable, fitted together or not, 50 p.c.; manufacturers or turned wood, 40 p.c.; vats and tubs put together or not, 25 p.c.

## Fur Trade Ruined by Forest Fires

"The fur trade is being driven from the country by the northern forest fires," said Robson Black, of Ottawa, secretary of the Canadian Forestry Association, who was introduced by Gen. J. B.

White to the Westmount Women's Club recently at Westmount, Que. Mr. Black held that the fire-swept belt of the north was automatically dead, as a fur-bearer, for the next 200 years, as the most valuable animals had been expelled by the fire to inaccessible haunts, even further north. This was one of the indirect results of the fires which had destroyed ten times the wood used by the choppers during the last few years.

L. P. Kearney, Challis House, Sydney, Australia, importer and exporter wishes to be placed in touch with Canadian exporters of wood veneers, manufactured fir doors, and lumber for furniture. He is also an exporter of Australia hardwoods, cabinet woods, sleepers, etc.

On the matter of Christmas trees, the forestry man was inclined to be tolerant. He thought the unique delight they gave to the hearts of children was more than sufficient reason for their being cut. He thought, however, that the farmer, on whose land they often grew, should obtain higher prices for his trees.

Mr. Black covered familiar ground. He pointed out the value of conserving Canadian wood, for which there was an ever-rising market; and touched on limitations of resources, the manifold uses to which wood was bent in every active branch of enterprise, and the devastation wrought by the fire-fiend.

## Some Aspects of Proper Cost System

Editor, "Canada Lumberman,"

We are learning much these days of keeping correct costs. One has only to look over the cost estimates sent in by millmen for comparison with the estimates of their competitors to realize that methods and standards used in the different plants are anything but uniform. Whether this state of affairs is a healthy one I would not venture to say.

However, there are some men who think it is, and bring their tale of woe to association meetings telling of price cutters in their district and how these chaps are making life unbearable for the man trying to do business on a fair, profitable basis.

Their theory is, that these competitors know nothing about keeping correct costs. Their fellow members tell them to be patient assuring them that their tenacious competitors will soon go broke. But if we could follow up such complaints we would be surprised to find these so-called unethical competitors are sometimes very prosperous.

Right here I might point out the incontrovertible fact that accurate cost keeping will never bring about a uniform selling price. The sooner that some men waken up to the fact that co-operation in relation to prices will never replace healthy competition, will they pass into a saner plane of merchandising. I am an ardent advocate of correct cost knowledge which, in other words, means economical business methods, but do not believe in a man conforming unconditionally to other men's methods when it comes to selling his product.

This may seem a little radical to present day thought when progressive bodies of merchants are gathering together in every part of the land to talk over uniform methods. The trouble is that some men, after they see the good fruits of association work on a broad basis, depart from the straight and narrow path, and defying precedent, endeavour to establish co-operation in the stead of competition.

I have an instance in mind where a reputable contractor complained of a competitor building houses at a figure that at first seemed almost incredible and most unbusiness like. For comparison purposes we'll call the complaining contractor, "A," and the so-called transgressor "B." According to actual figures for the year contractor "A" finished twelve jobs, taking an average profit of \$700 on each job. This netted him \$8,400 profit for the year. Contractor "B" finished eighteen jobs in the year of the same kind of work, but only took a profit of \$550 on each job. He, thereby, undersold "A" by \$150 on each contract, but on the year's work received a net profit of \$9,900. He not only makes more money, but in times of keen competition takes business away from his competitor. It is readily understood how both of these contractors could have exactly identical costs and yet one could undersell the other on a businesslike and profitable basis. Contractor "B" would, of course, have to be sure that he could secure and handle the increased business in the year to enable him to work at such a price. But this would not be difficult to accomplish if he had a good reputation and bent every effort to augment his business. The reduced price would certainly be a big item in his favor.

In this case it never occurred to contractor "A" that "B" was anything but an ignoramus, but as he found later his competitor had his fingers on his costs which enabled him to plan his "increased business" campaign so efficiently.

Yours sincerely,  
Foresight.



## The Passing of Eminent Forester

Many friends through the forest products industry in Canada will regret to learn of the death of Dr. B. E. Fernow, former dean of the Faculty of Forestry, University of Toronto, who passed away at his home on Admiral Road, Toronto, recently. He was an outstanding scientist and expert on forestry and had a unique record of achievement and success. He was a native of Eastern Prussia where he was born in 1851 and after his academic training, he came to the United States in 1876 where he spent his first few years in the conversion of wood into alcohol.

During this part of his busy life he made himself practically acquainted with the value of forest trees for a variety of purposes, and he ultimately resolved to open an office in New York as a forestry expert. The reputation he made for himself in a country which was



The late Dr. B. E. Fernow, Toronto

giving little attention to the preservation and renewal of the natural forests led to his appointment in 1886 to superintend the forestry work in the United States Department of Agriculture, an occupation in which he spent a dozen years. From 1898 to 1903 he was Dean of the New York State College of Forestry in connection with Cornell University.

Within that interval he was invited to give an address to a convention in Toronto, in the course of which he summed up the most effective means of preserving in full vigor the natural forest in the formula, "Leaves, leaves, and more leaves." It was one of his favorite maxims that the preservation of the fallen leaves is the best means of promoting the vigorous growth of the trees in the forest. Later he spent some time in propagating his views and methods in connection with Yale University and the University of Pennsylvania.

In 1907 it seemed good to the Government of Ontario and the authorities of the University of Toronto to establish forestry as an academic department of the latter. From that time till his voluntary retirement in 1919, on account of failing health, he labored persistently and successfully to impress on the University, the Government and the general public the necessity of preserving the original forests that have survived and replacing them by reforestation where they have been destroyed by axe or fire. In the intervals of his academic work he made many visits to Northern Ontario, where much of the original forest has been destroyed by fire as well as by axe and saw. The only means of reforestation of devastated regions are those he persistently advocated with apostolic zeal—replanting devastated areas and lessening destruction by fire.

## May Have to Get License to Enter Woods

The provincial authorities of Ontario have under consideration a proposal to compel every tourist to take out a license before entering a forest in the province and to inform the forest ranger of his whereabouts. This is a plan proposed to minimize the great losses to the province through forest fires. It was laid before the lumbermen by the Government recently and was lately laid before the delegation of the Associated Boards of Trade by Premier Drury.

Both bodies viewed the proposal with approval. The delegation from the Boards of Trade submitted a number of resolutions to

the Government including one that greater effort should be made to maintain the forests of the province.

It was spoken to by James Keenan, lumberman, of Owen Sound, who pointed out that ten feet of timber was burned to every foot destroyed by the axe and only one quarter of what was cut down was being replaced, claiming that the province was being denuded of her timber resources.

Hon. Mr. Drury said there was an offer to plant free of charge any lands secured by municipalities. This offer has been open for some time and only 15 townships and two counties had taken advantage of it.

The municipalities could often get these lands at little or no costs and would become great assets. "It is for you gentlemen to urge this project along," said the Premier.

## Fire King Still Reigns Undisturbed

Some startling facts in regard to the great losses sustained by fire in Canada were presented at the annual meeting of the Dominion Fire Prevention Association which was held in Ottawa recently. W. H. Shapley, chairman of the D.F.P.A., stated that while the citizens of the Dominion are complaining of the burdens of taxation they are allowing \$45,000,000 worth of property to go up in smoke each year, to say nothing of the accompanying loss of life. Canada was up to date in other matters, he said, and there was no reason why the country should not excel in its fire prevention measures.

That the association met this year under the shadow of the greatest loss of property by fire that has ever occurred in a single year in Canada, was the statement of G. B. Finlayson, superintendent of insurance, who is secretary of the association. In 1922 the loss reported as being \$50,000,000. The amount collected as income tax was less than the amount of the fire loss last year, it being \$46,000,000.

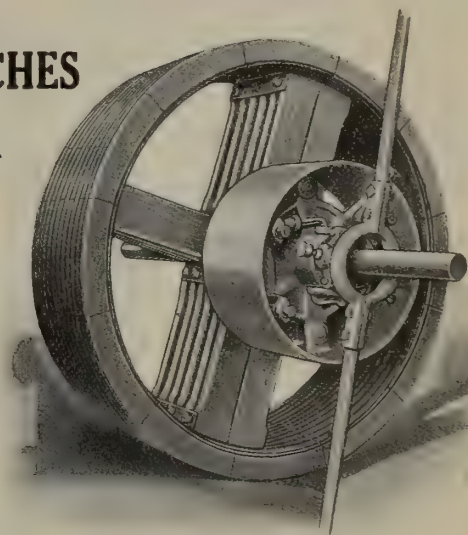
During the year 1922, fires in Canada numbered approximately 26,279, the loss being over \$5,000,000 greater than in 1921.

"There is no reason why counties should not take it up and even towns. We are ready to supply up to 50,000,000 young trees a year."

Mr. Finlayson said that \$19,842,243 of the total fire loss was in cities of more than 10,000 population, while \$12,831,290 was in rural districts, not included in the Northern Ontario fires.

## BERNARD SAFETY CLUTCHES

### Combined with WOOD SPLIT PULLEYS



**T**HE use of friction pulleys and clutches in a manufacturing plant and saw-mill, is an insurance policy of economy and safety. Who is not familiar with the enormous losses sustained every year by manufacturers and mill owners, due to frequent stops of the whole plant for only one machine in bad order.

Cut your expenses and prevent accidents in installing a Bernard clutch on each of your machines.

We are at your service to answer all your wants. We manufacture the most general and varied line of pulleys and clutches, in Canada.

Ask for our catalog.

**The A. Bernard Industrial Co.**  
Fortierville, Que.



# CURRENT LUMBER PRICES—WHOLESALE

## TORONTO

### White Pine

(In Car Load Lots, F.O.B. cars Toronto)

1 x 4/7 Good Strips	\$110.00	\$115.00
1 1/4 & 1 1/2 x 4/7 Good Strips	125.00	130.00
1 x 8 and up Good Sides	150.00	160.00
2 x 4/7 Good Strips	130.00	140.00
1 1/4 & 1 1/2 x 8 and wider Good Sides	185.00	190.00
2 x 8 and wider Good Sides	190.00	200.00
1 in. No. 1, 2 and 3 cuts	75.00	80.00
5/4 and 6/4 No. 1, 2 and 3 cuts	105.00	110.00
2 in. No. 1 2 and 3 cuts	120.00	125.00
1 x 4 and 5 Mill Run	53.00	54.00
1 x 7, 9 and 11 Mill Run	53.00	54.00
1 x 8 Mill Run	56.00	57.00
1 x 10 Mill Run	58.00	60.00
1 x 12 Mill Run	65.00	66.00
5/4 and 6/4 x 5 and up Mill Run	60.00	61.00
2 x 4 Mill Run	54.00	55.00
2 x 6 Mill Run	56.00	57.00
2 x 8 Mill Run	58.00	59.00
2 x 10 Mill Run	60.00	62.00
2 x 12 Mill Run	66.00	68.00
1 in. Mill Run Shorts	33.00	34.00
1 x 4 and up 6/16 No. 1 Mill Culls	33.00	35.00
1 x 10 6/16 No. 1 Mill Culls	39.00	40.00
1 x 12 6/16 No. 1 Mill Culls	39.00	40.00
1 x 4 and up 6/16 No. 2 Mill Culls	25.00	26.00
1 x 10 12 6/16 No. 2 Mill Culls	31.00	33.00
1 x 4 and up 6/16 No. 3 Mill Culls	17.00	18.00

### Red Pine

(In Car Load Lots, F.O.B. Toronto)

1 x 4 and 5 Mill Run	37.00	38.00
1 x 6 Mill Run	39.00	40.00
1 x 8 Mill Run	42.00	43.00
1 x 10 Mill Run	45.00	47.00
2 x 4 Mill Run	38.00	39.00
2 x 8 Mill Run	42.00	43.00
2 x 6 Mill Run	39.00	40.00
2 x 10 Mill Run	46.00	47.00
2 x 12 Mill Run	48.00	49.00
1 in. Clear and Clear Face	75.00	76.00
2 in. Clear and Clear Face	80.00	82.00

### Jack Pine

Mill Run (mill culls and dead culls out)		
2 x 4	36.00	38.00
2 x 5, 2 x 6	37.00	38.00
2 x 8	39.00	40.00
2 x 10	42.00	44.00
1 x 4 and wider	34.00	36.00
Mill Culls and Sound Wormy		
1 x 4 and wider	29.00	31.00
2 x 4 and wider	29.00	31.00

### Spruce

Mill Run (mill culls and dead culls out)		
1 x 4, and 5	\$ 37.00	\$ 38.00
1 x 6	39.00	41.00
1 x 8	41.00	43.00
1 x 10	44.00	45.00
1 x 12	48.00	50.00
2 x 4	37.00	38.00
2 x 6	38.00	39.00
2 x 8	40.00	41.00
2 x 10	44.00	45.00
2 x 12	49.00	50.00

### Mill Culls

1 x 4 and up No. 1	28.00	30.00
2 x 4 and up No. 1	30.00	31.00

### Hemlock (M R)

(In Car Load Lots, F.O.B. Toronto)

1 x 4 and 5 x 9 to 16 ft.	30.00	31.00
1 x 6, 9 to 16 ft.	35.00	37.00
1 x 7, 9 and 11, 9 to 16 ft.	35.00	37.00
1 x 8, 9 to 16 ft.	37.00	38.00
1 x 10 and 12, 9 to 16 ft.	39.00	40.00
2 x 4 to 12, 10 to 16 ft.	37.00	38.00
2 x 4 to 12, 18 ft.	42.00	43.00
2 x 4 to 12, 20 ft.	44.00	45.00
1 in. No. 2, 6 to 16 ft.	25.00	27.00

### Fir Flooring

(In Car Load Lots, F.O.B. Toronto)

Fir flooring, 1 x 3 in. No. 2 and better, edge grain	\$ 78.00
Fir flooring, 1 x 4 in. No. 2 and better, edge grain	75.00
Fir flooring, 1 x 3 in. No. 2 and better, flat grain	59.00
Fir flooring, 1 x 4 in. No. 2 and better, flat grain	62.00
1 x 4 to 12 in. No. 2 and better, clear fir,	

1 1/4 x 4 to 12 in. No. 2 and better, clear fir, rough	90.50
2 x 4 to 12 in. No. 2 and better, clear fir, rough	86.50
3 x 4 to 12 in. No. 2 and better, clear fir, rough	94.50
1 x 4, 5 and 6 in. fir casing	81.75
1 x 8 and 10 in. fir base	86.25
1 1/4 and 1 1/2 8, 10 and 12 in. E. G. Step-ping	97.25
1 1/4 and 1 1/2 8, 10 and 12 in. E. G. Step-ping	87.25
1 x 4 to 12 in. clear fir dressed 4 sides	80.25
1 1/4 and 1 1/2 x 4 to 12 in. clear fir D4S	84.00
XX Shingles, 6 butts to 2 in. per M.	3.50
XXX Shingles, 6 butts to 2 in. per M.	5.48
XXXXX Shingles, 5 butts to 2 in. per M.	6.28

### Lath

(F.O.B. Mill)

No. 1 White Pine	\$ 11.00
No. 2 White Pine	10.00
No. 3 White Pine	8.00
Mill Run White Pine, 32 in.	4.00
Merchantable Spruce Lath, 4 ft.	7.00

## TORONTO HARDWOOD PRICES

The prices given below are for car loads f.o.b. Toronto, from wholesalers to retailers, and are based on a good percentage of long lengths and good widths, without any wide stock having been sorted out.

### Ash, White

(Dry weight 3,800 lbs. per M. ft.)

	1s & 2s	No. 1	No. 2
1"	\$115.00	Com.	Com.
1 1/4 and 1 1/2"	125.00	80.00	50.00
2 1/2 and 3"	155.00	90.00	60.00
4"	170.00	130.00	65.00

### Ash, Brown

1"	\$105.00	\$ 60.00	\$ 40.00
1 1/4 and 1 1/2"	110.00	65.00	42.00
2"	120.00	70.00	45.00

### Birch

(Dry weight 4,000 lbs. per M. ft.)

	1s & 2s	Sels.	No. 1	No. 2
4/4	\$120.00	\$ 75.00	\$ 50.00	\$ 30.00
5/4	125.00	80.00	50.00	32.00
6/4	125.00	80.00	50.00	32.00
8/4	128.00	87.00	60.00	38.00
12/4	130.00	95.00	65.00	45.00
16/4	135.00	110.00	80.00	50.00

### Basswood

(Dry weight 2,500 lbs. per M. ft.)

	1s & 2s	No. 1	No. 2
4/4	\$80.00	\$55.00	\$30.00
5/4 and 6/4	85.00	60.00	35.00
8/4	90.00	60.00	30.00

### Chestnut

(Dry weight 2,800 lbs. per M. ft.)

	1s & 2s	No. 1	Sound
1"	\$135.00	\$ 85.00	\$ 45.00
1 1/4 to 1 1/2"	140.00	90.00	45.00
2"	145.00	100.00	50.00

### Maple, Hard

(Dry weight 4,000 lbs. per M. ft.)

	F.A.S.	Sels.	No. 1	No. 2
4/4	\$100.00	\$ 80.00	\$ 55.00	\$ 35.00
5/4	105.00	85.00	60.00	35.00
6/4	110.00	90.00	60.00	40.00
8/4	115.00	100.00	80.00	45.00
12/4	120.00	110.00	85.00	50.00
16/4	130.00	115.00	95.00	65.00

### Elm, Soft

(Dry weight 3,000 lbs. per M. ft.)

	1s & 2s	No. 1	No. 2
4/4	\$ 85.00	\$ 55.00	\$ 30.00
8/4	85.00	55.00	30.00
12/4	120.00	90.00	50.00

Gum, Red  
(Dry weight 3,300 lbs. per M. ft.)  
—Plain— —Quartered—

	1s & 2s	No. 1	1s & 2s	No. 1
1"	\$115.00	\$72.50	\$125.00	\$ 75.00
1 1/4"	120.00	75.00	130.00	80.00
1 1/2"	120.00	75.00	130.00	80.00
2"	125.00	80.00	135.00	85.00

### Gum, Sap

	1s & 2s	No. 1
1"	\$ 70.00	\$ 55.00
1 1/4 and 1 1/2"	73.00	58.00
2"	80.00	60.00

### Hickory

(Dry weight 4,500 lbs. per M. ft.)

	1s & 2s	No. 1
1"	\$125.00	\$70.00
1 1/4"	145.00	70.00
1 1/2"	145.00	75.00
2"	150.00	80.00

### Quarter Cut Red Oak

	1s & 2s	No. 1
4/4	\$125.00	\$ 80.00
5/4 and 6/4	130.00	85.00
8/4	135.00	90.00

### Plain White and Red Oak

(Plain sawed. Dry weight 4,000 lbs. per M. ft.)

	1s & 2s	No. 1
4/4	\$130.00	\$ 85.00
5/4 and 6/4	135.00	95.00
8/4	140.00	95.00
10/4	145.00	100.00
12/4	145.00	100.00
16/4	150.00	115.00

### White Oak, Quarter Cut

(Dry weight 4,000 lbs. per M. ft.)

	1s & 2s	No. 1
4/4	\$150.00	\$100.00
5/4 and 6/4	155.00	105.00
8/4	160.00	110.00

## OTTAWA

Manufacturers' Prices  
Pine

Good sidings:		
1 in. x 7 in. and up		\$130.00
1 1/4 in. and 1 1/2 in. 8 in. and up		\$165.00
2 in. x 7 in. and up		165.00
No. 2 cuts 2 x 8 in. and up		85.00
Good strips:		
1 in.		110.00
1 1/4 in. and 1 1/2 in.		120.00
2 in.		130.00
Good shorts:		
1 in. x 7 in. and up		100.00
1 in. 4 in. to 6 in.		80.00
1 1/4 in. and 1 1/2 in.		100.00
2 in.		110.00
7 in. to 9 in. A sidings	54.00	56.00
No. 1 dressing sidings	70.00	74.00
No. 1 dressing strips		62.00
No. 1 dressing shorts	50.00	53.00
1 in. x 4 in. s.c. strips		50.00
1 in. x 5 in. s.c. strips		50.00
1 in. x 6 in. s.c. strips		54.00
1 in. x 7 in. s.c. strips		54.00
1 in. x 8 in. s.c. strips, 12 to 16 ft.		55.00
1 in. x 10 in. M.R.		60.00
S.C. sidings, 1 1/2 and 2 in.		62.00
S.C. strips 1 in.	56.00	58.00
1 1/4, 1 1/2 and 2 in.		55.00
S.C. shorts, 1 x 4 to 6 in.		40.00
S.C. and bet., shorts, 1 x 5		38.00
S.C. and bet., shorts, 1 x 6		40.00
S.C. shorts, 6-11 ft., 1 x 10 in.		48.00
Box boards:		
1 in. x 4 in. and up, 6 ft.-11 ft.		32.00
1 in. x 3 in. and up, 12 ft.-16 ft.		36.00
Mill cull shorts, 1 in. x 4 in. and		
x 4 in. and up, 12 ft. and up		28.00
Mill culls, strips and sidings, 1		
in. up, 6 ft. to 11 ft.		24.00
O. culls r and w p		21.00

### Red Pine, Log Run

Mill Culls out, 1 in.	34.00
Mill culls out, 1 1/4 in.	34.00
Mill culls out, 1 1/2 in.	34.00
Mill culls out, 2 in.	34.00

### Mill Run Spruce

1 in. x 4 in. and up, 6 ft.-11 ft.	28.00
1 in. x 4 in. and up, 12 ft.-16 ft.	37.00
rough	86.50



# CURRENT LUMBER PRICES—WHOLESALE

1" x 9"-10" and up, 12 ft.-16 ft. . .	43.00
1 1/4" x 7, 8 and 9" up, 12 ft.-16 ft. .	40.00
1 1/4 x 10 and up, 12 ft.-16 ft. ....	43.00 47.00
1 1/2" x 12" x 12" and up, 12'-16'	50.00
Spruce, 1 in. clear fine dressing	
and B .....	65.00
Hemlock, 1 in. cull .....	22.00
Hemlock, 1 in. log run .....	24.00 28.00
Hemlock, 2 x 4, 6, 8, 10 12/16 ft. .	30.00
Tamarac .....	25.00 28.00
Basswood, log run, dead culls out	45.00 50.00
Basswood, log run, mill culls out	50.00 54.00
Birch, log run .....	60.00 65.00
Soft Elm, common and better,	
1, 1 1/2, 2 in. ....	58.00 68.00
Ash, black, log run .....	62.00 65.00
1 x 10 No. 1 barn .....	57.00 62.00
1 x 10 No. 2 barn .....	51.00 56.00
1 x 8 and 9 No. 2 barn .....	47.00 52.00
<b>Lath per M.:</b>	
No. 1 White Pine, 1 1/4 in. x 4 ft. .	11.00
No. 2 White Pine .....	10.00
Mill run White Pine .....	8.00
Spruce, mill run, 1 1/2 in. ....	9.00
Red Pine, mill run .....	7.00
Hemlock, mill run .....	6.00
<b>White Cedar Shingles</b>	
XXXX, 18 in. ....	7.00
Clear butt 18 in. ....	6.00
18 in. XX .....	4.00

## QUEBEC

### White Pine (At Quebec)

	Cts.	Per Cubic Ft.
First class Ottawa waney, 18 in. average according to lineal ..	100	110
19 in. and up average .....	110	120

### Spruce Deals (At Mill)

3 in. unsorted, Quebec, 4 in. to 6 in. wide .....	\$25.00	\$27.00
3 in. unsorted, Quebec, 7 in. to 8 in. wide .....	28.00	30.00
3 in. unsorted, Quebec, 9 in. wide ..	35.00	40.00

### Oak (At Quebec)

	Cts.	Per Cubic Ft.
According to average and quality, 55 ft. cube .....	125	130

### Elm (At Quebec)

According to average and quality, 40 to 45 ft. cube .....	130	140
According to average and quality, 30 to 35 ft. ....	100	125

### Export Birch Planks (At Mill)

1 to 4 in thick, per M. ft. ....	\$35.00	\$40.00
----------------------------------	---------	---------

## ST. JOHN, N.B.

### (From Yards and Mills—Wholesale) Rough Lumber

2x3, 2x4, 3x3, 3x4, Rgh. Merch. Spr. \$25.00	
2x3, 2x4, 3x3, 3x4, Dressed 1 edge..	26.00
2x3, 2x4, 3x3, 3x4, Dressed 4 sides	32.00
2x6, 2x7, 3x5, 4x4, 4x6, all rough ....	26.00
2x8, 3x7, 5x5, 6x6. ....	32.00 to 35.00
2x9, 3x8, 6x8, 7x7, ....	36.00
2x10, 3x9, ....	38.00
2x12, 3x10, 3x12, 8x8 and up .....	27.00
Merch. Spr. Bds. Rough, 1x3-4&5	26.00
Merch. Spr. Bds. Rough, 1x7 & up. ..	40.00
Refuse Bds., Deals and Setgs. ....	20.00
Above Random lengths up to 18-0 long.	
Lengths 19-0 and up \$5.00 extra per M.	
For planing Merch. and Refuse Bds. add \$2.00 per M. to above prices.	
Laths, \$6.00.	

### Shingles

	Per M.
Cedar, Extras .....	\$5.75
Cedar, Clears .....	4.75
Cedar, 2nd Clears .....	3.75
Cedar, Extra No. 1 .....	2.25
Spruce .....	3.25

## SARNIA, ONT.

### White Pine—Fine, Com. and Better

1 x 6 and 8 in .....	\$120.00
1 in., 8 in. and up wide .....	135.00
1 1/4 and 1 1/2 in. and up wide .....	180.00
2 in. and up wide .....	180.00

### Cuts and Better

4/4 x 8 and up No. 1 and better ....	135.00
5/4 and 6/4 and up No. 1 and better	152.00
8/4 and 8 and up No. 1 and better ..	152.00

### No. 1 Cuts

1 in. 8 in. and up wide .....	115.00
1 1/4 in., 8 in. and up wide .....	125.00
1 1/2 in., 8 in. and up wide .....	125.00
2 in., 8 in. and up wide .....	130.00
2 1/2 in. and 3 in., 8 in. and up wide ..	175.00
4 in., 8 in. and up wide .....	185.00

### No. 1 Barn

1 in., 10 to 16 ft. long .....	\$ 75.00 \$ 85.00
1 1/4, 1 1/2 and 2 in., 10/16 ft. ....	80.00 85.00
2 1/2 to 3 in., 10/16 ft. ....	85.00 100.00

### No. 2 Barn

1 in., 10 to 16 ft. long .....	65.00 75.00
1 1/4, 1 1/2 and 2 in., 10/16 ft. ....	66.00
2 1/2, 1 1/2 and 3 in. ....	85.00

### No. 3 Barn

1 in., 10 to 16 ft. long .....	48.00 55.00
1 1/4, 1 1/2 and 2 in., 10/16 ft. ....	50.00 56.00

### Box

1, 1 1/4 and 1 1/2 in., 10/16 ft. ...	34.00 37.00
---------------------------------------	-------------

### Mill Culls

Mill Run Culls—	
1 in., 4 in. and up wide, 6/16 ft. .	28.00
1 1/4, 1 1/2 and 2 in. ....	29.00

## BUFFALO and TONAWANDA

### White Pine

#### Wholesale Selling Price

Uppers, 4/4 .....	\$225.00
Uppers, 5/4 to 8/4 .....	225.00
Uppers, 10/4 to 12/4 .....	250.00
Selects, 4/4 .....	200.00
Selects, 5/4 to 8/4 .....	200.00
Selects, 10/4 to 12/4 .....	225.00
Fine Common, 4/4 .....	165.00
Fine Common, 5/4 .....	180.00
Fine Common, 6/4 .....	180.00
Fine Common, 8/4 .....	180.00
No. 1 Cuts, 4/4 .....	130.00
No. 1 Cuts, 5/4 .....	140.00
No. 1 Cuts, 6/4 .....	150.00
No. 1 Cuts, 8/4 .....	160.00
No. 2 Cuts, 4/4 .....	77.00
No. 2 Cuts, 5/4 .....	107.00
No. 2 Cuts, 6/4 .....	107.00
No. 2 Cuts, 8/4 .....	122.00
No. 3 Cuts, 5/4 .....	65.00
No. 3 Cuts, 6/4 .....	75.00
No. 3 Cuts, 8/4 .....	75.00
Dressing, 4/4 .....	95.00
Dressing, 4/4 x 10 .....	98.00
Dressing, 4/4 x 12 .....	110.00
No. 1 Moulding, 5/4 .....	155.00
No. 1 Moulding 6/4 .....	155.00
No. 1 Moulding 8/4 .....	160.00
No. 2 Moulding, 5/4 .....	125.00
No. 2 Moulding, 6/4 .....	125.00
No. 2 Moulding, 8/4 .....	130.00
No. 1 Barn, 1 x 12 .....	95.00
No. 1 Barn, 1 x 6 and 8 .....	81.00
No. 1 Barn, 1 x 10 .....	85.00
No. 2 Barn, 1 x 6 and 8 .....	67.00
No. 2 Barn, 1 x 10 .....	68.00
No. 2 Barn, 1 x 12 .....	80.00
No. 3 Barn, 1 x 6 and 8 .....	52.00
No. 3 Barn, 1 x 10 .....	54.00
No. 3 Barn, 1 x 12 .....	57.00
No. 1 Box 1 x 6 and 8 .....	45.00
No. 1 Box 1 x 10 .....	46.00
No. 1 Box 1 x 12 .....	48.00
No. 1 Box 1 x 13 and up .....	49.00

## BUFFALO

The following quotations on hardwoods represent the jobber buying price at Buffalo and Tonawanda.

### Sap Birch

1 in .....	90.00 52.00 32.00
5/4 and up .....	100.00 55.00 32.00

### Maple

	1s & 2s	No. 1 Com.	No. 2 Com.
1 in. ....	\$ 80.00	\$ 52.00	\$ 32.00
5/4 to 8/4 .....	85.00	55.00	32.00
10/4 to 4 in. ....	90.00	60.00	32.00

### Soft Elm

1 in. ....	70.00	45.00	30.00
5/4 to 2 in. ....	75.00	50.00	30.00

### Red Birch

1 in. ....	120.00	75.00	
5/4 and up .....	125.00	80.00	

### Basswood

1 in. ....	85.00	50.00	32.00
5/4 to 2 in. ....	90.00	55.00	32.00

### Plain Oak

1 in. ....	100.00	60.00	35.00
5/4 to 2 in. ....	110.00	70.00	38.00

### White Ash

1 in. ....	95.00	55.00	32.00
5/4 to 2 in. ....	100.00	60.00	32.00
10/4 and up .....	105.00	63.00	32.00

## BOSTON

Quotations given below are for highest grades of Michigan and Canadian White Pine and Eastern Canadian Spruce as required in the New England market in car loads.

White Pine Uppers, 1 in. ....	\$232.00
White Pine Uppers, 1 1/4, 1 1/2, 2 in. ..	232.00
White Pine Uppers, 1 1/4, 1 1/2, 2 in. ..	255.00
Selects, 1 in. ....	207.00
Selects, 1 1/4, 2 in. ....	207.00
Selects, 2 1/2, 3 in. ....	232.00
Fine Common, 1 in. 20% 12 in. and up	188.00
Fine Common, 1 x 8 and up .....	188.00
Fine Common, 1 1/4 to 2 in. ....	193.00
Fine Common, 2 1/2 to 3 in. ....	233.00
Fine Common, 4 in. ....	258.00
1 in. Shaky Clear .....	120.00
1 1/4 in. to 2 in. Shaky Clear .....	130.00
1 in. No. 2 Dressing .....	90.00
1 1/4 in. to 2 in. No. 2 Dressing .....	100.00
No. 1 Cuts 1 in. ....	148.00
No. 1 Cuts, 1 1/4 to 2 in. ....	163.00
No. 1 Cuts, 2 1/2 to 3 in. ....	193.00
No. 2 Cuts, 1 in. ....	95.00
No. 2 Cuts, 1 1/4 to 2 in. ....	135.00
Barn Boards, No. 1, 1 x 12 .....	105.00
Barn Boards, No. 1, 1 x 10 .....	96.00
Barn Boards, No. 1, 1 x 8 .....	93.00
Barn Boards, No. 2, 1 x 12 .....	91.00
Barn Boards, No. 2, 1 x 8 .....	78.00
Barn Boards, No. 2, 1 x 10 .....	79.00
Barn Boards, No. 3, 1 x 12 .....	68.00
Barn Boards, No. 3, 1 x 10 .....	66.00
Barn Boards, No. 3, 1 x 8 .....	63.00

### No. 1 Clear

Can. Spruce, No. 1 and clear, 1 x 4 to 9" \$75. \$85.	
Can. Spruce, 1 x 10 in. ....	88.00 90.00
Can. Spruce, No. 1, 1 x 4 to 7 in. ....	86.00 87.00
Can. Spruce, No. 1, 1 x 8 and 9 in. ....	88.00 92.00
Can. Spruce, No. 1, 1 x 10 in. ....	90.00 92.00
Can. Spruce, No. 2, 1 x 4 and 5 in. ....	36.00 38.00
Can. Spruce, No. 2, 1 x 6 and 7 in. ....	39.00 40.00
Can. Spruce, No. 2, 1 x 8 and 9 in. ....	40.00 42.00
Can. Spruce, No. 2, 1 x 10 in. ....	44.00 45.00
Can. Spruce, No. 2, 1 x 12 in. ....	45.00 46.00

### Spruce Dimension

8" & under 20' & under \$48.00 to \$50.00 base.	
9" & under 20' & under 49.00 to 51.00 base.	
10" & under 20' & under 50.00 to 52.00 base.	

### Merchantable Spruce

2 x 3, 4, 6, 7 random .....	\$35.00 to \$37.00
2 x 8, and 9 random .....	44.00 to 46.00
2 x 10 random .....	44.00 to 45.00
2 x 12 random .....	45.00 to 47.00

All other random lengths, 7 in. and under 8 ft. and up .....

5 in. and up merchantable boards, 8 ft. and up, D 1s .....	33.00 35.00
1 x 2 .....	35.00 37.00
1 x 3 .....	33.00 35.00
1 1/2 in. Spruce Lath .....	8.50 9.00
1 1/2 in. Spruce Lath .....	7.75 8.50

### New Brunswick Cedar Shingles

Extras .....	\$ 6.00 6.35
Clears .....	\$ 5.00 5.50
Second Clears .....	4.00
Clear Whites .....	3.50 3.75



**Second Hand  
Machinery &  
Equipment  
Wanted &  
For Sale**

# Quick Action Section

**Special Lots  
Of Lumber—  
Positions  
Wanted &  
Vacant**

## Lumber Wanted

### Offers Wanted

for 2" and 3" Prime Hardrock Maple for English importers. State price and delivery. Box 104, Canada Lumberman, Toronto. 3-8

### Wanted

Ten carloads Hard Maple 1 1/4" x 3 1/4" x 18" and up in length. For further particulars, apply to Box 155, Canada Lumberman, Toronto. 5-T.f.

### Wanted

Number one Birch and White Oak Logs, in carload lots. Quote price F.O.B. shipping point. Apply Box No. 143, Canada Lumberman, Toronto. 5-8

### Lumber Wanted

A block of Hemlock lumber, also block of mill run Jack Pine or Spruce, also Spruce and Jack Pine Lath, for winter or spring delivery. The Elgie & Jarvis Lumber Co., Ltd., 18 Toronto St., Toronto.

### Wanted—Birch

and other Hardwoods suitable for the U. S. trade, graded or log run. Cash as loaded. Give loading point and full description together with estimated grades. Wallace H. Partridge, Inc., Springfield, Mass. 5-T.f.

### Hardwood Wanted

2 cars 4" x 4" Sound Hearts  
1 car 2" x 4" Sound Hearts  
At what prices can you saw above?  
HUNTINGTON & FINKE CO.,  
Buffalo, N. Y. 5-6

### Spruce Wanted

2 or more cars 6/4" Culls or Better any width and length.  
Quote f.o.b. cars mill or delivered Buffalo.  
HUNTINGTON & FINKE CO.,  
Buffalo, N. Y. 5-6

### Lumber Wanted

Hard Maple, Birch and Red Oak Lumber, in carload lots, for immediate shipment, or will contract for your season's cut. Delivery when in shipping condition. Address reply Box 101, Canada Lumberman, Toronto. 3-6

### Wanted

To contract for one hundred thousand feet genuine Rock Elm for bending purposes. Cut 3 1/4" thick. Delivery next summer. No substitute will be accepted. Quote price to St. Marys Wood Specialty Co. Ltd., St. Marys, Ont. 3-6

### Here is the Place to Unload

Your old stock. We buy any kind of lumber cheap—long and short lengths 2 x 4 and wider. Shingles in any grade in carlot only. Laths any size in carlot. Finish lumber and flooring, pine, oak, birch and maple. Must be cheap for cash. H. Fitzgerald, 1462 Pine-gree Ave., Detroit, Mich. 24-5

### Wanted

15 cars 1 1/4" Winter Cut Basswood Log Run.  
12 cars 2 1/2" and 3" No. 1 Com. & FAS Soft Elm  
5 cars each 2", 2 1/4" and 3" Hard Maple, No. 1 Com. & FAS.  
10 cars Birch logs, good size and quality. Write Conroy-Buchanan Lumber Co., Jamestown, N. Y. 4-7

### Wanted

2 Million feet spruce, jack pine and hemlock for spring delivery.  
10,000 cords of spruce peeled and rough pulpwood.  
10,000 cords of peeled poplar.  
50,000 cedar, hemlock and jack pine ties.  
Apply to Quebec Lumber Co., 140 St. Peter St., Quebec, Que. 5-8

### PUBLISHER'S NOTICE

Advertisements other than "Employment Wanted" or "Employees Wanted" will be inserted in this department at the rate of 25 cents per agate line (14 agate lines make one inch). \$3.50 per inch, each insertion, payable in advance. Space measured from rule to rule. When four or more consecutive insertions of the same advertisement are ordered a discount of 25 per cent. will be allowed.

Advertisements of "Wanted Employment" will be inserted at the rate of one cent a word, net. Cash must accompany order. If Canada Lumberman box number is used, enclose ten cents extra for postage in forwarding replies. Minimum charge 25 cents.

Advertisements of "Wanted Employees" will be inserted at the rate of two cents a word, net. Cash must accompany the order. Minimum charge 50 cents.

Advertisements must be received not later than the 10th and 20th of each month to insure insertion in the subsequent issue.

### Dry Hard Maple Wanted in Carload Lots

1 1/4" x 3" in lengths of 18", 27", 36", 45" etc.  
1 1/4" x 3 1/4" same lengths.  
1 1/4" x 2 1/2" x 49" (one half each size.)

1 " x 3 1/2" x 49"  
All to be free from defects.  
Will contract for mill cuts of hard maple to be sawn into these sizes after lumber is dry, shipment next summer and fall.

Box No. 989, Canada Lumberman, Toronto. 3-T.f.

## Lumber For Sale

### For Sale

Slack barrel and keg material by the carload. R. J. Miller, Blacklands, Siding, N.B. 3-14

### For Sale

Hand peeled spruce and balsam pulpwood. Sound clean stock. James Thos. Clair, Clair, N. B. 5

### For Sale

Dry Basswood Lumber 4/4. Excellent stock. Make your best offer. Box 222, Barrie, Ont. 5

### Dry Hardwood for Sale

100,000 ft. Birch, Maple, Beech, Oak and Ash Sawn 2", 3" and 4" thick. Chapeau Lumber Company, Fort Coulonge, P.Q. 4-T.f.

### Hemlock for Sale

150,000 ft. of 1" Mill Cull Hemlock 1922 sawing well manufactured and properly graded. Can be dressed if desired at shipping point at low price.

J. GEO. CHALIFOUR,  
93 St. Peter St.,  
Quebec, Can. 5

## SACRIFICE SALE

of

### Birch and Hemlock Limit

27 square miles—Powassan vicinity, 4 miles from Railway Siding. Choicest Birch and Hemlock in Ontario. Operated this season for the first time in thirty years.

### Estimate:

Birch	20,000,000
Hemlock	15,000,000
Pine	2,000,000
Railway Ties	350,000

A large quantity of Pulpwood, Telephone Posts, Hemlock Bark, Chemical Wood, etc.

Owing to ill health, the owner offers the above as going concern at a great sacrifice. Easy terms or stumpage basis. Apply to Owner, Box 131, Canada Lumberman, Toronto. 5

### For Sale

1 million ft. Fir and Larch, to be cut in dimensions, several cars 3 x 12 small timbers up to 12 x 12. Michael Dumont, Bridesville, B. C. 5-6

### For Sale

Standing timber estimated 20 million feet, about 75% hardwood, with or without mill. Located in Northern Frontenac County, Ont. Apply Box 76, Canada Lumberman, Toronto. 2-7

### Jack Pine Culls for Sale

500 M ft. 1" x 4" and wider—excellent grade—dry stock—can dress if desired. Have stock at mill for prompt shipment. Will quote attractive prices.

HUNTINGTON & FINKE CO.,  
Buffalo, N. Y. 5-6

## Machinery Wanted

### Wanted

Alligator—steel or wood, in good condition. Give full description, for cash. Box 99, Canada Lumberman, Toronto. 3-6

## Machinery For Sale

### For Sale

Linn Lumber and Logging Tractor. Apply Box No. 60, Canada Lumberman, Toronto. 24 T.f.

### For Quick Disposal

One slide valve engine, 100 H.P. in good repair. Will sell cheap for quick sale. Box 125, Canada Lumberman, Toronto. 4-7

### For Sale

One heavy duty lumber carriage 40" open—with or without steam feed. A snap if taken at once. Box 126, Canada Lumberman, Toronto. 4-7

### For Sale

McGregor Gourlay Q.Y., 15 x 6 Planer and Matcher complete. Now running. The Peterborough Lumber Co. Ltd., Peterborough, Ont. 4-7

### For Sale

Alligator, Rebuilt by West, Peachey & Sons in 1921. Side wheeler, in first-class condition. Apply Schroeder Mills & Timber Co., Pakesley, Ontario. 2-5

### For Sale

Having installed a large Scaper, we are offering our 30" Whitney Scraper complete with knife grinder and two blocks, in first class condition. Apply Hay & Co. Ltd., Woodstock, Ont. 3-6

### For Sale

Two Steam Engines. About 100 H.P. each. Both in fine running condition. Very low price for quick sale. Address, The Maitland Lumber Co. Ltd., Liverpool, N. S. 5-8

### For Sale

1 Waterous Pony Bond \$635.00. 1 E. Long 36" right hand Edger with 3 collars, \$365.00. All in good condition. Box 136, Canada Lumberman, Toronto. 5-10

### For Sale

Small, stationary Circular Saw Mill with good power. Capable of cutting 15,000 ft. per day. Will sacrifice for cash. Apply Box 145, Canada Lumberman, Toronto. 5-6

### For Sale

In good condition, machinery too heavy for us. 8' Band Mill, Carriages, Niggers, Kickers, Gang, Boilers, Engine Pumps. Edouard Ruel Limitee, Lauzon, Levis, Que. 5

### For Sale

One used S.A. Woods Planer and Matcher, 15" x 9", No. 33 in very good working order, at a very attractive price. Also one Automatic Circular Saw Grinder. O. Chalifour, Inc., Quebec, P.Q. 4-7

### For Sale

One little Giant Turbine Water Wheel with division plate in case and open square gate box, all in self contained, all iron scroll case. Bevel gears, shaft, boxes and large drive pulley. Address McCall & Company, St. Williams, Ont. 5

### For Sale

1 Corliss Engine 13" x 30".  
1 Stationary Boiler 56" x 12'.  
2 power driven water pumps.  
1 vacuum feed water heater.  
A complete equipment. Will sell reasonable. Apply to Crystal Beach Planing Mills, Crystal Beach, Ont. 5-6

### For Sale

Portable saw mill.  
3 block carriages.  
Double edger, boiler and engine.  
A complete equipment. Will sell reasonable and take lumber in exchange.  
Apply: Barrett Bros., 260 Catherine St. Ottawa. 2-5

### For Sale

1-7" Steam Feed  
1-Medium weight Carriage 40" opening,  
Double acting set works.  
1-Balance Wheel, 8 ft. dia. 4" rim 4 1/2" bore, approximate weight 20 hundred.  
50 ft. Smoke Stack—24 in. dia.  
1-Champion Steam Engine 8 x 10.  
L. Robertson, Ardbeg, P. O., Deer Lake, Ont. 5-8

## FOR SALE

### Surfacers, Planers and Moulders

S. A. Woods No. 28—Hardwood Flooring Planer and matcher \$ 600.00  
Fay and Egan 15" x 6" Planer and Matcher 900.00  
Levi Houston 9" Outside Moulder 200.00  
S. A. Woods No. 59—24" x 6" double Surfacers Fine shape, Sectional rolls 1,500.00  
Just the machine for Box Factory  
S. A. Woods No. 107—12" x 6" Moulder Very Popular Machine 1,650.00  
S. A. Woods No. 22—15" x 6" fast feed Planer and Matcher—6 knife round heads and double profiler, feeds up to 225 per minute. Thoroughly rebuilt. Guaranteed. Description and price on request. Box 154, Canada Lumberman, Toronto. 5



## Wickes Gang

GANG: No. 12 Wickes Gang, 40" sash, 15" stroke, steam boiler rolls, front and back in two sections, feed and oscillation combined, 1908 model, and has been in use for five years. We furnish with this gang 11 rolls for cants and stock, one filing machine, and 4 sets of saws.

THE PEMBROKE LUMBER CO.,  
1 T.f. Pembroke, Ont.

## Engines, Boilers, etc., for Sale

One "Williams" Upright Engine 6" x 6".  
One Upright Engine 5" x 6".  
Six return tubular boilers of following dimensions:—  
One "Butterfield" 72" x 14'-3 1/4" tube—3/4" shell.  
One "Polson" 64" x 14'-3 1/4" tube—1/2" shell.  
One "Doty" 60" x 15'-4" tube—1/2" shell.  
One "Doty" 60" x 15'-4" tube—1/2" shell.  
One "Doty" 60" x 14 1/2'-4" tube—1/2" shell.  
One "Ingis" 60" x 16'-3" tube—1/2" shell.  
One double acting "Northey" Fire Pump, 6" suction, 5" discharge, 14" steam cylinder, 8" water cylinder, 13" stroke, capacity 450 gallons per minute.  
One "Northey" feed pump 6 x 4 x 7" stroke, capacity 60 gallons per minute.  
One brass mill steam whistle.  
For further particulars apply The Conger Lumber Co. Limited, Parry Sound, Ontario.  
13-E.O.I.-T.f.

## Sawmill Machinery For Sale

I am dismantling one of the largest mills in Nova Scotia, and offer the machinery at junk values. Complete list furnished on request.

Here are a few items picked at random, to give you an idea of the money you can save:  
42" Stock Gang—Stearns Mfg Co.,  
Eric, Pa. ....\$1000.00

24" Stroke Double Cylinder A frame  
Sawmill engine Geo. Waring Mfr. \$1000.00

1 Left hand Band Saw Carriage 25'  
Overall with set works, dogs, wire rope, feed gear driven by a Pawling & Harnishfecher twin engine feed, 10 x 12 cylinder—carriage equipped for setters to ride .....\$1500.00

1 Tandem Band Sawmill composed of a right and left hand Band Saw with wheel 72" x 8" .....\$ 400.00

Haulup, Steam Kickers, Live Rollers, Conveyors, Shafting, Hangers, Boxes, etc., etc.

RALPH P. BELL,  
Timberlands & Pulpwood,  
4-7 P.O. Box 1081, Halifax, Nova Scotia.

## Notice To Sawmill Owners

We are disposing of the machinery, etc., in our sawmills at Waubaushe, Ontario, and would be glad to have enquiries for any kind of sawmill machinery. At present time we have unsold:

Band-Saw Mills and Saws.  
Circular Saw Frames and Saws.  
Gang-Saw Machines and Saws.  
Twin Circular Machines and Saws.  
Carriages with and without Steam Set-works for the above Band-Saws and Circulars.  
Steam Feeds for the above Carriages.  
Steam Log-Loaders and Steam Niggers.  
Trimmers and Slash-Tables.  
Lath Mills.  
Automatic Circular Grinders.  
Automatic Gang-Saw Grinders.  
Automatic Band-Saw Grinders.  
Log Haul-ups.  
Engines, Boilers, Shafting, Pulleys, Belting, Lumber Trucks.  
Everything that goes to make up a large sawmill.

This machinery, for the greater part, is of William Hamilton Manufacturing Company make, and is in first class condition and the prices are right.

Enquire from

The Georgian Bay Lumber Co., Ltd.  
3-10 Waubaushe, Ontario.

## GOOD VALUES

### Subject to Prior Sale

Band resaw, Connell & Dengler, 54" and 60".  
Band resaw, Mershon 54" Standard.  
Band rip saw, Yates No. 281.  
Circular resaw, 44".  
E. B. Hayes, Dowel Gluer and Driver.  
Jointers, 16" and 24".  
Matcher, Woods No. 403 double profiler.  
Matcher, Woods, 15" No. 24 square head.  
Matcher, Sherman Hardwood Flooring End.  
Matcher and Sizer, 30" x 12", American.  
Matcher, Hardwood American No. 229.  
Moulder, Woods No. 2 light inside.  
Moulder, Smith 10" four side.  
Moulder, Woods 12" 5 head inside.  
Planers, all sizes single and double.  
Sanders, three drum, 30", 42", 48" and 60".  
Saws, circular, power feed, several makes.  
Timber Sizers, Yates and American.

Woodworking Machinery Co., of Buffalo,  
54 Mechanic St.,  
5-E.O.I.-T.f. Buffalo, N. Y.

## Situations Wanted

POSITION WANTED by experienced lumber buyer in hardwoods, familiar with national rules, first class references. Box 107, Canada Lumberman, Toronto. 3-5

YOUNG MAN with 6 years' experience in lumber business wants position in Toronto lumber yard or office. Box 127, Canada Lumberman, Toronto. 4-5

POSITION WANTED by a first class Band Saw filer, 20 years experience. No job too large. Box 15, Canada Lumberman, Toronto. 5-10

MAN WITH MILL EXPERIENCE would like position to hammer and file large circular saws in sawmill for coming season. Box 106, Canada Lumberman, Toronto. 3-6

POSITION WANTED—as Band Saw Filer in real good Band Mill, any size. Very best of references. Single or Double cut. 22 years experience. Box 115, Canada Lumberman, Toronto. 3-6

OFFICE MAN, twenty years timber trade experience open for engagement. Age 39, married. Good references. Can go anywhere. Apply Box 137, Canada Lumberman, Toronto. 5-6

CASHIER PAYMASTER, married man, twenty years lumber business experience all branches, open for engagement. Ontario or west preferred. Salary reasonable. Write Box 138, Canada Lumberman, Toronto. 5-6

Young Man, 28, wishes to learn the lumber business preferably the selling end. Has had some selling and several years experience in accounting and office work, any place in Canada. Box No. 71, Canada Lumberman, Toronto. 1-6

WANTED—for coming season—position as sawyer on left hand rig, either bands or circulars. Fifteen years experience on fast rigs. Best of references. Write or wire Peter Dennis Leggers, Gen. Del., Winnipeg, Man. 5-6

WANTED—position as superintendent or manager of lumber company. 8 years experience in bush operations, manufacturing, shipping, etc., and general office work. Licensed culler. Best of references. Box 150, Canada Lumberman, Toronto. 5

EXPERIENCED LUMBER SALESMAN, speaking both languages desires to represent wholesale lumber company in Montreal and Quebec province on commission basis. Address Geo. H. Thibault, Room 211, 180 St. James Street, Montreal, Que. 5-6

WANTED—Position as woods superintendent. Twenty years experience in logging and river driving logs or pulpwood. Can handle the business thoroughly, either jobbers or company camps. Best of references, both languages, and married. Box 146, Canada Lumberman, Toronto. 5-8

POSITION WANTED as office manager or yard manager by advertiser. Eighteen years lumber trade experience. Can handle work and staff. Married, age 38 years, British. Reasonable salary. Any location. Write first instance Box 139, Canada Lumberman, Toronto. 5-6

RELIABLE YOUNG MAN—would like to get agency from wholesale lumber concern, to sell in Nova Scotia and Newfoundland on commission. Have had fourteen years experience in building and handling lumber. Can furnish references. Box 121, Canada Lumberman, Toronto. 4-5

Situation Wanted—Married man wishes permanent position Cashier or Book-keeper have had twenty years experience in the Lumber Business, speaks English and French, can furnish Bonds and also best of testimonials, all replies treated confidential. Box 92, Canada Lumberman, Toronto. 2-5

WANTED—Position as Superintendent, or manager of lumber company. Eighteen years practical experience, which time have been with but two concerns, holding these positions with success. Would entertain subordinate position with future and prove ability. Forty years old and married. Unquestionable references as to ability and integrity. Box 80, Canada Lumberman, Toronto. 4-7

YOUNG SCOTCHMAN—Married, abstainer, wisher permanent position as bookkeeper, stenographer and general office man. Have had following experience: Six years' banking, two years' assistant bookkeeper and stenographer, London, England; eight years' lumber office experience; have also general store bookkeeping experience. Apply Box 41, Canada Lumberman, Toronto. 5

AGGRESSIVE YOUNG MAN—with ability, integrity and 5 1/2 years and valuable experience in lumber offices, desires permanent position that has a good future with progressive concern. Have been accustomed to handling correspondence, orders, sales and bookkeeping. Prefer to locate in Georgian Bay district or Northern Ontario, but other places considered. Excellent credentials. Replies treated confidentially. Box 148, Canada Lumberman, Toronto. 5-6

A YOUNG MAN, twenty-seven years old, with high school education, and business college training, desires position as lumber shipper, assistant bookkeeper or other clerical work. I have had charge of hiring, loading crews, sorting out lumber and loading cars in six places in the central part of New Brunswick for United Lumber Limited, with Head office at 7 East 42nd St., New York City, and a branch office in Fredericton. I worked in an office of a lumber company for over a year. Box 123, Canada Lumberman, Toronto. 4-5

## Situations Vacant

WANTED—Sawyers, Filers, Setters, Edgermen, Mill Hands. Apply Box 109, Canada Lumberman, Toronto. 3-7

WANTED—Capable lath and picket mill foreman, one who is able to take entire charge in every respect. In reply give experience and salary desired. Apply Bishop Lumber Company, Limited, Nesterville, Ontario. 3-5

WANTED LIVE YOUNG MAN for retail hardwood yard in Toronto, to act as yard foreman, inspector and shipper. Apply in own handwriting, giving details of education, experience and salary desired. Box 144, Canada Lumberman, Toronto. 5

WANTED—Assistant mill foreman for white pine operations. Must have had past experience, know how to efficiently manufacture lumber and also how to repair and maintain machinery. Apply Bishop Lumber Company, Nesterville, stating past experience and salary desired. 3-5

## Business Chances

A COMPETENT PARTY would take charge of sawmill for season 1923, to saw by contract. Apply Box No. 142, Canada Lumberman, Toronto. 5

OFFICE MANAGER OR SECRETARY, active and reliable, who can invest \$5,000.00 in good going concern, in one of the best towns in Ontario. References required. Apply Box No. 132, Canada Lumberman, Toronto. 5

### Wanted

A tie and pulpwood limit in Ontario near river which flows into lakes or Georgian Bay. Apply to Canadian Dealers and Jobbers, Ltd., 140 St. Peter Street, Quebec, Que. 3-6

### For Sale

Rixon-Ainslie-Stoddart Sawmill at Owen Sound. Splendid power plant and machinery. Will be sold cheap. Apply Keenan Bros., Ltd., Owen Sound, Ont. 23 T.f.

## Lumbermen

Please send your stock sheets with prices delivered Detroit on hardwood lumber, also customer's contract for mill-cuts to A. H. David, 2626 Taylor Ave., Detroit, Mich 1-11

## To Wallboard Manufacturers

We are desirous of taking an agency for Great Britain for a well manufactured Wallboard. Frank Rosser, 53 Chorlton St., Manchester, England. 24-5

## Wanted

to correspond with parties who can deliver 500,000 feet or more 8" jack pine logs to vessels anywhere in Georgian Bay. Address Hine Lumber Co., 3-123 General Motors Building, Detroit, Mich., U. S. A. 5-8

## For Sale

Mill and Timber Limits for sale. Timber large proportion Hardwood. Mill twenty thousand capacity. Large cattle and breeding ranch. Will sell with or without ranch. Located in Eastern Ontario. Address Box No. 50, Canada Lumberman, Toronto. 22T-f.

## For Sale Cheap

Circular Sawmill, Building and Machinery; Steam Feed, suitable for Ties and Lumber. also

Small two-storey Brick Factory, well-located, with or without woodworking machinery. Apply to John Harrison & Sons Co., Limited, Owen Sound. 24 T.f.

## For Sale

SPECIAL OPPORTUNITY, to join with owner of valuable timber property on waters tributary to main line of C. P. R. in British Columbia.

Cedar, Spruce, White Pine and Hemlock 120,000,000 feet.  
Would dispose of part interest on very attractive basis.

Full particulars on application to H. Y. T., 9 College Street, Toronto. 5-8

A SPLENDID OPENING—OPPORTUNITY IS OFFERED to a thorough lumberman of executive ability with good active selling and buying connection, to join another lumberman who is well known and connected in the export trade, with a view of starting a wholesale and export business. Advertiser has \$25,000.00 available and would expect associate to be also financially interested. Negotiations strictly confidential. Address Box No. 94, Canada Lumberman, Toronto. 2-5

## Partnership Wanted

"Lumber Exporter with \$25,000.00 cash, for many years partner and manager of a well known lumber export firm now liquidated, with excellent connections in England and well known in Canada and the United States, would like to form partnership connection with an established and reputable lumber manufacturer, or wholesaler wishing to enlarge their business. Strictly confidential. Full particulars and outline of proposition to be addressed to Post Office Box 284, Montreal." 3-5

## For Sale

Timber Berth No. 200 in the Township of Morin on the North shore of Lake Huron containing 34 1/2 square miles more or less. The limit contains mainly white pine, there is also a large quantity of spruce, cedar, birch and hemlock. A list of supplies on hand and equipment may be seen at the depot. A complete logging and driving outfit consisting of sleighs, boats, two gasoline launches, thirty-four horses, etc. Tenders will be received by Fraser & Co., 74 Nepean St., Ottawa, up to the 10th of May 1923. Further particulars may be had on application. 5-9

## Miscellaneous

D. FLORENCE & SONS  
Bethune St., Peterborough, Ont.

Dealers in Scrap Iron, Metals, Second-Hand Machinery, Pipes, etc. 2-24

FOR SALE:—Used Belting, Rails, Blocks and Pulleys. Send us your Scrap Iron and Metal etc. Highest market price paid. A. Low and Company, 264 Simcoe St., Peterborough, Ontario. 1-24



# Review of Current Trade Conditions

## Quebec Lumbermen Have Several Shipping Difficulties

Lumber operations in the woods in the district of Quebec, are proceeding splendidly. The winter conditions have been ideal and the woodsmen happy in their camps. The same conditions do not, however, prevail in Gaspé or limits on the Lower St. Lawrence bounded by the Coast, which sections have repeatedly been swept with violent snow storms and falls of snow of unusual depth. Reports from lumber camps on these conditions say that the storms are so incessant and the snow so deep as to threaten the camps and retard log cutting. The same storm conditions are said to have prevailed in Nova Scotia and New Brunswick to make operations in the woods difficult. It is strange that this severe weather which has been sweeping the Atlantic for the past two months and ravaging the coast towns, has given the district of Quebec a wide berth.

The lumber interests of Quebec are much exercised over the railway freight car embargo which has been holding up Canadian shipments to the United States for the past four months. The various Quebec firms have their books filled with American orders and are unable to ship for want of cars. The American embargo is caused by the shortage of rolling stock ever since the shop strike in the United States and the large number of locomotives and freight cars out of repair as well as the severe winter climatic conditions in the United States. There was recently between seven and eight million feet of manufactured lumber ordered waiting at the various mill bases to be shipped to the central markets of the United States which cannot be moved on account of the embargo and shortage of cars. The Quebec firm of W & J. Sharples Limited, have 2,500,000 feet of manufactured lumber to ship, and the other firms are in the same category.

On the first day of last month the Canadian lumber interests were officially notified by a circular from the American railroads to the effect that the embargo was lifted but that no American railway cars were available to cross into Canada to move the lumber. The removal of the embargo did not seem to alleviate the situation owing to the fact that no American railway cars could be procured and the Canadian railways would not allow their cars to cross into the United States with the uncertainty of not having them returned. The Quebec shippers in the meantime were using all their endeavors to have the Canadian National Railways furnish the necessary freight cars without success. On February 9 another official circular was received from the American railway interests to notify the Quebec shippers that the embargo was again declared to hold up their business and keep them guessing when they will be able to ship their wood to their American customers.

## Business in Montreal Continues Favorable

Conditions in the Montreal market are very favorable. Business is good, there being no difficulty in disposing of desirable lines at the enhanced values now current. A position has developed which was not expected by many wholesalers. They looked for an improvement, but they did not, as a rule, anticipate that it would set in so strong during the winter months which are usually quiet. The demand is much larger than was looked for, and prices have responded to this free buying. While some nice business has been booked for local industrial concerns, the chief source of the orders is from the border, where customers are apparently purchasing in the belief that values will go still higher. Some very large blocks of spruce have been sold for American account at quotations which represent fair advances. The recent orders, combined with comparatively small stocks, have resulted in prices advancing in a way which came more or less as a surprise.

The retail trade is on the quiet side, but some firms have bought extensively in anticipation of building operations opening up. It looks as if there will be a very good constructional season, as inquiries for large quantities of lumber have been received. In addition to the house programme, there are several important building projects in view which will require considerable lumber.

Complaints of a shortage in cars are still being made. The scarcity of cars and the transportation difficulties, due to storms, are causing delays in the shipment of lumber. Lath is in free demand and prices have strengthened.

Hardwoods continue to show great firmness. The buying has been on a satisfactory scale at better prices.

A fair amount is doing in B. C. forest products, although the

high prices are not favorable to the extension of trade.

Men for the camps are still in demand and are difficult to secure. The representative of one large concern who visited Montreal in order to obtain help, could only obtain five men. Another was even less successful. Apparently there is a great disinclination to go into the bush, it being reported that many who signed earlier in the season have quit for other jobs or for no jobs.

Recent advices from the U.K. are to the effect that there is likely to be a stronger demand for Canadian lumber when the season opens here. An inquiry for a very substantial block of spruce has been received.

## Trade in Ontario Affected by the Weather

Owing to the severe storms and cold weather for several days the epidemic of flu and other disturbing causes, the volume of business done throughout Ontario in the lumber line was not as large during the last two weeks in February as it might otherwise have been. Most yards are pretty well stocked up and are awaiting the advent of spring before making any large purchases. Generally speaking stocks with the retailers are fairly full at the present time and it is not known definitely yet how building will shape up in the smaller towns and villages.

In the meantime there is a feeling of optimism prevailing in most quarters, with a confident assurance that 1923 should be a good year in the lumber line if structural activities are normal and the expected industrial revival is not too long delayed. Values are maintained at a firm level and manufacturers are in most cases holding out for a considerable advance over last year's figures. They contend that production costs are higher. Wholesalers who have been buying some moderate-sized stocks, are not inclined to take too great hazards. They realize that it is difficult to get dry lumber at present in sizeable quantities and that stocks in mill yards are lower than they have been for a long time.

No one knows exactly what shape the market will assume after June next when the new cut comes on. All millowners are preparing for active operations during the coming season and entertain but little apprehension that they will be able to dispose of their stocks at a satisfactory figure. The American demand keeps up well and inquiries are numerous. Most of the wholesalers, however, are adopting a conservative attitude and while they are purchasing in moderate quantities, they are not digging deeply into 1923 sawing at the enhanced figure. In the meantime, it is easy to dispose of dry lumber today, particularly in the upper grades.

In most parts of Ontario manufacturers report that logging operations are being continued under ideal conditions and while the snow has been a little too deep at certain points, still hauling and skidding facilities have been carried on satisfactorily.

Word received by Eastern Canada representatives of B. C. mills is to the effect that there has been an advance of several dollars on commons. Clear stocks, however, remain at the old figure.

Speaking of conditions generally, one leading representative said there is not at present any decided tendency on the part of dealers to do much buying. There is an occasional car being placed here and there but it is only being done when the stock is required for immediate shipment or for some special work. Boards and shiplaps advanced \$3.00 recently, timbers another \$1.00 and cedar bevel siding \$2.50. The base price of timbers delivered in Toronto, is now \$54.25 and the ordinary sizes of dimensions, 2 x 4, 6, 8, etc., up to 14 feet, No. 1 common fir, 1/4 scant, are now quoted at \$51.25, while shiplap and boards have a base of \$45.25, Toronto delivery.

The spread between Ontario woods and British Columbia woods is now wider than ever before, and salesmen for B.C. stocks say unless Eastern mills make radical increases in their own stocks, they may not be able to ship very much into this market except clears.

Speaking to the "Canada Lumberman" one salesman said:—"The question might be asked, 'Why is the advance on British Columbia stocks necessary?' There are several factors entering into the situation out there which must be taken into consideration before we brand the West Coast Manufacturers as hold-up experts. The most important feature is the export market which, for the last three months, has been very strong and is showing more strength every week. Vessels which were chartered last Fall are now due for sailing and the business has to be placed with the mills at any cost. How long this will last will depend entirely upon conditions in the various countries to which this stock is going. We also have





View of Mills in Sarnia.

## ***“On Time” Delivery***

Getting the goods delivered ON TIME is just as important as being able to produce them—and we make a specialty of both. Ask any retailer or woodworking establishment who has been using our A 1 NORWAY or WHITE PINE LUMBER.

We also make a specialty of heavy timbers, cut to order any length up to 60 feet from Pine or B.C. Fir. Quotations will be gladly forwarded upon request.

***“Rush Orders Rushed”***

# **Cleveland-Sarnia Sawmills Co., Limited**

**SARNIA, ONTARIO**

**B. P. BOLE, Pres.   F. H. GOFF, Vice-Pres.   E. C. BARRE, Gen. Mgr.   W. A. SAURWEIN, Ass't. Mgr.**



a very keen demand from the U.S. Atlantic Seaboard. The wholesalers of the United States are convinced that lumber is as cheap now as it will ever be and they are buying in heavy quantities. Another feature that we must not forget is that the large railway companies are placing orders for car material in quantities heavier than has been seen for some years and they expect that this will continue for, at least the first half of this year.

"For the first time in a long while the West Coast manufacturer is in a position to make a reasonable profit on the lower end of his product. With conditions as they are at present, and with the factors already enumerated, it can hardly be expected that they can do anything else than raise their price and, in fact, they can hardly be blamed for doing so. These are a few of the reasons why we might say the advances have been justified. The retailer, knowing that business is not active down East, will perhaps wonder why West Coast lumber is moving upward. Many are of the opinion that the advances have been due to new year resolutions on the part of the lumbermen and that we will see a recession within a few weeks. It is my opinion, however, that the new levels have come to stay for the best part of spring and probably into the early summer."

In Canadian hardwoods there is continued activity. Stocks are scarce and those who are getting them out are inclined to hold the cut at a high figure. The demand for Canadian birch, maple, and basswood just now comes principally from Chicago, Grand Rapids and Detroit, and there are large requisitions for 5/4, 6/4 and 8/4 with a decided scarcity in 6/4 in No. 1 common and better. Western shipments are reported to be fairly prompt but in the East wholesalers declare there are a number of embargoes at different points and it is not possible in numerous cases to secure permits to have cars of lumber, delayed in some instances for weeks, go forward. It is hoped that this state of affairs will be overcome in the near future.

Prices in all lines of hardwood are well maintained. The demand from automobile manufacturers, agricultural implement makers and railways is active and indications on the part of these consumers are to fill their needs at the present price levels. Furniture factories are not buying much at present and are reported, except in a few instances, to be rather quiet. On the whole, the hardwood situation is viewed favorably, and if values do not soar out of sight, apparently there is no valid reason why 1923 should not be a good steady year for both operators and distributors.

### No Weakening of Spruce Prices at St. John

The last two weeks have seen no weakness in the spruce market. The whole trouble is lack of railway markets as the entire Boston & Maine system is embargoed and each week seems to see this condition grow worse, largely aggravated by the snowfalls which have taken place; also lumber is tabooed, coal and foodstuffs being given the precedence.

The yards over in New England and New York are very low in stocks of spruce and in many cases on the New Haven Railway are hauling long distances with trucks through snow to try to keep supplying some propositions which are being erected.

Prices for narrow random continue to bring \$27.00 to \$28.00 on cars, St. John, with 2 x 8 at around \$35.00 to \$36.00.

Lath have also stiffened, and as high as \$6.75 per M. has been paid for them alongside vessel St. John, while \$6.50 per M. has been paid for 1923 cuts ending next December.

The English market has not weakened and the brokers, while not making any high bids, are offering pretty fair prices. As yet the brokers are not speculating but just feeling around. Certainly with the shortage in the log cut in Nova Scotia, one might say from 300,000,000 feet down to 100,000,000 feet and not over 400,000,000 feet in New Brunswick against a usual 800,000,000 feet, with no old stocks left, manufacturers should certainly have a good steady market, and if the Continental situation clears up shortly, prices should improve to where there is a profit in production.

Freights have not changed any although it is said one or two charters have been made at 60 shillings.

Local business is dull, very cold and snowy weather having practically tied up building.

### Halifax Reports Active Shipment of Deals

The season has now reached a point where the output of lumber for the current winter can be estimated with some degree of accuracy. The snow fall has been almost unprecedented, with very little rain, and the adverse weather conditions, which have shown very little, if any improvement since the beginning of February, have seriously interfered with lumbering operations both in this province and New Brunswick, and it is difficult to see how a shortage can well be avoided.

The larger portion of the winter cut spruce and hardwood is

being manufactured into deals for the British market, and shipped from Halifax as fast as transportation facilities permit.

Since the beginning of the year, the demand from the United Kingdom has been quite active, with prices satisfactory, while the rate of Sterling Exchange has been steadily drawing nearer par.

The latest reports from the other side have been rather disquieting. The market is reported in a depressed condition, with prices averaging about a pound per standard less. In view of the limited offerings from this side it is difficult to find a satisfactory explanation of this decline, and the general opinion is that it is only temporary. It is not thought to be due to any weakness of the lumber trade itself, but is a reflection of the general unsettled conditions in Europe.

The American market continues strong, and shipments are going forward as rapidly as the numerous embargoes will permit.

The principal sizes in demand are 2" spruce and hemlock boards. The lath market which went off rather badly around the beginning of the year, shows signs of a revival. This is no doubt due to the fact that many of the mills that expected to saw laths during the winter were forced to quit, and there are few surplus laths in sight for the spring trade.

Water shipments, which usually terminate when winter comes, have this year been continued from the Port of Halifax during this winter at a reduced scale.

It is safe to predict that when the snow goes off, and winter operations have been brought to a close, practically all the manufactured lumber will have been shipped, and only the summer cuts which are small in the aggregate compared with the winter cut will remain to be disposed of.

### Nova Scotians Prefer the British Market

In the discussion on the spruce outlook, which took place at the recent convention of the Canadian Lumbermen's Association in Montreal, one of the speakers was Rufus E. Dickie, of Stewiacke, N. S. Mr. Dickie is president of the Nova Scotia Lumbermen's Association and was re-elected a director of the C.L.A. for the coming year. He was reported as saying that the Canadian spruce product hardly met the particular British market and that the main export for spruce would be to United States. Mr. Dickie states that this assertion is not correct. What he did say was that Nova Scotia lumbermen are selling all they can in the British market. Buyers there are not so exacting regarding quality and manufacture as American customers. He also adds that the difference in specifications, etc., considered, British importers are paying prices which leave a better net return to the manufacturer.

### Fraser Companies Operated at Capacity

The annual report of the Fraser Companies, Limited, of Edmundston, N. B., for the year ending December 31st 1922, shows net profits of \$804,614, compared with \$1,001,459 in 1921. From the net profits of \$804,614 are deducted \$368,750 for bond interest and \$221,247 for other interest, leaving a balance of \$314,617, which, added to last year's surplus, leaves a total of \$1,097,759.

From this balance there is appropriated depreciation amounting to \$209,455; depletion, \$57,840; annual proportion of discount on securities sold, \$31,500 and Dominion Government taxes, \$5,205. Inventories are written down to replacement value as at December 31 by an appropriation of \$270,000 from profit and loss for that purpose. After these deductions there remains a balance at credit of surplus account of \$523,759 against \$783,142 a year ago.

The president of the company, Mr. Archibald Fraser, in his report to shareholders, says, in part, as follows:—"Your mills were operated at capacity throughout the year, resulting in reduction of inventories to normal. During the year your company redeemed and cancelled \$250,000 par value of its first mortgage 6 per cent. bonds, of which there are now outstanding \$1,750,000 par value. Since the date of your last balance sheet current liabilities have been reduced by more than \$1,000,000."

### British Columbia Fears Runaway Market

Special artificial prices for lumber are worrying the British Columbia lumbermen, as they fear that the reaction after a runaway market may be detrimental to the industry as a whole and may eliminate many of the profits already secured. Seattle and Portland wholesalers have been running up the price.

They have not only market commitments in Eastern States, but also have considerable space arranged for. Under ordinary conditions they would be able to secure their lumber from the Washington and Oregon mills, but for three months there has been a serious log shortage interfering with lumber production in those States. This drove the buyers to British Columbia, and they offered almost any price for spot lumber.



## The Otis Staples Lumber Co., Ltd.

Wycliffe, B. C.

### Larch and Fir

Dimension

Clears

Boards

Crating

Shiplap

Box Lumber

Edge grain larch flooring a Specialty

### Western White Pine

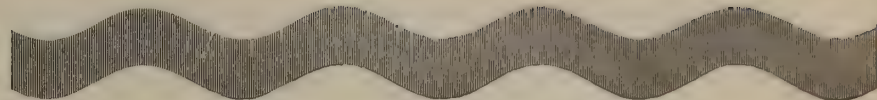
Clears and Commons

Inquiries handled from our Eastern Office:

**1304 Bank of Hamilton Bldg., TORONTO**

Phone  
Main 5345

R. G. Chesbro,  
Manager



## It Meets Every Northern Logging Need

In swamping out roads, toting supplies, skidding logs, or making up and hauling trains, the Northern "Caterpillar"\* Logger does all the things a machine must do to be a real success in winter logging work. Its flexible tracks enable it to climb over obstructions, cross small gullies, and operate uninterruptedly both on and off the road. It is easy to control, turns in its own length and provides the correct speed for every operation. Where heavy snowfalls bury the roads and camps, the Northern "Caterpillar"\* Logger quickly plows through the drifts and gets traffic moving. We are equipped to give immediate service on spare parts. Write today for descriptive catalog.



*\*There is but one "Caterpillar"—Holt builds it*

**CANADIAN HOLT COMPANY, Limited**

1109 St. Catherine St., W., Montreal, P.Q. Telephone Uptown 1504

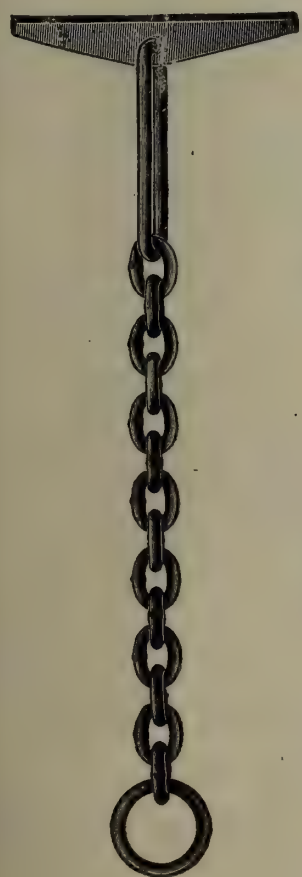
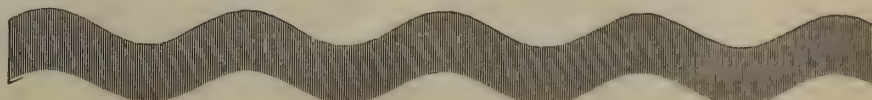
*Branches and Service Stations all Over the World*

**CATERPILLAR**

Reg. U. S.

Pat. Off.

**H O L T**



## BOOM AND RAFTING CHAINS

ALL STYLES

$\frac{3}{8}$ " to  $\frac{3}{4}$ " Electric Welded

$\frac{3}{8}$ " to  $1\frac{1}{4}$ " Fire Welded

SERVICE  
AND  
QUALITY

**McKinnon Columbus Chain, Ltd.**  
ST. CATHARINES, ONTARIO



### East Reports Steady Shipments to Ireland

During the last few weeks practically no lumber has moved by rail from St. John and vicinity, caused by the embargo set by the Maine Central against lumber for B. & M. points. No movement took place on the New York, New Haven & Hampshire Railway. It was opened up for a few days to lumber but closed again before anyone had a chance to get anything moving.

Storm after storm has caused many of the small operators to quit yarding logs in the woods, and as far as nearby counties are concerned, the cut will be considerably reduced. In many cases no logs had been cut, camps only having been completed as the jobbers were late in starting operations. In all probability should the snow continue as deep for the next month, at least, a shortage of 100,000,000 feet will be the effect.

Shipments to Great Britain and Ireland, especially the latter, continue to go forward, and each vessel leaving port, particularly the Irish vessels, is carrying good quantities of lumber. This is making a fine impression on the stocks here and spring will find very little old on hand either 1922 or earlier cut.

The market is no weaker, and has been steady both in the American and British countries. No selling has been done as shipments to the American market are about impossible. Manufacturers are not pressed for funds, and, realizing the conditions in the markets, refuse to sell and certainly feel that spring will bring a solid market, and prices should range \$2.00 to \$3.00 per M higher than to-day.

British buyers are beginning to make offers for deals from this side for 1923 cuts but only in limited numbers. One or two sales have been effected, it is said, around \$26.00 to \$27.00 per M for 6/3, and under 7 and 8 x 3 at about \$30.00, 9 x 3 and 11 x 3 at around \$38.00; the whole to average about \$32.00 on sellers' docks. This is only a fair price compared with the cost of logging, etc.

No mills are running this winter at St. John. The portable cut is limited. Many of these mills are sawing English as well as American sizes and their cuts are well divided.

Laths are firmer. The quantity being cut and delivered is certainly going to be much less than ever figured, and by spring buyers will certainly find an extreme shortage under figures estimated. They are selling to-day about \$6.50, f.o.b. cars St. John.

The box trade is also improving very slowly and some export business has been closed. Local business is almost at a standstill and will, no doubt, remain so until warmer weather sets in.

### Good Prices Secured on Spruce Pulpwood

Three pulp and timber areas in Northwestern Ontario were involved in sales which the Crown Lands Department completed recently at the Parliament Buildings, Toronto. The areas involved were small, being only two and one-half square miles in the aggregate, but the transactions were notable for the high price which spruce pulp realized in one instance, the satisfactory figure of \$3.51½ per cord being bid for the wood in Stirling Township. The concessions sold and the price realized in each instance, crown dues being included, were:

The west half of Stirling Township, one-quarter square mile in area, which was secured by the Russell Timber Company of Port Arthur. The prices agreed to are \$12.03 cents per thousand feet for spruce timber, \$3.51½ per cord for spruce pulp, and 76½ cents per cord for fuelwood.

A concession on the Lake Superior Division of the C.N. Railway was awarded to J. E. Cook, of Fort William, who bid \$2.15 per cord for spruce pulp and \$1.40 per cord for other pulp.

A one-quarter square mile tract, on the north half of lots seven, and one in Cane Township, for which the successful tenderer was Donald Duff, of Cane, P.O. His bid was: Pine timber, \$4.25 per thousand feet; spruce and poplar timber, \$3 per thousand feet; other timber, \$2.50 per thousand feet; ties, 30 cents each; spruce pulp, 90 cents per cord; other pulp, 50 cents per cord; fuelwood, 35 cents per cord.

### Are Millwork Prices too High?

Why is it that the home builder always expects cheap woodwork? He is willing to pay a fair price for almost every other item entering into a house, but when it comes to the woodwork, especially if a high class job is required, he usually balks at the price.

Commenting on this phase of the millwork business, a prominent woodworker stated that recently he was approached by a prospect who had considerable means, and asked to quote on some built-in fixtures for his new home. This home-builder had his quotations on lumber, heating and all other work. When buying the hardware, two different styles and finishes were shown, the difference in price being in the neighborhood of \$225.00, and the high price line was

the Province. It was held by the Treasury Department that this purchased without a murmur. When the cost of the millwork was submitted to him, he went straight up in the air. All the other items which went into his house had met with his approval,—high-priced hardware, costly face brick, lighting fixtures, plumbing fixtures, etc., yet when the millman quoted a fair price, in fact a competitive price, the customer thought he was being robbed.

Does this not suggest that the millwork industry either individually or collectively, should take steps to educate the public to the fact that millwork prices are too low, if anything, and to the value and satisfaction to be derived from having high-class woodwork in the home.

### Now Has Charge of Toronto District

J. A. Cadenhead, who for nearly two years has been on the inspection staff of the National Hardwood Lumber Association, Toronto, was recently placed in charge of the Toronto District, succeeding H. F. Holton, who, however, continues in the service. Mr. Cadenhead is well known in retail, wholesale and manufacturing ranks and his father, the late Alex. Cadenhead, was for many years associated with the Laidlaw Lumber Co. Previous to coming to Toronto the family resided in Midland. J. A. Cadenhead secured his first position with the Laidlaw Lumber Co., and after seven years' service with them, joined the Edward Hines Lumber Co., of Chicago, where he was employed on the grading and inspection staff for six years. For two



J. A. Cadenhead, Toronto

seasons he was located at Owen Sound where he spent the time in the mill of the Carney Lumber Co., the output of which was taken by Mr. Hines. Mr. Cadenhead was subsequently in Virginia, Minn., inspecting the stock of the Virginia & Rainy Lake Lumber Co., which was disposed of annually to Mr. Hines. For a considerable period he was with C. H. Swift & Sons, Utica, N.Y., wholesalers and manufacturers, and looked after the inspection of their hardwood stocks in Quebec. On his return to Toronto he became identified with the Anderson-Miller Lumber Co. in an inspecting and sales capacity in which he was engaged until August 1921 when he joined the inspection staff of the National Hardwood Lumber Association.

### New Sales Manager for Disstons

The appointment of D. W. Jenkins—better known most everywhere that lumber is cut as "Dave" Jenkins—to the position of sales manager in the mill goods department of Henry Disston & Sons, Inc., Philadelphia, calls attention to the career of a man who is well known in nearly every branch of the lumber industry.

He has had lumber and mill experience over nearly the entire country, from the Atlantic to the Pacific, and from Seattle down into the South. Many years ago, Mr. Jenkins started his business life as a manufacturer of lumber in Kentucky. Later, he joined the Disston organization—just about twenty-six years ago—as representative travelling out of the old Disston Louisville branch. When the Louisville office was consolidated with the present Disston branch at Cincinnati, he moved with the branch, and for three years travelled out of Cincinnati office. At the end of three years, he was transferred to the Disston general offices in Philadelphia and travelled out of there, covering territory in the middle west for the following four years.

### Logs are Subject to Timber Tax

In a Treasury decision made public, at Washington, D. C. Collectors of Customs are instructed to assess countervailing duties upon logs of varieties specified in the Forest act of the Province of British Columbia which are subject to a timber tax, whether the logs are cut from crown or private lands. The tax assessed by British Columbia follows: Two dollars per 1,000 feet, on No. 1; \$1.50 per 1,000 on No. 2, and \$1 per 1,000 on No. 3. It is provided by the act that all the tax over and above 1 cent per 1,000 feet shall be allowed when the timber upon which it is due or payable is manufactured in latter provision constitutes a restriction on exportation,



In these days of keen competition, QUALITY TELLS, and so far as Lumber is concerned we believe we can safely say we can furnish QUALITY combined with the BEST OF SERVICE.

At the present time we have a considerable quantity of

# 1" No. 1 Common Cedar

This is particularly desirable stock, being a SMALL-KNOTTED type and will make excellent Boards and Shiplap, also a good cheap Siding or Ceiling. Try a car and we feel sure you will be surprised at its superiority.

We also manufacture FIR and Spruce. As DIMENSION, our FIR be can strongly recommended, and GOLDEN SPRUCE already has a string of steady users in Eastern Canada.

Our sawmill, with a daily 10-hour cutting capacity of 200,000 feet, is the largest in the interior of British Columbia. We run all orders through the planing mill at time of shipment so that our stock always reaches you bright, clean and newly milled.

## Columbia River Lumber Co., Ltd., Golden, B. C.

affiliated with and represented jointly by salesmen of

## Canadian Western Lumber Co., Ltd., Fraser Mills, B. C.

Eastern Sales Office—64 King Street East, TORONTO  
to whom, please address all enquiries.

Representatives:—

L. D. BARCLAY

E. C. PARSONS





## SPRUCE, rough or dressed LATH AND SHINGLES

*We have facilities for kiln drying*

### THE EAGLE LUMBER CO. LIMITED

Head Office: 90 St. James Street, Montreal, Que.  
Mills at Mont Laurier, Que.; Hebert, Que.; Ste. Marguerite, Que.;  
and Nottaway, Que. Dressing mill at St. Jerome, Que.

Northern Office:  
MIDLAND, ONT.

Southern Office:  
HATTISBURG, MISS.

## Herman H. Hettler Lumber Co.

2601 Elston Avenue, CHICAGO, ILL.

Manufacturers and Dealer

## White Pine, Red Pine and Yellow Pine Lumber and Lath

Excellent Planing Mill Facilities. Prompt Shipments

Crating

Cedar Shingles

## Everything in Spruce

FLOORING  
SIDING  
ROUGH DIMENSION  
LATH

## Campbell, MacLaurin Lumber Co.

Limited

MONTREAL  
Board of Trade  
Building

TORONTO: 320 Roncesvalles Ave.  
C. W. McCabe, Ont. Representative  
Phone Junc. 1598W

## CANADIAN ——— HARDWOODS

complete stock of—

## BIRCH

All Thicknesses — All Grades  
Good Stocks — Prompt Shipments — Satisfaction

## C. A. SPENCER, LIMITED

205 St. James St. - - MONTREAL

## EDGINGS

The J. D. Lutz Logging Co., Ltd., with a capital of \$100,000 is a recent incorporation at Vancouver.

T. H. Hancock Lumber Co., Bloor St., W., Toronto, are about to start work on a new dry kiln.

The McMaster Lumber Co., Ltd., Kemptville, Ont., recently suffered a loss by fire.

A large number of hardwood ties are being taken out on the Eastern Townships of the Province of Quebec for shipment to England.

Barrett Bros., general woodworkers, Ottawa, have completed their new sash and door factory and have installed a shavings exhaust system supplied by the Toronto Blower Co.

The Canadian Wagon & Novelty plant, Preston, Ont., was practically destroyed recently in one of the biggest fires. Preston has experienced in years.

F. O. Hodgson, of McGibbon-Hodgson Lumber Co., Vancouver, has bought out Mr. McGibbon's interests and the firm will now be known as the Hodgson Lumber Company.

D. Aitchison Lumber Co., Ltd., Hamilton, Ont., was recently granted a provincial charter with a capital of \$200,000 to manufacture and market all kinds of wood products.

A new saw and shingle mill and wharf at a cost of \$250,000 is to be erected at Port Alberni, B.C. The capacity will be 100,000 feet and two shingle machines. C. J. V. Spratt, of Victoria, is the principal.

Co-operation between the Federal Government and the provinces for the preservation of the forest wealth of Canada, is urged in a resolution brought before the House of Commons at Ottawa by Pius Michaud, Liberal member for Restigouche and Madawaska.

The Powell River Pulp & Paper Co., Powell River, B.C., is erecting a new boiler house, 115 x 130, which will contain twelve boilers all equipped with Dutch ovens and is so constructed that accommodation can be made for four more boilers if required.

The Seine River Improvement Co., Ltd., Fort Frances, Ont., is a new company recently incorporated to develop electric power on the Seine River and manufacture and market all kinds of forest products. Capital \$3,000,000.

Port McNeill Timber Co., Ltd., Toronto, was recently granted a federal charter to manufacture and market lumber, pulpwood and other wood products. Capital stock to be 1,000 shares without par value, provided the company shall do business with a \$5,000 capital.

It is expected that the new plant of the Provincial Paper Mills Co. at Port Arthur, will be turning out book paper by the first of next month. The mill is one of the best equipped on the continent and its construction was completed in record time.

Robert Little has been busy for some time sawing lumber on Bleeker Ave., Belleville, and has done a large custom trade with the farmers of the district. Mr. Little has now moved his outfit to Melrose, Ont., where he will continue operations for some time.

Fibre manufactured by the Laminated Material Company of New Westminster, B.C., is finding a ready market in the south, it is reported by Wm. Godfrey, manager of the Vancouver branch of the Bank of Montreal, who has returned from a visit to Los Angeles.

An inquiry from an English firm was recently received by the St. John Board of Trade asking to be put in touch with Canadian manufacturers of wood boards and mouldings, who would be prepared to manufacture certain special lines.

A. J. Hager of Lansing, Mich., who spoke so encouragingly to the Ontario retailers in convention at Windsor in January was re-elected president of the Michigan Retail Dealers Association at their annual gathering at Grand Rapids recently.

William Hughes passed away recently in Marmora village, Hastings County, where he was a well-known lumber manufacturer. He had been ill for some time and his passing is greatly regretted by a large circle of friends. L. P. Hughes, of Belleville, is a brother of the deceased.

The remains of the late Dr. B. E. Fernow, who for many years was dean of the Faculty of Forestry of the University of Toronto, and one of the outstanding conservationists of America, were cremated in Buffalo and sent to Ithaca, N.Y. It was the last request of Dr. Fernow that his ashes be sent to Cornell University where he was the founder of the Forestry Department.

The annual statement of the Wayagamack Pulp & Paper Co.,



was presented lately and showed satisfactory earnings for the past year. At the annual meeting held in Three Rivers, Que., recently directors were elected for 1923, among the number being Sir William Price. C. R. Whitehead was re-elected president for the coming year and James W. Pyke vice-president.

Charles Walmsley and Company (Canada) Limited, have opened an office in the Drummond Building, Montreal. Preparations are now being made for reopening the Longueuil plant acquired from Armstrong-Whitworth of Canada, Limited, and it is expected that operations will be commenced early in March. Newsprint machines ordered by Price Bros. will be built in the plant.

James A. Stewart, Limited, has been granted a charter with a capital of \$100,000 and head office in Port Arthur, to manufacture and deal in pulpwood, ties and all by-products of lumber and timber, and to own and operate timber limits, etc. Among the provisional directors of the company are F. H. Keefer, Hugh Keefer and L. C. S. Hallam, of Port Arthur.

The forestry departments of Price Bros. and other companies are making further investigations into the use of decayed wood in connection with the manufacture of pulp. One line of inquiry will be as to the possibilities of driving such wood, it having been found that a certain amount will sink. Another point is to how far it is economical to use the wood, having regard to the cost of cutting, driving, and the percentage of loss in the driving operations.

With a temperature of 32 deg. below zero, Mrs. Alex. Yells, wife of a lumber worker at River Valley, 30 miles from North Bay on the C.N.R. was awakened from her sleep recently by a dog tugging at the blankets on her bed when the house was a mass of flames. The mother and child managed to escape. The dog, to whose intelligence they owe their lives, paid the full price of his heroism.

F. B. Gregory, one of Collingwood's leading residents and a partner in the firm of Toner & Gregory, died recently in his 75th year. The late Mr. Gregory, who was born in Albany, N.Y., came to Collingwood 45 years ago and in 1881 he formed a partnership with the late W. T. Toner in the lumber business. When logs became scarce in that district the firm carried on a coal and wood business until two years ago when dissolution took place. He leaves a widow, one son and one daughter.

It is understood that the Dryden Paper Co., of Dryden, Ont., hopes to have an additional power plant and paper-making equipment in the near future when the concern will be in a position to improve its earning power considerably. 1922 was a fair year with the company, particularly the latter half but during the first few months the market for sulphate pulp, which is the chief product of the organization, was very dull, Scandinavian pulp having been competing in the United States market.

Robert P. Kernan, vice-president and general-manager of the Donnacona Pulp & Paper Co., Donnacona, P.Q., was recently married to Miss Alice Fitzpatrick, second daughter of Sir Chas. Fitzpatrick, Lieutenant-Governor of the Province of Quebec, and Lady Fitzpatrick. The ceremony took place in the private chapel at "Spencerwood." Mr. Kernan and bride left on an extended trip to the United States and on their return will take up residence in Quebec City.

The Bellingham (Wash.) Herald contains an account of a lumber and railway transfer from the McCoy, Loggie Lumber Company to the St. Paul and Tacoma Lumber Company, involving more than \$1,000,000. The late George W. Loggie was for many years president and J. A. Loggie, formerly of Loggieville, N.B., the secretary and manager for the former concern. Messrs. Robert and Francis P. Loggie, of Loggieville, and Andrew Loggie, of Dalhousie, are brothers.

The Sorel Terminal Co., Inc., Sorel, Que., is a firm recently incorporated with a capital of \$500,000. The new concern has leased a large tract of land at Sorel, Que., for transferring and stocking pulpwood. Immense shipments of pulpwood are to be made by barges through the St. Lawrence, Lake Champlain and canals to New York state and Vermont mills. The principals of the organization are Hon. John A. O'Connor, Senator W. T. Byrne and Hon. J. A. Dix, president, all of Albany, N.Y., and O. J. Klein of Campbellton, N.B., who is vice-president.

Word comes from Woodstock, N.B., that lumber operations in that province have been going on steadily. The sawmills of Flemming & Gibson at Juniper, N.B., and vicinity are all busy, employing about five hundred men. Although there has been a slight depression in the price of laths and lumber, the operators have every hope that the price will come back as spring approaches and that there will be a steady demand. The big slump in potatoes has been disastrous to the farmers, and dealers in farm machinery, fertilizers, automobiles, etc., are having a hard time making collections.

## The C. Beck Manufacturing Company, Ltd.

PENETANG, ONTARIO

Manufacturers & Dealers of

## WHITE PINE—RED PINE HEMLOCK—LATH

Planing Mills in Connection—Our Dressing will  
Save You Freight

TORONTO OFFICE 10 PARLIAMENT STREET

F. H. Horning M 2170

## McNeil Lumber Co. Limited

416 St. James St., Montreal, Phone Main 996 & 1185

Manufacturers and Wholesalers  
Hard and Softwood Lumber and  
Railway Ties.

B.C. Fir and Cedar Shingles Specialists.

## FOR SALE

5 cars  $\frac{5}{8}$  x 4" and wider (chiefly 4") random  
lengths

Log Run Quebec Spruce

Dry Stock

Write or wire for quotations

WIGHTMAN LUMBER CO., Limited

263 St. James St. MONTREAL, CANADA.

## Install a 'By-Pass' Exhauster in your Saw Mill, Planing Mill or Plant

Our "By-Pass" Exhaust systems save your power and give better service. They handle green sawdust or wet, stringy material that usually clogs up an ordinary Blower system. The fan wheel is not overhung. No heating, clogging, or shaking. Three bearings.

We manufacture and install systems complete.

Write for information.

## Toronto Blower Company

156 Duke St., Toronto





ANGLE PATTERN  
30 E

## CRANE "Y" PATTERN STOP CHECK VALVES



HORIZONTAL AND VERTICAL PATTERN  
28 E

### *Note these Features:*

Disc and piston in one piece.  
Disc may be reground readily.  
Full length bearing of disc in liner.  
Will operate in vertical or horizontal position.  
Deep throttling lip to prevent chatter on light loads.

Liner or stem cannot be cramped by pulling up yoke bolts.  
Readily removable seat which is integral with the liner or dash pot.  
45 degree angle of disc will eliminate chattering except under a combination of extraordinary conditions.

The vital parts may be examined at any time.

*Manufacturers of Valves, Fittings and Piping Equipment and  
Distributors of Pipe, Plumbing and Heating Supplies.*

Branches and Warehouses:  
HALIFAX, OTTAWA, TORONTO,  
HAMILTON, LONDON, WINNIPEG,  
REGINA, CALGARY, VANCOUVER.

Sales Offices:  
ST. JOHN, N.B., QUEBEC, SHERBROOKE,  
EDMONTON, VICTORIA,  
SYDNEY, AUSTRALIA.

### CRANE LIMITED

General Office & Exhibit Rooms  
386 BEAVER HALL SQUARE  
MONTREAL  
Works  
1280 ST. PATRICK ST.  
MONTREAL

### CRANE-BENNETT LIMITED

Head Office and Warehouse:  
LONDON, ENGLAND.

Sales Offices:  
BIRMINGHAM, CARDIFF,  
GLASGOW, LEEDS, MANCHESTER.

# HORIZONTAL SAW GRINDER

## The "BATT"

### The Latest and Best Grinder for Circular Saws

The very latest horizontal grinder, built to grind properly any kind of ordinary saw, such as:

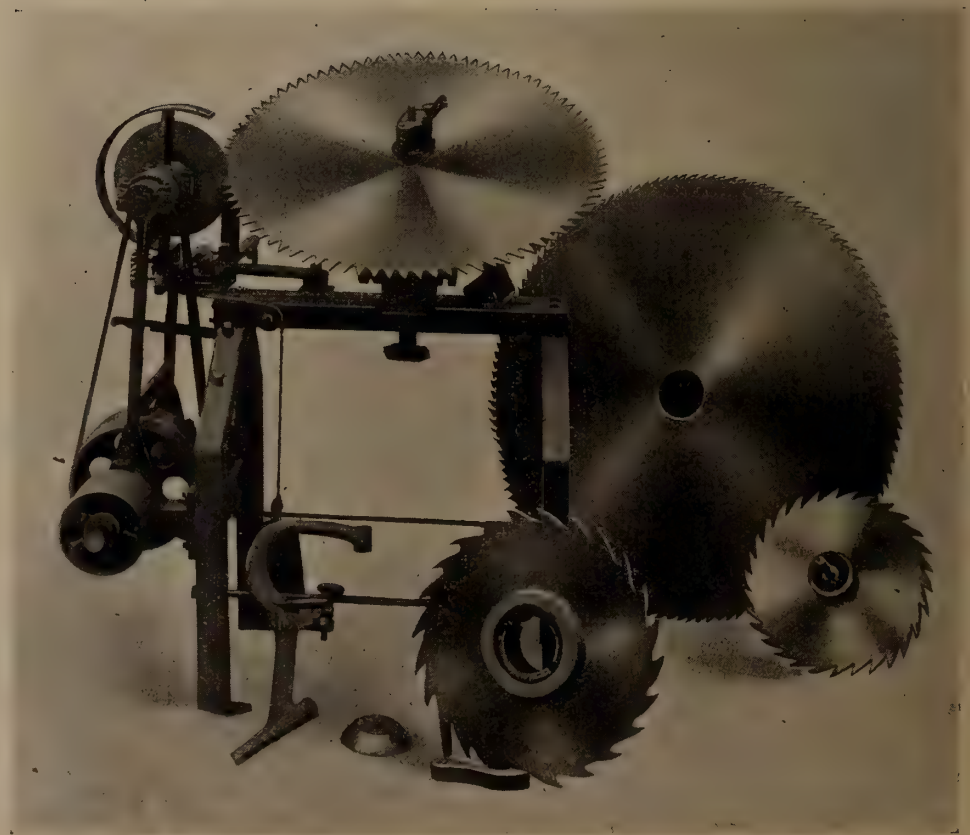
Shingle Saw on collar Cut-off saw.  
Lath Saw Rotary Saw  
Edger Saw on collar All kinds of factory saws

The construction permits of a wide range of bevel, and a semi-automatic attachment makes all teeth the same.

The pulleys supplied allow two speeds on Emery Wheel with a variation of about 300 R.P.M.

Floor space, 3 ft. x 4 ft.

Weight, 350 lbs.



**The Smith Foundry Co., Ltd.**  
Fredericton, N.B.

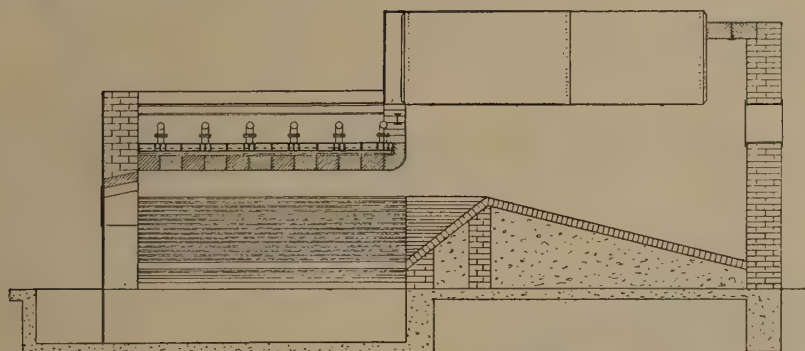


# Gates Furnace

## For Burning Sawdust and Hog Fuel

Gates Engineering Co. Ltd., 314 Notre Dame St. W.  
Montreal

*Will burn tan bark, hog fuel and sawdust efficiently, with up to 60% moisture*



Gates Air Cooled Suspended Arches

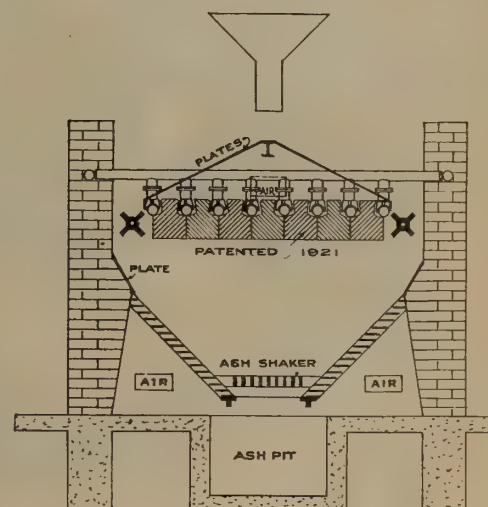
Boiler Door Arches and Jamb

The Water or Air cooled Suspension Arch, suspended over a furnace built with incline grates, to prevent the coning of sawdust and refuse material, combined with the automatic feed and drying chamber suspended directly over arch, absorbing the heat from arch roof which removes the required percentage of moisture from the material to be burned.

Note that fuel is partly dried before receiving air while passing over dry plate chamber at the lower edges, thence into combustion chamber space over the fuel bed. All ash is removed by stoking grate at the bottom of furnace.

All fuel sliding down the incline grates comes in contact with a special draft action, owing to the horizontal air spacing, through the incline grates on either side, the draft currents arrive at a focus of combustion in the centre of the furnace, causing the gases and flame to meet and roll towards the edges of dry plates, thus increasing the drying capacity, and thoroughly drying tan bark or fuel which is being burnt.

The blocks in these arches are supported independently of the other, allowing any one brick to be removed and replaced without disturbing any other portion of arch.



We specialize in Boiler Settings and Furnace Brickwork and give the benefit of (30) thirty years' experience. Ready to go anywhere to build new Boiler Settings and overhaul and Reset old Boilers and build Furnaces.

## Gates Engineering Company Limited

J. W. Gates, General Manager

314 Notre Dame St. West - Montreal, Can.

Phone Main 662, Melrose 367

COUPON

Send us Type and Horse Power of Boilers, and we will quote you on Furnace to suit your requirements

Name .....

Address .....



# There's Real Economy in Arrow Head Saws

MADE  
IN  
CANADA



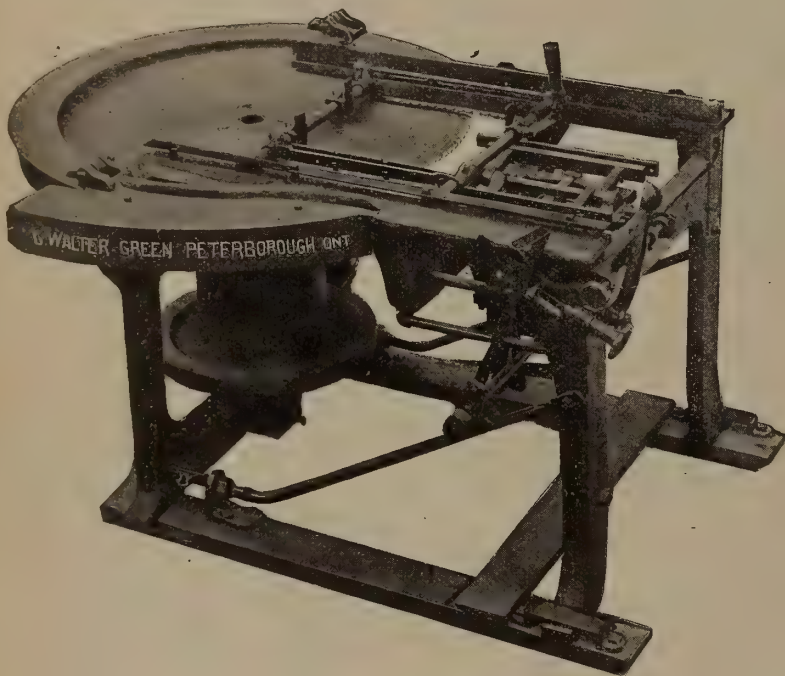
The use of Arrow Head Saws represents real economy because their quality and manufacture ensure perfect satisfaction at all times.

Arrow Head Saws are made of the highest grade Vanadium Steel, carefully treated to facilitate cutting and lengthen their life. We also make a full line of wood-cutting saws.

Prices and full information upon request.

**T. F. SHURLY CO., LIMITED ST. CATHARINES, ONT.**

# Shingle, Box-board and Heading Machine



**T**HIS machine carries a 40" saw and is of the most modern type in every respect. Write for printed matter and prices.

We have for sale a complete Shingle Mill Outfit and one Saw Gummer, all manufactured by the William Hamilton Co.

*Snap for quick sale*

**The G. Walter Green Co., Limited**  
Peterborough — Ontario

## "FIRE ME"

said a progressive salesman to the Manager. "I am costing the House too much. I am spending so much of my time explaining to prospective customers who I am, who my House is, what my goods are, and why they are worth buying, that I don't have much time left for selling. Do all this preliminary work for me by means of effective advertising before I reach the lumberman. It can be done better and cheaper this way than I can ever hope to do it."

# Canada Lumberman

The wise manufacturer uses The Canada Lumberman not only to save his salesmen time but also to save the time of the Jobbers' salesmen.

The "open door" to the lumber industry is the Canada Lumberman which for years has earned and held the confidence of advertiser and buyer.



# IT'S JUST LIKE THROWING MONEY AWAY

To Use an Inefficient and Unreliable  
**BELT**  
**STOP IT!**



You Can  
**SAVE MONEY.**  
By Using

**D. K. McLaren's** Genuine British **OAK TANNED** **Leather Belting**



**T**HE amount of money wasted each year by undue friction and slippage (where inferior belting is used) would pay for a D.K. McLaren Belt many times over.

Fortunately, this fact is becoming more and more recognized, and the number of inferior belts purchased is correspondingly decreasing. For when a belting user has had a few weeks experience with a Genuine Oak Tanned Leather Belt, he invariably becomes a life-long advocate of the quality product.

**D K. McLAREN LIMITED**

Head Office & Factory: 351 St. James St. Montreal

**Branches**

Toronto, Ont., 194 King St., West.  
St. John, N.B. 90 Germain St.

**Stock Depot**

Calgary, Alta. Gormans Ltd.  
Edmonton, Alta. Gormans Ltd.  
Vancouver, B.C. Gormans Ltd., 1158 Homer St.

*For  
your protection*

We stamp  
the Oak Leaf  
trademark on  
each belt after  
it has passed  
the most ex-  
acting tests.







## THE MARK OF DISTINCTION IN CIRCULAR SAWS



The first Circular Saws made in this Country were placed on the market by R. HOE & CO. in 1828, and GENUINE HOE SAWS have held the leadership in QUALITY, FINISH and SATISFACTORY SERVICE during the 94 years intervening to the present day.

For all purposes, and under all climatic conditions, the GENUINE HOE CHISEL-TOOTH and SOLID TOOTH CIRCULAR

SAWS have proven their superiority in every part of the World, and backed by a guarantee of absolute satisfaction no operator could do better than to use GENUINE HOE SAWS exclusively.



**R. HOE & CO., NEW YORK**

**AMERICA'S OLDEST SAW MANUFACTURERS**

# TENTS

**For**

**The**

**Drive**

**Made from Woods Non-Absorbent Duck**

ENTIRELY different to any other duck used in tent manufacturing; made in our own Cotton Mills at Welland, Ontario, from specifications of a higher standard than would otherwise be used.

Every tent is fully guaranteed to give perfect satisfaction.

Woods Non-Absorbent Duck will never leak.

We manufacture from the raw cotton to the finished tent ready to pitch which guarantees lowest prices.

*Write for Samples and prices*

**Woods Manufacturing Company Limited**

Toronto  
Welland

**Ottawa**

Montreal  
Winnipeg

**For**

**Every**

**Occasion**





Linn Logging Tractor on operation of St. Maurice Paper Co., at St. Donat de Montcalm, Que.

# THE LINN LOGGING TRACTOR

The wonderful performances by the Linn Logging Tractors in operation on the limits of various Quebec and Ontario operations, have, so far, been witnessed by a great many interested operators.

On February 15th, an operation in the Laurentians (that of the St. Maurice-Paper-Company Limited), where two Linn Logging Tractors are operating, was visited by two representatives of an operator who has used tractors for several years and who has probably had the greatest experience in continuous tractor operation than any other Canadian operator: As a result of this visit, and the wonderful performance they witnessed, they have just placed their initial order for a Linn Logging Tractor, for immediate delivery, although they will have but twenty-five hauling days in which to use it—but with the Linn in their operation they will feel assured that they will get all their logs out.

As a result of their long tractor experience, the wonderful power and economy and reliability of the Linn is perhaps more evident than to an operator heretofore unused to Tractor haulage.

The end of the haul is fast approaching. A visit to a Linn operation will be valuable to you—and—no matter where you are operating, you have not far to travel to see a Linn in operation.

—Logging Department—

## MUSSENS LIMITED

Dubrule Building

Philips Place

Montreal



## When in the Market for—

TENTS, TARPAULINS, FEED BAGS, STRAW  
TICKS, GREY BLANKETS or PADDLES—

*Ask for Quotations from*

### J. J. Turner & Sons, Ltd.

Manufacturers

PETERBOROUGH, - - - - - ONT.

## KENNEDY WATER POWER PLANT MACHINERY



Stoplog and Headgate Winches.  
Turbines, etc.

Transmission Machinery.

Steel, Malleable Iron, Grey Iron,  
Aluminum, Brass and Bronze  
Castings.

### The Wm. Kennedy & Sons

OWEN SOUND ONTARIO

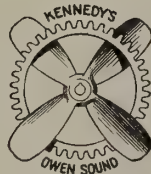
LIMITED

District Representatives

M. B. SAUNDERS, H. C. KENNEDY,  
8 Silver Street, Cobalt 232 St. James St., Montreal.  
Phone Cobalt 153 Phone Main 394

Maritime Representative:

C. A. Fowler, Tramway Building, Halifax, N.S.



## Wanted at Once

100 to 200 M ft. of 2 x 4 to 2 x 12-10/20 ft. merchantable hemlock—Also the same quantity of good mill run Jack pine. Mill culls out in 2", 3" and 4" thicknesses. State lowest prices and full particulars as to quantity, sizes and if trimmed or not.

### EXCELSIOR LUMBER CO.

Address 33 Richmond St., Toronto Phone M. 3551

## Saw Mill Machinery for Disposal from the Plants of the Davison Lumber & Manu- facturing Co., Bridgewater & Springfield, N.S.

- 1—Giddings & Lewis 8' Band Mill with Allis-Chalmers Carriage Steam Feed Cylinder 11" x 54' complete with all equipments.
  - 1—Giddings & Lewis 6' Band Mill with New Waterous Carriage Steam Feed Cylinder 9" x 48' complete with all equipment.
  - 1—Giddings & Lewis 6' Horizontal Band Resaw.
  - 2—84" Diamond Iron Works 14 Saw Edgers.
  - 1—Harmon 13 Saw Gang Trimmer with pneumatic control to each saw.
  - 1—Diamond Iron Works Gang Saw.
  - 1—Hamilton-Kendall Circular Gang Saw.
  - 1—Diamond Iron Works Five Saw Lath Bolter.
  - 1—Diamond Iron Works Four Saw Lath Machine.
  - 1—Diamond Iron Works Two Saw Adjustable Lath Butt Trimmer with power feed.
  - 1—No. 1½ Hill Steam Driven Drag Saw.
  - 1—Hill 12" x 24" Vertical Steam Driven Cord Wood Splitter.
  - 1—Appleton Belt driven horizontal cordwood splitter.
  - 1—Diamond Iron Works Heavy Type Friction Log Haul-up.
  - 1—18" x 10" x 12" Worthington Duplex Brass Fitted Underwriters Fire Pump Cap 1000 Gallons per minute.
- FILING ROOM MACHINERY AND EQUIPMENT consisting of Band, Circular and Gang Sharpeners, Re-Toothers, Shears, Anvils, Brazing and Filing Clamps.
- STEAM DECK EQUIPMENT consisting of Steam Niggers, Kickers, Loaders, Gang Skids.
- PLANER—1 practically new, Yates No. 10, 30" x 10" Planer and Sizer with side Head Grinder.
- All the above for immediate disposal at low prices. Write or Wire for full particulars.

**Fleming & MacLeay, Agents**  
Bridgewater, N.S.

## CLIMAX GEARED LOCOMOTIVES ARE BUILT FROM 12 TO 90 TONS



Get  
Catalogue  
"K"

CLIMAX MANUFACTURING CO., CORRY, PA.  
CLIMAX LOCOMOTIVE CO., 87 COLUMBIA ST., SEATTLE, WASH.  
VANCOUVER MACHINERY DEPOT, LTD., VANCOUVER, B.C.



### PLIBRICO

Jointless Fire Brick

For your Spring repairs. Your own men can reline your boiler Furnaces, Dutch-ovens and Wood-burners, and so prevent extended shut-downs. Our book "Modern Furnace Building" shows how!—Sent with each trial drum.

### BEVERIDGE SUPPLY CO. Limited

628-630 St. Paul St. West, MONTREAL, P. Q.



# ATKINS

## STERLING QUALITY SAWS

### The Building Situation

with the coming of Spring, the building program will be in full swing, and this is the time to order,

### Atkins STERLING STEEL Saws

Machine Knives, Saw tools and Saw Specialties. Place your order with our factory or branch house as shown below.

We make all types of saws for sawmills, woodworking factories, automobile manufacturers and various types of Cross Cut Saws for all kinds of timber, Swages and Shapers for Band, Circular, Cylinder, Barrel and Stave Saws. Write for our complete catalogue.

*A better saw for Every use*

Leading manufacturers of Saws, Saw Tools and Machine Knives, also Atkins-Coleman Feed Rollers. Use Acrolite and Ferrolite Wheels for your saw gumming and knife grinding. Increase your belt efficiency by using Cantol Belt Wax.

## E. C. ATKINS & CO.

Established 1857      The Sterling Quality Saw People

Canadian Factory, HAMILTON, Ontario

Branch carrying complete stock, VANCOUVER, B. C.



## MADE IN CANADA



Abrams Sons Ltd., John .....		D'Auteuil Lumber Co. ....	8	Imrie Lumber Co., R. ....	35	Rankin-Benedict Co. ....	
Adams River Lumber Co. ....	25	Department of Lands (Ontario)		International Land & Lumber		Rat Portage Lumber Co. ....	14
American Engine & Boiler Works		Disston & Sons, Henry .....		Company .....	28	Rideau Lumber Co. ....	21
Anderson Lumber Co., C. G. ....	12	Dominion Belting Co. ....	83	Johnson, A. H. ....	83	Reed & Co. Ltd., Geo. W. ....	80
Anderson, Shreiner & Mawson .	27	Dominion Timber Products ...	32	Julien, Roch .....	16	Robertson & Hackett Sawmills,	
Apex Lumber Co. ....	22	Dominion Wire Rope Co., Ltd. .	89			Limited .....	31
Associated Mills Ltd. ....		Dominion Truck Equipment Co.		Keewatin Lumber Co. ....	8	Rolland Lumber Co. ....	35
Atlantic Lumber Co. ....	4	Dudley, Arthur N. ....	28	Kennedy & Sons, Wm. ....	76	Rose-McLaurin Ltd. ....	14
Atkins & Co., E. C. ....	77			Kinnon Lumber Co. ....	35	Russell Harris Lumber Co. ....	8
Austin & Nicolson Ltd. ....	17			Knox Brothers .....	3		
		Eagle Lumber Co. ....	68	Laidlaw Bale Tie Co. ....	13	Santerre & Pineau .....	34
Barrand, L. S. ....	19	Eastman Lumber Co. ....	17	Lamontagne Limited .....	81	Savage & Bartlett .....	13
Bartram, J. C. ....	33	Eaton & Sons, J. R. ....	31	Langlois & Paradis .....		Schroeder Mills & Timber Co. .	23
Bainbridge Lumber Co. Ltd. ...	31	Edwards & Co. Ltd., W. C. ....	30	Larkin Co., C. A. ....	31	Scott, Draper & Co. ....	20
Beck Mfg. Co. Ltd., The C. ....	69	Elk Fire Brick Co. ....	86	Larkin Lumber Co. ....	17	Sewall, Jas. W. ....	13
Bell, Geo. W. ....	12	Elmira Machinery & Transmission		Leigh Lumber Co. ....	28	Shell-Bar Boico Supply Ltd. ...	89
Bennett Lumber Co. Ltd. ....	24	Company .....		Linton Lumber Co. ....	33	Shevlin-Clarke Co. ....	6
Bernard Industrial Co., The A. .	61	Engineering & Machine Works .		Loggie, W. S. ....	14	Shull Lumber & Shingle Co. ...	32
Beveridge Supply Co. Ltd. ....	76	Excelsior Lumber Co. ....	76	Lloyd, W. Y. ....	13	Shurly Dietrich Co. ....	83
Big Bear Lumber Co. ....	28			London Concrete Machinery Co.	87	Shurly Co. Ltd., T. F. ....	72
Black Rock Lumber Co. ....	21	Farnworth & Jardine .....	12	Long Bell Lumber Co. ....		Simonds Canada Saw Co	36
Brady Machinery Co. ....	92	Fassett Lumber Co. ....	18	Long Lumber Co. ....	33	Smart Turner Machine Co. ....	1
British Columbia Lumber		Fesserton Timber Co. ....	7	Long Manufacturing Co., E. ....	90	Smart, Jas. ....	
Commissioner .....	16	Fleming & MacLeay .....	76	Lumbermen's Indemnity		Smith Foundry Co. ....	70
Brennen & Sons, F. W. ....	8	Floyd-Esbin Co. Ltd. ....	87	Exchange .....		Smith, N. ....	12
Burchill & Sons, Geo. ....	28	Foley Lumber Co. ....	13	McArthur Belting Co. ....	1	Spanish River Lumber Co. ....	24
Bury & Co., Robert .....	23	Fraser Bryson Lumber Co. Ltd.	35	McCormack Lumber Co. ....	28	Spencer, C. A. ....	68
		Fraser Companies Ltd. ....	15	McClung, McLellan & Berry ...	21	Stack Lumber Co. ....	14
				McCuaig & Co., Jas. C. ....	35	Stalker, Douglas A. ....	21
Cameron Lumber Co. ....	25	Gates Engineering Co. ....	71	McDonagh Lumber Co. ....	16	Staples Lumber Co., Otis ....	65
Campbell, MacLaurin Lumber		Gartshore, John J. ....	80	McElroy Lumber Co. ....		St. Mary's Wood Specialty Co. .	12
Company .....	68	General Supply Co. of Canada ..	85	McFadden Ltd., J. J. ....	27	Storey Lumber Co. ....	24
Canada Foundries & Forgings ..	75	Gerlach Co., Peter ....	80	McKinnon Columbus Chain Co.	65	Summers, James R. ....	12
Canadian General Lumber		Gidley Boat Co. Ltd. ....	1	McLennan Lumber Co. ....	17	Swift Canadian Co. ....	81
Co., Ltd. ....	13	Gillespie, Jas. ....	13	McLaren, Limited, D. K. ....	73	Sylvester Mfg. Co. Ltd. ....	78
Canadian Link-Belt Co. ....		Gillies Bros., Ltd. ....	20	MacLean Building Reports .....			
Canadian Western Lumber		Goodhue & Co. Ltd., J. L. ....		McNeil Lumber Co. ....	69	Terry-Nicholson-Cates, Ltd. .	10-11
Co. Ltd. ....	67	Goodyday & Co., H. R. ....	18	Manufacturers' Lumber Co. ....	10	Thompson & Heyland Co. ....	20
Canada Wire & Iron Goods ....	80	Gordon & Co. Ltd., Geo. ....	5	Mason & Co., Geo. ....	8	Thurstun-Flavelle Ltd. ....	22
Canfield-Wilmot, Ltd. ....	14	Gloucester Lumber & Trading .	22	Mason, Gordon & Co. ....	30	Timberland Lumber Co. ....	25
Cant & Kemp .....	12	Grant-Holden-Graham Ltd. ....		Maus Lumber Co., Chas. O. ....	34	Timms, Phillips & Co. ....	32
Canadian Holt Co. ....	65	Gordon Lumber Co., A. E. ....	7	Maus, Chas. O. ....	19	Toronto Blower Co. ....	69
Canadian Milk Products .....		Gravel Lumber Co. Ltd. ....	33	Mershon, Wm. B. ....	87	Tudhope Anderson Co. Ltd. ....	1
Canadian Tie & Lumber Co. ....	27	Gregertson Brothers Co. ....	24	Miller Co., W. H. ....	20	Turner & Sons, J. J. ....	76
Chaleurs Bay Mills .....	5	Green Co., G. Walter .....	72	Montreal Locomotive Works ..	86		
Chesbro, R. G. ....	34	Grier & Sons, G. A. ....	26	Montreal Lumber Co. ....	12	U. G. G. Sawmills Ltd. ....	
Clark Bros. ....	36	Greig-Morris Co. ....	20	Muir & Kirkpatrick .....	30	Underhill Lumber Co. ....	32
Clarke & Sons, Edward .....	6	Greening Wire Co., B. ....		Murphy Lumber Co., Wm. J. ...	31		
Cleveland-Sarnia Sawmills Co. .	63	Gutta Percha & Rubber Ltd. ....	85	Mussens, Limited .....	75	Vanatter & Ham .....	
Climax Manufacturing Co. ....	76	Hall Bros. ....	24	Musgrave & Co. Ltd. ....	19	Vancouver Lumber Co. Ltd. .	29-32
Coburn Lumber Co. ....		Hamilton Co., Ltd., Wm. ....	2	Neville Cooper Co. ....	87	Victoria Harbor Lumber Co. Ltd.	18
Coleman Lamp Co. ....	68	Hansen, A. K. ....	21	Nevison & Brooks .....	10		
Coltart, & Co., Robt. ....	12	Hardy & Co., E. D. ....</					

## A vintage steam-powered traction engine or portable engine on wheels. It features a large horizontal boiler, a tall smokestack at the front, and a complex arrangement of pipes and valves. The engine is mounted on four large, spoked wheels.

**Sylvester Manufacturing Company, Limited**  
LINDSAY      ONTARIO



# Making Good Today in Over Four Hundred Sawmills

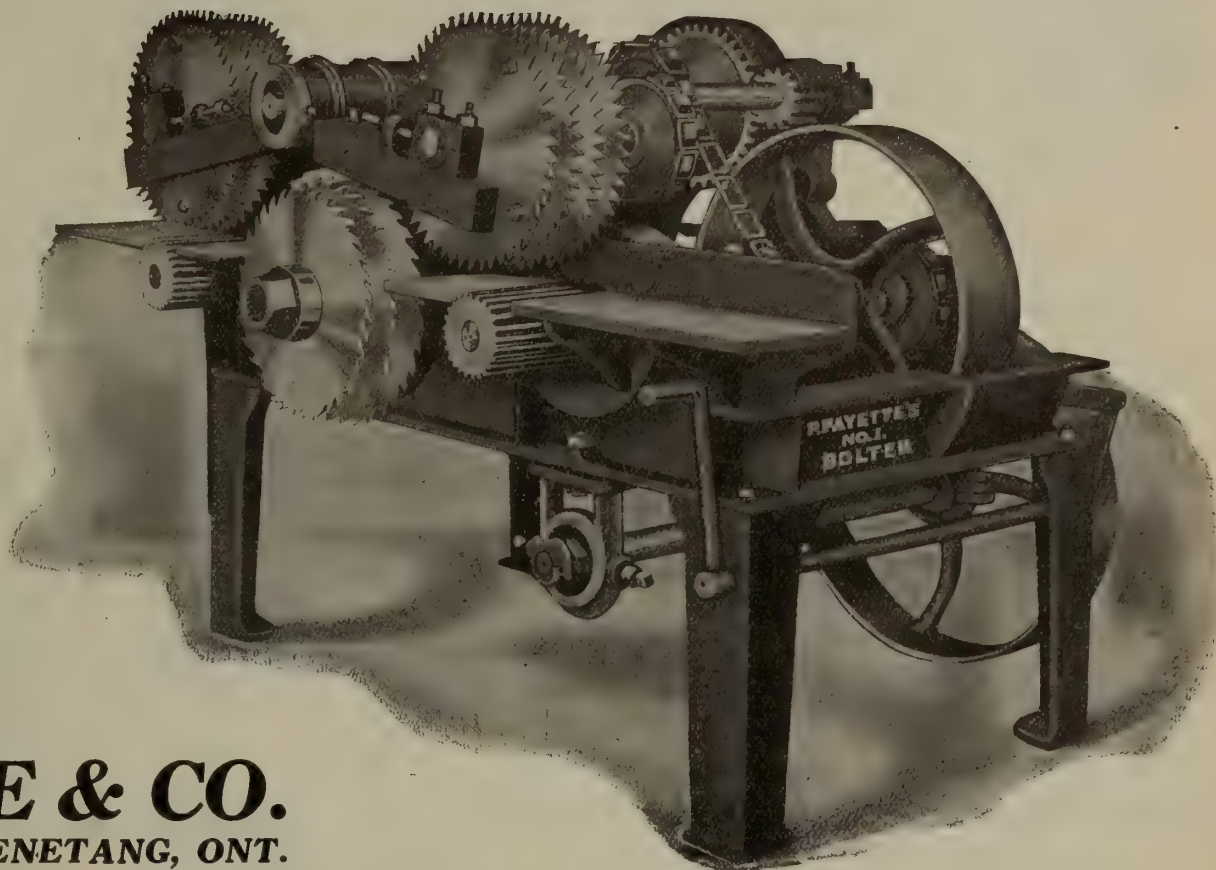
OVER four hundred sawmill owners in Canada have shown their faith in this machine by installing it in their mills.

The Payette No. 1 Bolter and No. 2 Lath Mill will cut, count, tie and pile 128,350 laths in a period of ten hours. The above consisted of 4 foot laths,  $1\frac{1}{2}$  by  $\frac{3}{8}$  inches, and constitutes a record in rapid lath cutting.

Not only has this equipment made records for speed in cutting, but it has proven its dependability for continuity of positive operation over a period of time.

Do not purchase without first looking into our claims for the Payette Bolter. Get in touch with us.

We also manufacture the Payette Heavy Duty Saw Mill Carriage equipped with our latest Patent Payette Mill Dogs.



## P. PAYETTE & CO.

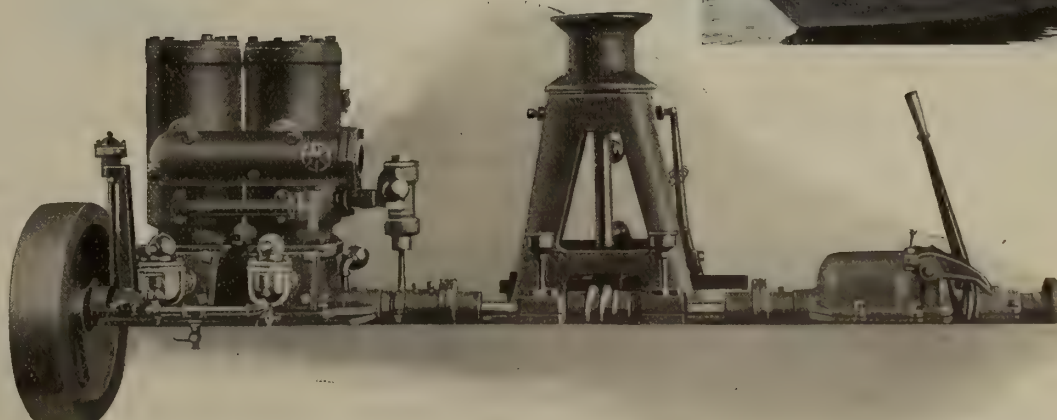
J. T. PAYETTE, Proprietor      PENETANG, ONT.

# Adams Gasoline Aligator Pointers

A big saving in time and money can be effected by the use of an Adams Pointer in your logging.

This powerful and efficient gasoline boat is built to give the service under heaviest working conditions and is proving its superiority over the large and more awkward craft and makes it the successful rival of alligators and tugs.

Send for data and prices



Above cut shows machinery that is installed in a 26'-6" x 6' Special Lumberman's Pointer

## Adams Engine Co., Penetang, Ont.

J. T. PAYETTE, Proprietor



## Resurface Your Roof



A coat of Reed's Roofing Cement—Plastic, Semi-Plastic or Liquid—will add years to the life of your roof.

This cement is the result of over **Seventy Years** practical **Roofing experience**. It will not peel nor blister and is absolutely unaffected by climatic changes.

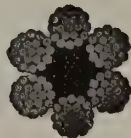
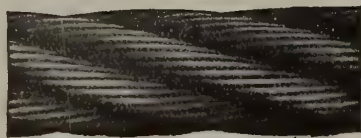
Easy and inexpensive to apply. Ordinary labour can be used with satisfactory results.

Special prices by the barrel—Ask for them.



**Geo. W. Reed & Co. Ltd., Montreal**

## WIRE ROPE



**"We have the Right Rope for every purpose"**

The contributing factors in making good Wire Rope are: 1. Men who know how. 2. The best grade of materials. 3. The most modern machinery. We have all three and are producing the goods. Give us a trial.

**We solicit your enquiries. Write for our catalogue.**

Stock carried in Montreal by J. H. HANSON CO. LTD., Agent

**Canada Wire & Iron Goods Co., Hamilton**

Stock carried in Edmonton and Calgary  
N. F. Judah, McLeod Building, Edmonton, Agent

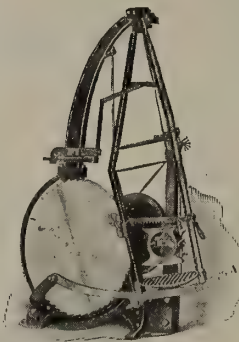
## FOR SALE

- 1—24 Forney Type Locomotive, standard gauge.
- 1—50 ton Shay Geared Locomotive, standard gauge
- 24—Russell Log Cars, 10 ft. Bunks.
- 1—Barnhart Log Loader.
- 12 Miles 52 and 56 lb. Relaying Rail.
- 2 " 45 lb. " "
- 4 " 30 lb. " "
- 1 " 16 lb. " "

**John J. Gartshore**

Toronto

Ontario



## Gerlach Modern Machinery Produces Cheaper and Better

Tight and Slack Cooperage Stock for Barrels, Kegs and Tubs, ready to set up into non-leaking packages of 5 to 120 gallons liquid capacity, or for semi-liquid and dry materials up to 800 lbs. weight. We manufacture machinery for sawing, jointing, planing and crozing staves; for sawing, jointing, dowsing, planing and circling heading.

### MODERNIZE YOUR PLANT

Scrap Machinery invented before the Civil War and install a Gerlach Outfit that will make Tight Barrels that are tight, from any strong non-porous timber.

### BUILD

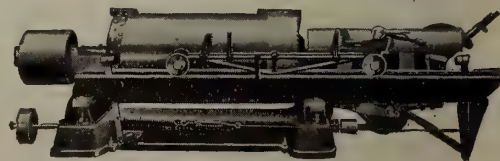
Barrels with perfect joints that will not leak; a product that is infinitely superior to the tin and iron near barrels now being experimented with. Wood is tasteless, stainless and rustless and being a poor conductor of heat or moisture, keeps its contents in their original condition.

### CYLINDER SAWS RESTEELED

### MODERN BOXBOARD MACHINERY

## The Peter Gerlach Co.

Columbus, Winter and Leonard Sts.  
CLEVELAND, OHIO



**MU**

ORGANIZED 1898

**remember**

The Best Fire Insurance and Service for Lumbermen

**Rankin-Benedict Underwriting Co.**  
Kansas City, Mo.

SAVINGS RETURNED TO LUMBERMEN	—————	\$2,897,595.89
LOSSES PAID TO LUMBERMEN	—————	\$8,274,543.31
SURPLUS AND REINSURANCE RESERVE	—————	\$2,375,621.05



## Delicious! Economical!

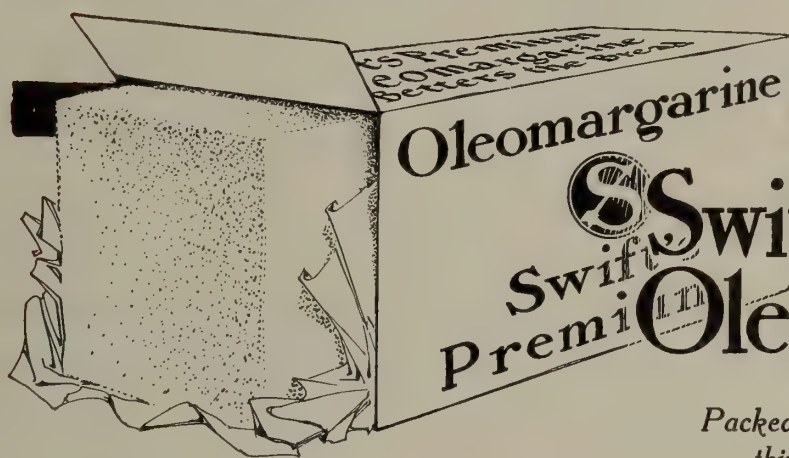
Swift's "Premium" Oleomargarine is exceptionally good—it is made under such ideal conditions, and the ingredients are pure. Then, of course, it is made by experts who know how to bring out that delicious taste for which "Premium" Brand is famous.

Give it a trial. Your men will like it, and your cooks will find a hundred uses for it, too. And think how it will cut down your bills!

### SWIFT CANADIAN CO., LIMITED

PLANTS:—Toronto, Winnipeg, Edmonton, New Westminster.

BRANCHES:—Ottawa, Montreal, Quebec, Hamilton, St. Catharines, Fort William.



Packed in one-pound cartons and  
thirty pound wooden tubs

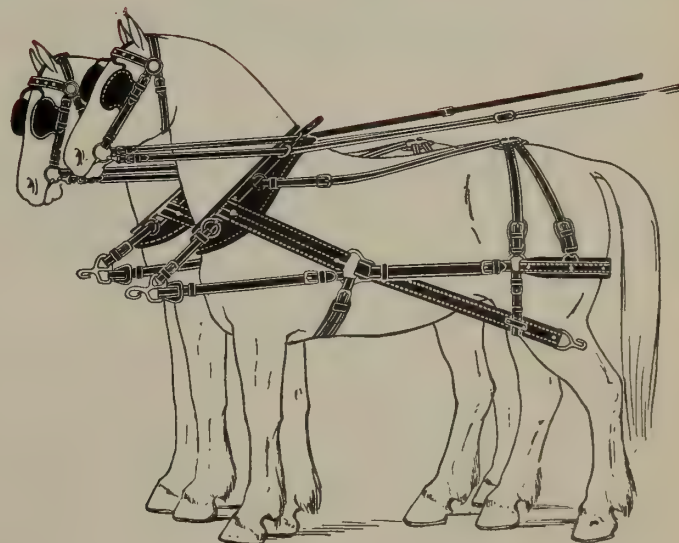
## What about your Harness Requirements?

When you think of HARNESS  
think of LAMONTAGNE LIMITED.



### Alligator Brand Harness

The only harness that will stand up to  
the exacting demands of the lumber-  
ing industry.



HORSE BLANKETS FOR THE LUMBER TRADE A SPECIALTY.

52 Crown Street,  
QUEBEC.

*Lamontagne Limited.*

110 Princess Street,  
WINNIPEG

Headquarters: 338 Notre Dame St. W., MONTREAL



# DAVIES

## Lumberman's Beef

### Barrelled Pork

Mess Pork  
Short cut Backs  
Pickled Rolls

When placing your order with us for either fresh or frozen Beef, you will be highly pleased with the quality. Our grade of Beef for the Lumber Camp is a little better than has been the usual custom to ship for Camp use. Let us serve you and be sure of satisfaction.

### Quality Meats

Smoked Meats  
Long Clear  
Camp Sausage

*A wire sent to us (collect) will bring  
you lowest quotations at once*

THE **DAVIES** COMPANY  
WILLIAM LIMITED

Head Office TORONTO

Branches at:— MONTREAL - SYDNEY - HAMILTON

## Subscribers' Information Form

Many letters reach us from subscribers enquiring where a certain machine, a certain kind of lumber or veneer, or some other class of goods, can be obtained. We can usually supply the information. We want to be of service to our subscribers in this way, and we desire to encourage requests for such information. Make use of this form for the purpose.

"CANADA LUMBERMAN"

345 Adelaide Street West, Toronto

Date.....18

Please tell us where we can procure .....

.....

.....

.....

Name .....

Address .....



## JOHNSON'S Veterinary Remedies

are the surest, the most economical and the best medicines with which to equip your stables. They have been on the market for thirty years and still retain their superiority over all others.

The quality never varies, it is our first consideration. Prices in effect at the present time are as follows:

Johnson's Horse Liniment No. 1	Per Gal.	\$7.00
Johnson's Horse Liniment No. 1	Quarts, Per Doz.	19.00
Johnson's Horse Liniment No. 1	Pints, Per Doz.	10.00
Johnson's Horse Colic Remedy	Per Gal.	12.50
Johnson's Horse Colic Remedy	Quarts (8 Doses each) Doz.	30.00
Johnson's Horse Colic Remedy	Pints (4 Doses each) Doz.	15.00
Johnson's Veterinary Healing Ointment (Gall Cure)		
2 lb Tins	each 2.25 Doz.	24.00
1/4 lb. Tins	Per Doz.	4.00
Johnson's Concentrated Condition Powders, 1 lb. Pkgs.	Doz.	6.50
Johnson's Condition Powder, No. 2	Doz.	3.00
Johnson's Horse Worm Powders	Pkgs. Per Doz.	8.00
Johnson's Purging Balls	Per Doz.	4.00
Johnson's Cough & Heave Powders	Per Doz.	4.50
Johnson's Antiseptic Dusting Powder		
(For Drying and Healing Sores, Proud Flesh, etc.)	Per Doz.	8.00
"Kreoline," antiseptic, deodorizing	Per Gal. Tin	1.90

Our Family and Van Remedies are as follows:—

Pine and Tar Cough Syrup	Big 4 Liniment—Mosquito Oil
Purgative Pills	X Ray Liniment
Little Liver Pills	Cholerine Mixture (Diarrhoea)
Porous Plasters	Headache Powders
Stomach Bitters	Sarsaparilla
Laxative Cold Tablets	All Healing White Ointment

All Drugs and Patent Medicines at Market Prices.

Mail orders solicited — Prompt shipments made.

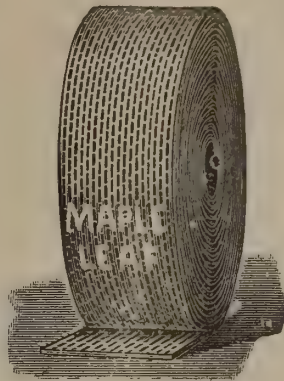
**A. H. JOHNSON** WHOLESALE DRUGGIST  
Collingwood, Ontario

*Sole Manufacturers of the Celebrated*

## "MAPLE LEAF" BRAND Stitched Cotton Duck Belting

Strong Durable Economical True Running

*Specially adapted for use in Lumber Mills*



We have a good stock of well seasoned belting on hand, and would be pleased to receive your orders. Ask your Superintendent what he requires. The best is the cheapest.

## MAPLE LEAF BELT DRESSING

The Best for all Kinds of Belts

WRITE FOR SAMPLES AND PRICES

Quebec Branch: 51 Duluth Building, MONTREAL

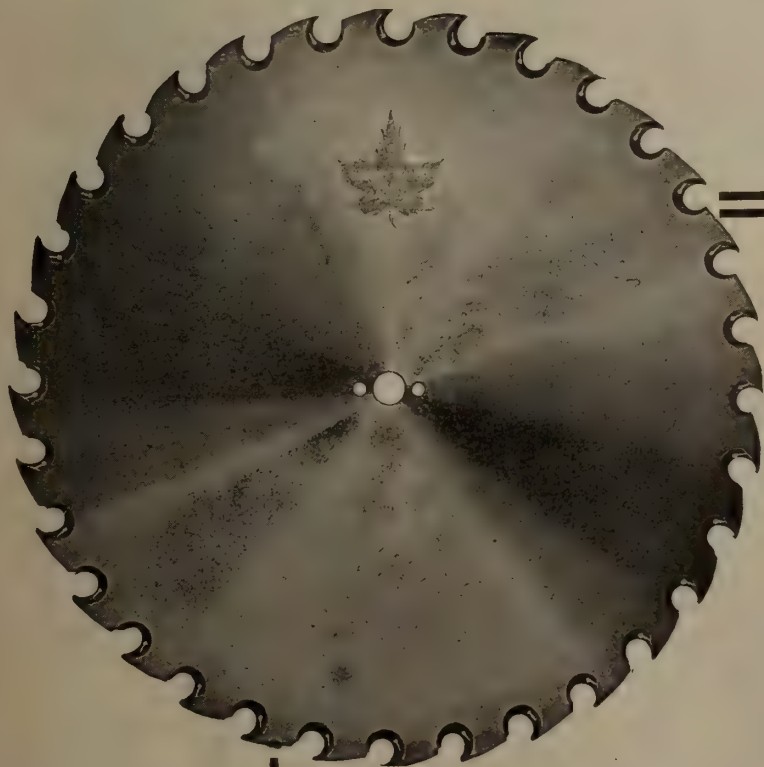
**DOMINION BELTING CO.**

LIMITED

HAMILTON

ONTARIO

CANADA



## Maple Leaf SAWS

The extra-refined Razor Steel, of which Maple Leaf Saws are made, is tempered by our own secret process. A keener edge is thus attained and the life of the saw greatly lengthened. Maple Leaf Saws will increase the output of your men.

**Shurley-Dietrich Co. Ltd., Galt, Can.**

Branch at Vancouver

Agencies throughout the world



# CANADA LUMBERMAN BUYERS' DIRECTORY

The following regulations apply to all advertisers:—Eighth page, every issue, three headings; quarter page, six headings; half page, twelve headings; full page, twenty-four headings

## ALLIGATORS

Payette Company, P.  
West, Peachy & Sons

## BABBITT METAL

General Supply Co., of Canada, Ltd.

## BALE TIES

Laidlaw Bale Tie Company

## BAND MILLS

Hamilton Company, William  
Waterous Engine Works Company  
Yates Machine Company, P. B.

## BAND SAW BLADES

Simonds Mfg., Co.

## BAND RESAWS

Mershon & Company, W. B.  
Yates Machine Co., P.B.

## BARKERS

Bertrand, F. X., La Compagnie  
Manufacturiere.

Horton Steel Works

Smith Foundry & Machine Co.

## BEARING METAL

Beveridge Supply Co., Ltd.

## BEDSTEADS (STEEL)

Simmons Limited

## BELT DRESSING

Dominion Belting Co.  
General Supply of Canada, Ltd.  
McLaren, D. K. Ltd.

## BELT FASTENERS

McLaren, D. K. Ltd.

## BELTING

Canadian Consolidated Rubber Co.  
Dominion Belting Co.  
General Supply Company  
Goodhue & Co., J. L.  
Gutta Percha & Rubber Company  
D. K. McLaren, Limited  
York Belting Co.

## BLOWERS

Reed & Co., Geo. W.  
Sturtevant, B. F. & Co.  
Toronto Blower Company

## BOILERS

Engineering & Machine Works of  
Canada  
Hamilton Company, William  
Waterous Engine Works Company

## BOILER PRESERVATIVE

Beveridge Supply Company  
Shell-Bar, Boico Supply Co., Ltd.

## BOX MACHINERY

Yates Machine Company, P. B.

## BRAKING DEVICE

Ryther & Pringle Co.

## CABLE CONVEYORS

Engineering & Machine Works of  
Canada.

Hamilton Company, William  
Waterous Engine Works Company

## CAMP SUPPLIES

Davies, The Wm. Co., Ltd.  
Dominion Molasses Co., Ltd.  
Dr. Bell Veterinary Wonder Co.  
Howland, H. S. Sons & Co.  
Johnson, A. H.  
Swift Canadian Co., Ltd.  
Turner & Sons, J. J.  
Woods Manufacturing Co., Ltd.

## CANT HOOKS

General Supply Co., of Canada, Ltd.  
Pink & Company, Thomas

## CARS

Mussens, Ltd.

## CEDAR

Adams River Lumber Co.  
Bury & Co., Robt.  
Cameron Lumber Co.  
Canadian Western Lumber Co.  
Chesbro, R. G.  
Fesserton Timber Company  
McElroy Lumber Co., Ltd.  
Muir & Kirkpatrick  
Rose, McLaurin, Limited  
Terry-Nicholson-Cates Ltd.  
Thurston-Flavelle Lumber Co.  
Vancouver Lumber Company.  
Victoria Lumber & Mfg. Co.

## CHAINS

Canadian Link-Belt Company, Ltd.  
General Supply Co., of Canada, Ltd.  
Engineering & Machine Works of  
Canada  
Hamilton Company, William  
Pink & Company, Thomas  
Waterous Engine Works Company

## CLOTHING

Grant-Holden-Graham  
Woods Mfg. Company

## CONCRETE MIXERS

Mussens, Ltd.

## CONVEYOR MACHINERY

Canadian Link-Belt Company, Ltd.  
General Supply Co., of Canada, Ltd.  
Hamilton Company, William  
Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.  
Waterous Engine Works Company

## CORDWOOD

McClung, McLellan & Berry

## COUPLING (Shaft)

Engineering & Machine Works of  
Canada

## CRANES

Hopkins & Co., Ltd., F. H.  
International Land & Lumber Co.  
Canadian Link-Belt Company, Ltd.

## CUTTER HEADS

Shimer Cutter Head Company  
Yates Machine Co., P.B.

## CYPRESS

Maus Lumber Co., Chas. O.  
Wistar, Underhill & Nixon

## DERRICKS AND DERRICK FITTINGS

Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.

## DOORS

Canadian Western Lumber Co.  
Mason, Gordon & Co.  
Terry-Nicholson-Cates Ltd.

## DOORS, FIREPROOF

Mussens, Ltd.

## DRAG SAWS

Gerlach Company, Peter  
Hamilton Company, William

## DRY KILNS

Sturtevant, B. F. & Co.  
DUST COLLECTORS  
Reed & Co., Geo. W.  
Toronto Blower Company

## EDGERS

Hamilton Company, Ltd., William  
Green Company, G. Walter  
Long Mfg. Company, E.  
Payette Company, P.  
Waterous Engine Works Company  
Yates Machine Co., P.B.

## ELEVATING AND CONVEYING MACHINERY

Canadian Link-Belt Company, Ltd.  
Engineering & Machine Works of  
Canada  
Hamilton Company, William  
Mussens, Ltd.  
Waterous Engine Works Company

## ENGINES

Engineering & Machine Works of  
Canada  
Hamilton Company, William  
Payette Company, P.  
Sylvester Manufacturing Co.  
Waterous Engine Works Company

## EXCELSIOR MACHINERY

Elmira Machinery & Transmission  
Company

## EXHAUST FANS

Sturtevant, B. F. & Co.  
Toronto Blower Company

## EXHAUST SYSTEMS

Reed & Co., Geo. W.  
Toronto Blower Company

## FURNACES

Gates Engineering Co.

## FIBRE BOARD

Manley Chew

## FILES

Disston & Sons, Henry  
Simonds Canada Saw Company

## FIR

Adams River Lumber Co.  
Apex Lumber Co.  
Associated Mills, Limited  
Bainbridge Lumber Company  
Cameron Lumber Co.  
Canadian Western Lumber Co.  
Canfield-Wilmot, Ltd.  
Chesbro, R. G.  
Fesserton Timber Co.  
Grier & Sons, Ltd., G. A.  
Knox Brothers  
Mason, Gordon & Co.  
McElroy Lumber Co., Ltd.  
Robertson & Hackett Sawmills  
Rose, McLaurin, Limited  
Terry-Nicholson-Cates Ltd.  
Timberland Lumber Company  
Timms, Phillips & Co.  
Underhill Lumber Co.  
Vancouver Lumber Company  
Vanderhoof Lumber Company  
Victoria Lumber & Mfg. Company

## FIRE BRICK

Beveridge Supply Co., Limited  
Elk Fire Brick Company of Canada  
Shell-Bar, Boico Supply Co., Ltd.

## FIRE FIGHTING APPARATUS

Waterous Engine Works Company

## FITTINGS

Crane Limited

## FLOORING

Cameron Lumber Co.  
Chesbro, R. G.  
Long-Bell Lumber Company  
Canfield-Wilmot, Ltd.

## GEARS (Cut)

Smart-Turner Machine Company

## GUARDS (Machinery and Window)

Canada Wire & Iron Goods Co.

## HARDWOODS

Anderson Lumber Company, C. G.  
Anderson, Shreiner & Mawson  
Atlantic Lumber Company  
Black Rock Lumber Co.  
Bury & Co., Robt.  
Cameron & Company  
Clark, Edward & Sons  
Edwards & Co., W. C.  
Fassett Lumber Company, Limited  
Fesserton Timber Co.  
Gillespie, James  
Gloucester Lumber & Trading Co.  
Grier & Sons, Ltd., G. A.  
Hart, Hamilton & Jackson  
Kinnon Lumber Co.  
Knox Brothers  
Mason & Company, Geo.  
Maus Lumber Co., Chas. O.  
McDonagh Lumber Company  
McLennan Lumber Company  
McNeil Lumber Co.  
McLung, McLellan & Berry  
Murphy Lumber Co., Wm. J.  
Pedwell Hardwood Lumber Co.  
W. & J. Sharples  
Spencer, Limited, C. A.  
Summers, James R.

## HARDWOOD FLOORING

Grier & Sons, Ltd., G. A.

## HARNESS

Lamontague, Ltd.

## HEMLOCK

Anderson Lumber Company, C. G.  
Anderson, Shreiner & Mawson  
Bartram & Ball  
Beck, C. Mfg. Co.  
Big Bear Lumber Co.  
Bourgouin, H.  
Canadian General Lumber Company  
Edwards & Co., W. C.  
Fesserton Timber Co.  
Grier & Sons, Ltd., G. A.  
Hocken Lumber Company  
Mason, Gordon & Company  
McCormack Lumber Company  
McDonagh Lumber Company  
McElroy Lumber Co., Ltd.  
Robertson & Hackett Sawmills  
Spencer, Limited, C. A.  
Stalker, Douglas A.  
Sutherland Lumber Co., A. A.  
Terry-Nicholson-Cates Ltd.  
Vancouver Lumber Company  
Vanderhoof Lumber Company

## HOISTING AND HAULING ENGINES

General Supply Co., of Canada, Ltd.



# Beardmore Extra Quality Waterproof Cement Leather Belting



*For the Wet  
Place*

*Tell us your belting troubles  
and we can help you.*

**The General Supply Company of Canada, Limited**

OTTAWA MONTREAL TORONTO NORTH BAY MONCTON WINNIPEG VANCOUVER

*Large stocks available for immediate shipment*



## Rubber Goods FOR LUMBERMEN

**Belting** Our long experience in the making of Rubber Belts enables us to specialize on this line. "P. M. S.," "Special Drive" and "Lion" are our leading brands for power transmission.

**Packings** "Redstone" High Pressure Sheet Packing has proved by test that it will outlast any other similar packing on the market. We make Spiral and Ring Packings, etc., that are equally reliable.

**Hose** for Steam, Water, etc., in various grades, made especially to give satisfactory and economical service under different conditions.

**Fire Hose** One or more of our twenty brands of Fire Hose will be found, not only in the best equipped Factories, Mills, etc., but in almost every Fire Department in the Dominion.

**Rubber Footwear** We make a complete line of Lumbermen's boots. For over 25 years, our Maltese Cross Brand has been the leading line in Canada. Make sure you get this old dependable brand.

**Gutta Percha & Rubber, Limited**

TORONTO HALIFAX MONTREAL OTTAWA HAMILTON LONDON FORT WILLIAM WINNIPEG REGINA  
SASKATOON EDMONTON CALGARY LETHBRIDGE VANCOUVER VICTORIA



Hopkins & Co., Ltd., F. H.  
London Concrete Machinery Co.  
Mussens, Ltd.

#### HOSE

General Supply Co., of Canada, Ltd.  
Gutta Percha & Rubber Company  
Mussens, Ltd.

#### INSURANCE

Hardy & Company, E. D.  
Lumberman's Indemnity Exchange  
Rankin Benedict Underwriting Co.

#### INTERIOR FINISH

Cameron Lumber Company  
Canadian Western Lumber Co.  
Canfield, P. L.  
Eagle Lumber Company  
Mason, Gordon & Co.  
Rose, McLaurin, Limited  
Terry & Gordon

#### KILN DRIED LUMBER

Bury & Co., Robt.

#### KNIVES

Disston & Sons, Henry  
Simonds Canada Saw Company  
Waterous Engine Works Company

#### LAMPS AND LANTERNS

Coleman Lamp Co.  
Mussens, Ltd.

#### LARCH

Otis Staples Lumber Company

#### LATH

Adams River Lumber Co.  
Anderson, Shreiner & Mawson  
Apex Lumber Company  
Austin & Nicholson  
Beck, C. Mfg. Co.  
Brennen & Sons  
Cameron Lumber Company  
Canadian General Lumber Company  
Carew Lumber Company, John  
Chaleurs Bay Mills

Dadson, A. T.  
Eagle Lumber Company  
Fasett Lumber Company, Limited  
Foley Lumber Company  
Fraser Bryson Lumber Co., Ltd.

Gloucester Lumber & Trading Co.  
Greig Morris Ltd.  
Grier & Sons, Ltd., G. A.  
Harris Tie & Timber Company, Ltd.  
Larkin Company, C. A.  
Mason & Company, Geo.  
McLennan Lumber Company  
Miller, W. H. Company  
New Ontario Colonization Company  
Otis Staples Lumber Company  
Power Lumber Company  
Shevlin-Clarke Company  
Terry & Gordon  
U. G. G. Sawmills, Limited  
Victoria Harbor Lumber Company

#### LATH BOLTERS

General Supply Co. of Canada, Ltd.  
Hamilton Company, William  
Payette & Company, P.

#### LOCOMOTIVES

Engineering & Machine Works of  
Canada  
General Supply Co. of Canada, Ltd.  
Hopkins & Co., Ltd., F. H.  
Climax Manufacturing Company  
Montreal Locomotive Works  
Mussens, Ltd.

#### LINK-BELT

Canadian Link-Belt Company  
Hamilton Company, William

#### LOCOMOTIVE CRANES

Canadian Link-Belt Company  
Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.

#### LOGGING ENGINES

Engineering & Machine Works of  
Canada

Hopkins & Co., Ltd., F. H.  
Mussens Limited

#### LOG HAULER

Engineering & Machine Works of  
Canada  
Green Company, G. Walter  
Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.  
Payette & Company, P.

#### LOGGING MACHINERY AND EQUIPMENT

Fleming & MacLeary  
General Supply Co. of Canada, Ltd.  
Hamilton Company, William  
Hopkins & Co., Ltd., F. H.  
Payette & Company, P.  
Smith Foundry Co.  
Sylvester Manufacturing Co.  
Waterous Engine Works Company  
West, Peachey & Sons  
Mussens Limited

#### LUMBER DRY KILNS

Sturtevant, B. F. & Co.

#### LUMBER EXPORTS

Fletcher Corporation

#### LUMBER TRUCKS

Hamilton Company, William  
Mussens, Ltd.  
Waterous Engine Works Company

#### LUMBERMEN'S BOATS

Adams Engine Company  
Gidley Boat Company  
West, Peachey & Sons

#### MATTRESSES

Simmons Limited

#### MILL PIPING

Neville-Cooper Co.

#### MOTORS

Sturtevant, B. F. & Co.

#### NAILING MACHINES

Yates Machine Co., P.B.

#### OAK

Long-Bell Lumber Company  
Maus Lumber Co., Chas. O.

#### PACKING

Beveridge Supply Company  
Gutta Percha & Rubber Company

#### PANELS

Bury & Company, Robt.

#### PAPER

Beveridge Supply Company

#### PINE

Adams River Lumber Co.  
Anderson Lumber Company, C. G.  
Anderson, Shreiner & Mawson  
Atlantic Lumber Company  
Austin & Nicholson  
Beck, C. Mfg. Co.  
Big Bear Lumber Co.  
Black Rock Lumber Co.  
Cameron Lumber Company  
Canadian General Lumber Company  
Canadian Western Lumber Co.  
Canfield, P. L.  
Chesbro, R. G.  
Cleveland-Sarnia Sawmills Company  
Cox, Long & Company  
Dadson, A. T.  
Dudley, Arthur N.  
Eagle Lumber Company  
Edwards & Co., W. C.  
Excelsior Lumber Company  
Fesserton Timber Co.  
Fraser Bryson Lumber Co., Ltd.  
Gillies Bros, Limited  
Gloucester Lumber & Trading Co.  
Gordon & Company, George  
Goodday & Company, H. R.  
Greig Morris Ltd.  
Grier & Sons, Ltd., G. A.  
Harris Tie & Timber Company, Ltd.  
Hettler Lumber Co., Herman H.  
Hocken Lumber Company  
Julien, Roch  
Lloyd, W. Y.  
Loggie Company, W. S.  
Long-Bell Lumber Company  
Mason, Gordon & Co.  
Mason & Company, Geo.

# FIRE BRICK AND CLAY

We make several brands of fire brick by every known process of manufacture from a selection of various high grade Pennsylvania clays. This enables us to furnish the best for your boilers, dutch ovens, refuse burners, kilns, etc. We specialize in fire brick for power plants and if you will advise us whether your boilers are hand fired or stoker fired and kind of fuel used we can then give you the proper brick for your work.

We carry a large stock of our different brands in various sizes and shapes in our Hamilton warehouse which enables us to ship at once.

We manufacture the following well-known brands:

"Elkco Special," "Elk Steel,"

"St. Marys," "Keystone" and "M.D. Elk"

Write for copy of our catalogue,

**Elk Fire Brick Co. of Canada, Ltd.**

HIGH GRADE FIRE BRICK and CLAY

**Sun Life Bldg., Hamilton, Canada**

Representatives for Maritime Provinces:

**RHODES, CURRY COMPANY, Ltd., Head Office, AMHERST, N.S.**

Branches at Sydney and New Glasgow, N. S.



## Put your problem up to us

We are specialists in building locomotives. We build all types and sizes, also all kinds of repair parts for locomotives and tenders.

Our experience puts us in a position to give you expert advice as to what particular type and size of locomotive is best suited to your needs.

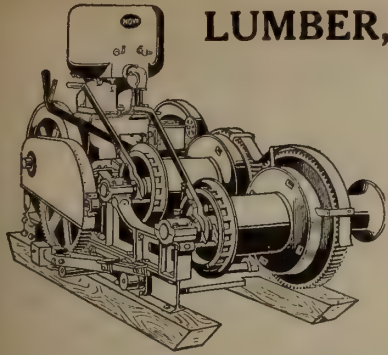
**Put Your Locomotive Problem  
up to us.**

**Montreal Locomotive Works**

Limited

**Dominion Express Building, : Montreal, Canada**





## LUMBER, TIMBER and LOGS

should be handled with modern machinery to keep down labor costs.

We manufacture Gasoline and Electrical Drive Hoisting Engines in sizes from 3 to 40 H.P. and in designs to meet every requirement of the Lumbering and Logging Industry. Catalogue and prices on request.

**Made in Canada.**

We manufacture Concrete Mixers, Hoists, Air Compressors, Pumps, Brick, Block and Tile Machines, Barrows, Carts, Silo Moulds, Ornamental Moulds and Tools.

**London Concrete Machinery Company, Ltd.**

Dept. T. London, Canada

World's Largest Manufacturers of Concrete Machinery.

# MERSHON

A SPECIALTY - NOT A SIDE LINE  
**BAND RESAWS**

## SIMPLEST and BEST

### Wm. B. Mershon & Company

Saginaw, Michigan, U.S.A.

## QUICK ACTION

Can be assured if you will let the CANADA LUMBERMAN "Wanted and For Sale" department take care of your miscellaneous business needs.

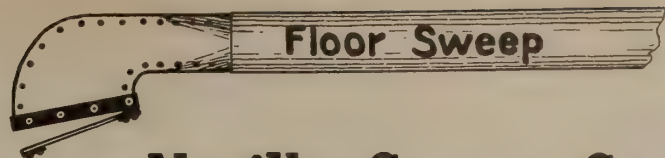
We receive constant testimony from advertisers as to the value they have received from this far-reaching and inexpensive method of publicity in the lumber trade and allied industries.

Try these columns. The result will surprise you.

## CANADA LUMBERMAN

347 Adelaide St. West

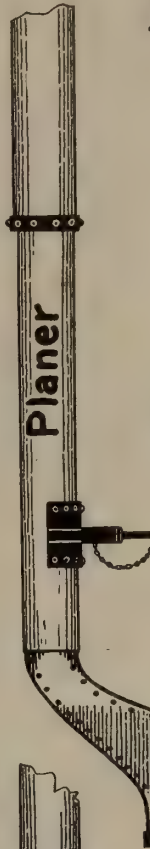
TORONTO



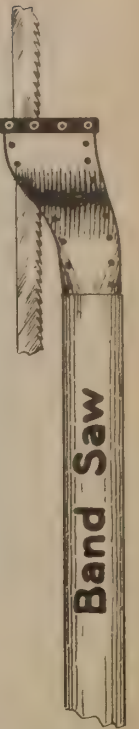
Floor Sweep

## Neville-Cooper Co. Toronto

### Shaving Pipe Systems Installed Complete



Planer



Band Saw

### Alterations and Repairs



Circular Saw

## Special Notice

We have purchased all the

# A X E S

of the

National Farming Machinery Co., Ltd.  
of Montmagny, Que.

Can quote very low prices

*Write us for lists and catalogues*

## Floyd-Esbin Co., Limited

611 Canada Cement Building - Montreal



McCormack Lumber Company  
McFadden, J. J.  
McLennan Lumber Company  
Montreal Lumber Company  
Muir & Kirkpatrick  
Northern Lumber Mills  
Otis Staples Lumber Company  
Parry Sound Lumber Company  
P. Q. Lumber Co.  
Rolland Lumber Company  
W. & J. Sharples  
Shevlin-Clarke Company  
Spencer, Limited, C. A.  
Stalker, Douglas A.  
Summers, James R.  
Terry-Nicholson-Cates Ltd.  
Victoria Harbor Lumber Company  
Watson & Todd, Limited

**PLANING MILL EXHAUSTERS**  
Toronto Blower Company  
Sturtevant, B. F. & Co.

**PLANING MILL FANS (Reversible)**  
Mussens, Ltd.

**PLANING MILL MACHINERY**  
Mershon & Company, W. B.  
Toronto Blower Company  
Yates Machine Company, P. B.

**POPLAR**  
Keewatin Lumber Co.

**PORTABLE SAWMILLS**  
Brady Machinery Co.

**POST GRINDERS**  
Smith Foundry Company

**POSTS AND POLES**  
Anderson, Shreiner & Mawson  
Canadian Tie & Lumber Co.  
Eagle Lumber Company  
Harris Tie & Timber Company, Ltd.  
Long-Bell Lumber Company  
Mason, Gordon & Co.  
McLennan Lumber Company  
Terry-Nicholson-Cates Ltd.

**PULLEYS AND SHAFTEING**  
Bernard Industrial Co., The A.  
Canadian Link-Belt Company  
General Supply Co. of Canada, Ltd.  
Green Company, G. Walter  
Engineering & Machine Works of Canada  
Hamilton Company, William  
McLaren, D. K. Ltd.  
Williams Machinery Co., A. R.

**PULP MILL MACHINERY**  
Canadian Link-Belt Company  
Engineering & Machine Works of Canada  
Hamilton Company, William  
Payette & Company, P.  
Waterous Engine Works Company  
Williams Machinery Co., A. R.

**PULPWOOD**  
British & Foreign Agencies  
D'Auteuil Lumber Company  
Price Bros. & Company  
Scott, Draper & Company

**PUMPS**  
Engineering & Machine Works of Canada  
General Supply Co. of Canada, Ltd.  
Hamilton Company, William  
Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.  
Smart-Turner Machine Company  
Sylvester Mfg. Co., Ltd.  
Waterous Engine Works Company

**PLANING MILL EXHAUSTERS**  
(Steel Plate)  
Sturtevant, B. F. & Co.

**RAILS**  
Gartshore, John J.  
Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.

**ROOFINGS**  
(Rubber, Plastic and Liquid)  
Beveridge Supply Company  
Reed & Co., Geo. W.

**RUBBER GOODS**  
Dunlop Tire & Rubber Goods Co.  
Gutta Percha & Rubber Company

**SAWS**  
Atkins & Company, E. C.

Disston & Sons, Henry  
General Supply Co. of Canada, Ltd.  
Gerlach Company, Peter  
Green Company, G. Walter  
Hoe & Company, R.  
Radcliff Saw Mfg. Company  
Shurly Company, Ltd., T. F.  
Shurly-Dietrich Company  
Simonds Canada Saw Company

**SAW GRINDERS**  
Smith Foundry Company

**SAW MILL LINK-BELT**  
Canadian Link-Belt Company

**SAW MILL MACHINERY**  
Brady Machinery Co.  
Canadian Link-Belt Company  
Clark Bros. Co.  
General Supply Co. of Canada, Ltd.  
G. Walter Green Company, Ltd.  
Hamilton Company, William  
La Compagnie Manufacture, F. X. Bertrand  
Long Mfg. Company, E.  
Mershon & Company, W. B.  
Parry Sound Lumber Company  
Payette & Company, P.  
Waterous Engine Works Company  
Yates Machine Company, P. B.

**SAW SHARPENERS**  
Hamilton Company, William  
Waterous Engine Works Company

**SAW SLASHERS**  
Hamilton Company, William  
Payette & Company, P.  
Waterous Engine Works Company

**SHINGLES**  
Apex Lumber Company  
Associated Mills, Limited  
Cameron Lumber Company  
Campbell-McLaurin Lumber Co.  
Canadian Western Lumber Co.  
Carew Lumber Company, John  
Chaleurs Bay Mills  
Chesbro, R. G.  
D'Auteuil Lumber Company  
Eagle Lumber Company  
Fraser, Companies Limited  
Gillespie, James  
Gloucester Lumber & Trading Co.  
Grier & Sons, Ltd., G. A.  
Harris Tie & Timber Co., Ltd.  
Mason, Gordon & Co.  
McLennan Lumber Company  
McNeil Lumber Co.  
Miller Company, Ltd., W. H.  
Rose, McLaurin, Limited  
Snowball & Co., J. B.  
Stalker, Douglas A.  
Terry-Nicholson-Cates Ltd.  
Timms, Phillips & Company  
Vancouver Lumber Company  
Vanderhoof Lumber Company

**SHINGLE & LATH MACHINERY**  
Green Company, C. Walter  
Hamilton Company, William  
Long Manufacturing Company, E.  
Payette & Company, P.  
Smith Foundry Company

**SILENT CHAIN DRIVES**  
Canadian Link-Belt Company

**SLEEPING EQUIPMENT**  
Simmons Limited

**SLEEPING ROBES**  
Woods Mfg. Company, Ltd.

**SMOKESTACKS**  
Hamilton Company, William  
Neville-Cooper Co.  
Reed & Co., Geo. W.  
Waterous Engine Works Company

**SNOW PLOWS**  
Pink & Company, Thomas

**SPARK ARRESTORS**  
Reed & Company, Geo. W.  
Waterous Engine Works Company

**SPRUCE**  
Adams River Lumber Co.  
Anderson, Shreiner & Mawson  
Big Bear Lumber Co.  
Cameron Lumber Company

Campbell, McLaurin Lumber Co.  
Canadian Western Lumber Co.  
Chesbro, R. G.  
Coburn Lumber Co.  
Cox, Long & Company  
Dadson, A. T.  
Dudley Arthur N.  
Fassett Lumber Company, Ltd.  
Fraser, Companies Limited  
Fraser Bryson Lumber Co., Ltd.  
Gillies Brothers  
Gloucester Lumber & Trading Co.  
Goodday & Company, H. R.  
Gravel Lumber Co.  
Greig Morris Ltd.  
Grier & Sons, Ltd G. A.  
Harris Lumber Co., Frank H.  
Hocken Lumber Company  
International Land & Lumber Co.  
Julien, Roch  
Larkin Co., C. A.  
Lloyd, W. Y.  
Loggie Co., W. S.  
Mason, Gordon & Co.  
McCormack Lumber Co.  
McDonagh Lumber Co.  
McElroy Lumber Co., Ltd.  
McLennan Lumber Company  
Muir & Kirkpatrick  
New Ontario Colonization Co.  
Northern Lumber Mills  
Power Lumber Co.  
P. Q. Lumber Co.  
Rolland Lumber Co.  
Rose, McLaurin, Limited  
Spencer, Limited, C. A.  
Sutherland Lumber Co., A. A.  
Terry & Gordon  
Terry-Nicholson-Cates Ltd.  
Vanderhoof Lumber Company

**STEAM ENGINES**  
Lamontague, Ltd.

**STEAM SHOVELS**  
Hopkins & Co., Ltd., F. H.

**STEEL CHAIN**  
Canadian Link-Belt Company  
Hopkins & Co., Ltd., F. H.  
Waterous Engine Works Company

**STEAM PLANT ACCESSORIES**  
Waterous Engine Works Company

**STEEL BARRELS**  
Smart-Turner Machine Company

**STEEL DRUMS**  
Smart-Turner Machine Company

**TARPAULINS**  
Turner & Sons, J. J.  
Woods Manufacturing Company Ltd.

**TANKS**  
Hopkins & Co., Ltd., F. H.  
Horton Steel Works

**TENTS**  
Turner & Sons, J. J.  
Woods Mfg. Company

**TIES**  
Austin & Nicholson  
Carew Lumber Co., John  
Canadian Tie & Lumber Co.  
Chaleurs Bay Mills  
D'Auteuil Lumber Co.  
Gloucester Lumber & Trading Co.  
Harris Tie & Timber Company Ltd.  
International Land & Lumber Co.  
McLennan Lumber Company  
McNeil Lumber Co.  
Miller, W. H. Co.  
Scott, Draper & Co.  
Terry-Nicholson-Cates Ltd.

**TIMBER BROKERS**  
Cant & Kemp  
Farnworth & Jardine  
Wright, Graham & Co.

**TIMBER CRUISERS AND ESTIMATORS**  
Savage & Bartlett.  
Sewell, James W.  
  
**TIMBER LANDS**  
Department of Lands & Forests, Ont.

**TOWING MACHINES**  
Payette & Company, P.  
West, Peachey & Sons

## TRACTORS

Holt Manufacturing Company  
Hopkins & Co., Ltd., F. H.  
Mussens Limited

## TRAILERS

Dominion Truck Equipment Co.  
Mussens, Ltd.  
Sylvester Manufacturing Co.

**TRANSMISSION MACHINERY**  
Canadian Link-Belt Company  
Engineering & Machine Works of Canada  
General Supply Co. of Canada, Ltd.  
Grand Rapids Vapor Kiln  
Hamilton Company, William  
Kennedy, Wm. & Sons  
Waterous Engine Works Co.

## TRUCKS

Tudhope Anderson Co.

## TRUCK UNITS

Dominion Truck Equipment Co.

## TURBINES

Engineering & Machine Works of Canada  
Hamilton Company, William

**TURBO UNDERGRATE BLOWERS**  
Sturtevant, B. F. & Co.

## VALVES

Crane, Limited

**VAPOR KILNS**  
Grand Rapids Vapor Kiln

**veneers**  
Bury & Co. Robt.

**veneER DRYERS**  
Coe Manufacturing Company

**veneER MACHINERY**  
Coe Manufacturing Company

**VETERINARY REMEDIES**  
Dr. Bell Veterinary Wonder Co.  
Johnson, A. H.

**WARPING TUGS**  
West, Peachey & Sons

**WATER WHEELS**  
Engineering & Machine Works of Canada  
Hamilton Company, William

**WIRE**  
Canada Metal Co.  
Laidlaw Bale Tie Company  
Canada Wire & Iron Goods Co.

**WIRE CLOTH**  
Canada Wire & Iron Goods Co.

**WIRE ROPE**  
Canada Wire & Iron Goods Co.  
Hopkins & Co., Ltd., F. H.  
Dominion Wire Rope Co.  
Greening Wire Co., B.  
Mussens, Ltd.

**WOODWORKING MACHINERY**  
General Supply Co., of Canada, Ltd.  
Long Manufacturing Company, E.  
Mershon & Company, W. B.  
Waterous Engine Works Co.  
Yates Machine Company, P. B.

**WOOD PRESERVATIVES**  
Beveridge Supply Company  
Austin & Nicholson  
New Ontario Colonization Company  
Power Lumber Co.

**WOOD PULP**  
Austin & Nicholson  
New Ontario Colonization Co.  
Power Lumber Co.



# Pink's Lumbering Tools

The Standard Tools in every province of the Dominion, New Zealand, Australia, etc.  
We manufacture all kinds of lumber tools. Light and Durable.

Long Distance Phone, No. 87

Send for Catalogue and Price List.

Sold throughout the Dominion by all Wholesale and Retail Hardware Merchants.

## The Thomas Pink Company, Limited

*Manufacturers of Lumber Tools*

PEMBROKE

ONTARIO

It's a Pink any-  
way you take  
it and it's the  
best Peavey  
made.



*Not altogether what we say,  
but what users say*

"We have used the Alligator or Warping Tug manufactured by you for the last 7 or 8 years, and consider them indispensable to lumbermen on waters of French River or similar streams."

Will move a bag containing 60,000 logs,  
in calm weather, 30,000 in a head wind.

**West, Peachey & Sons** Simcoe, Ont.

## FIRE WALLS ARCHES BRIDGE WALLS

Would you use bricks, half bricks and fire clay for repairs when one solid brick would do the work? **PLIBRICO** comes in plastic form and when baked out is a brick of the required size without joints. Skilled labor not necessary in installing.

Write us for estimates and for copy of book on "MODERN FURNACE BUILDING."

Manufacturers of "BOICO" feed water treatment and  
**SHELL-BAR GRATES**

and

Dealers in Tip It Welding Compound, Nox-Aer-Leek, Ever-jet Paint, Gaskets and Packing and every **ENGINE ROOM NECESSITY**.

## SHELL-BAR, BOICO SUPPLY, LIMITED

Phone Parkdale 2470 — 1-15 Saunders Avenue  
TORONTO



"SAMSON"

# BLUE STRAND

*No Wire Rope is More Economical*  
Spreads Its First Cost over a Long Period of Service  
ROPES OF ALL CONSTRUCTIONS AND SIZES IN STOCK

## The Dominion Wire Rope Co. LIMITED

Head Office: MONTREAL

Stocks also at: TORONTO, WINNIPEG



# **“LONG”**

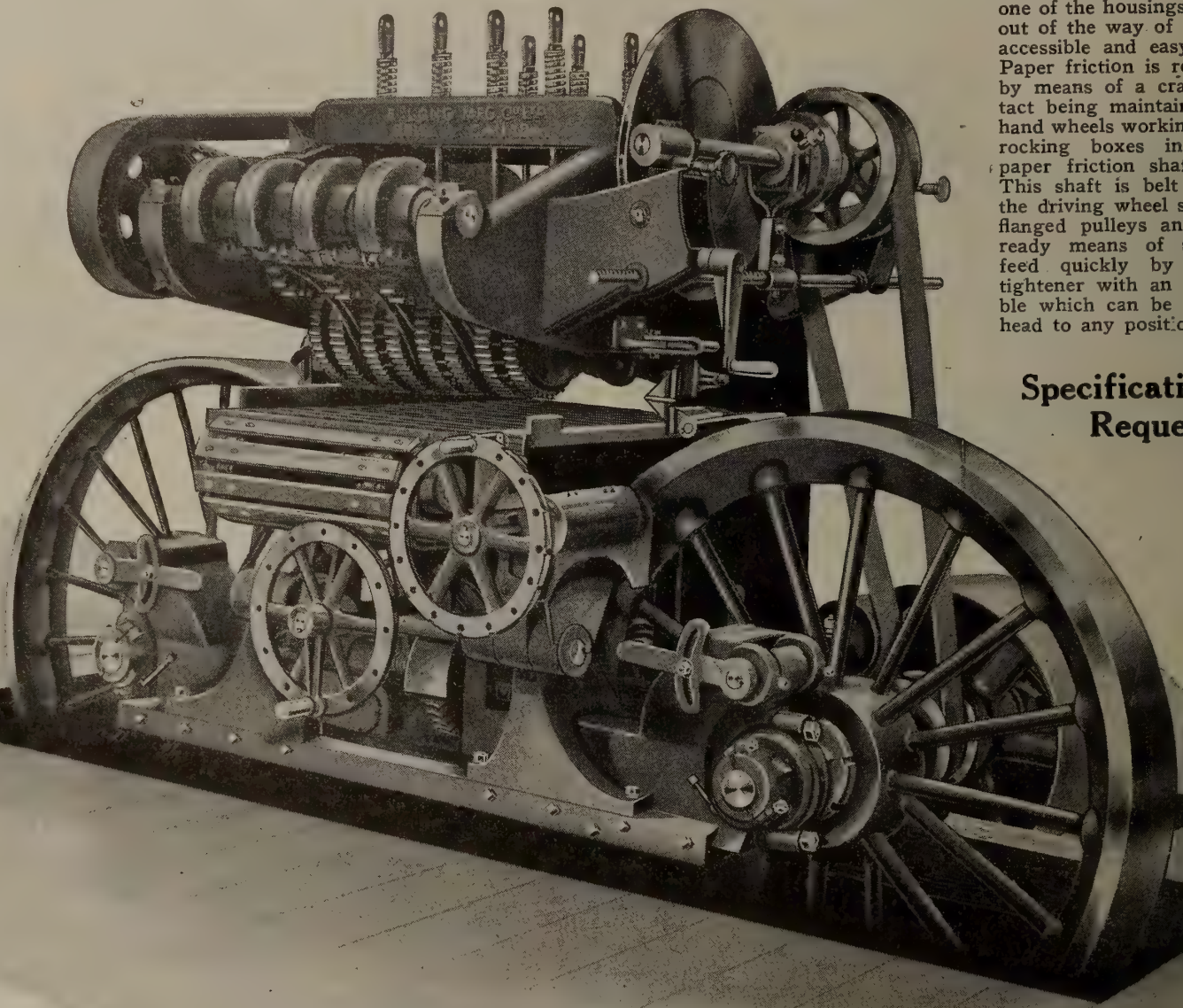
## **Horizontal Band Resaw**

Speed and economy in operation have been combined to an unusual degree in the “Long” Horizontal Band Resaw. This result has been attained by the improved design and construction embodying many exclusive features which find instant favor with millmen. These are described in one of our booklets, together with full particulars and specifications. Write for your copy today. You should have it on file.

### **A Few Popular Features of the “LONG” Horizontal band Resaw**

The feed works (disc friction type) is mounted on the side of one of the housings, placed high out of the way of dirt, etc., yet accessible and easy to operate. Paper friction is readily shifted by means of a crank, the contact being maintained by small hand wheels working against the rocking boxes in which the paper friction shaft is carried. This shaft is belt driven from the driving wheel shaft through flanged pulleys and there is a ready means of stopping the feed quickly by raising the tightener with an overhead cable which can be carried overhead to any position desired.

### **Specifications on Request**



## **The E. Long Manufacturing Co., Limited**

**Orillia** **Canada**

A. R. Williams Machinery Co.,  
Vancouver and Winnipeg



Gormans, Ltd. Calgary and Edmonton  
Williams & Wilson, Ltd., Montreal



# Let Steam do Your Setting

The hardest worked employee in the ordinary Saw Mill is the setter. The handling of large logs calls for great muscular effort on his part, while his work on the smaller logs is almost equally laborious, as he has to put through a much larger number of them.

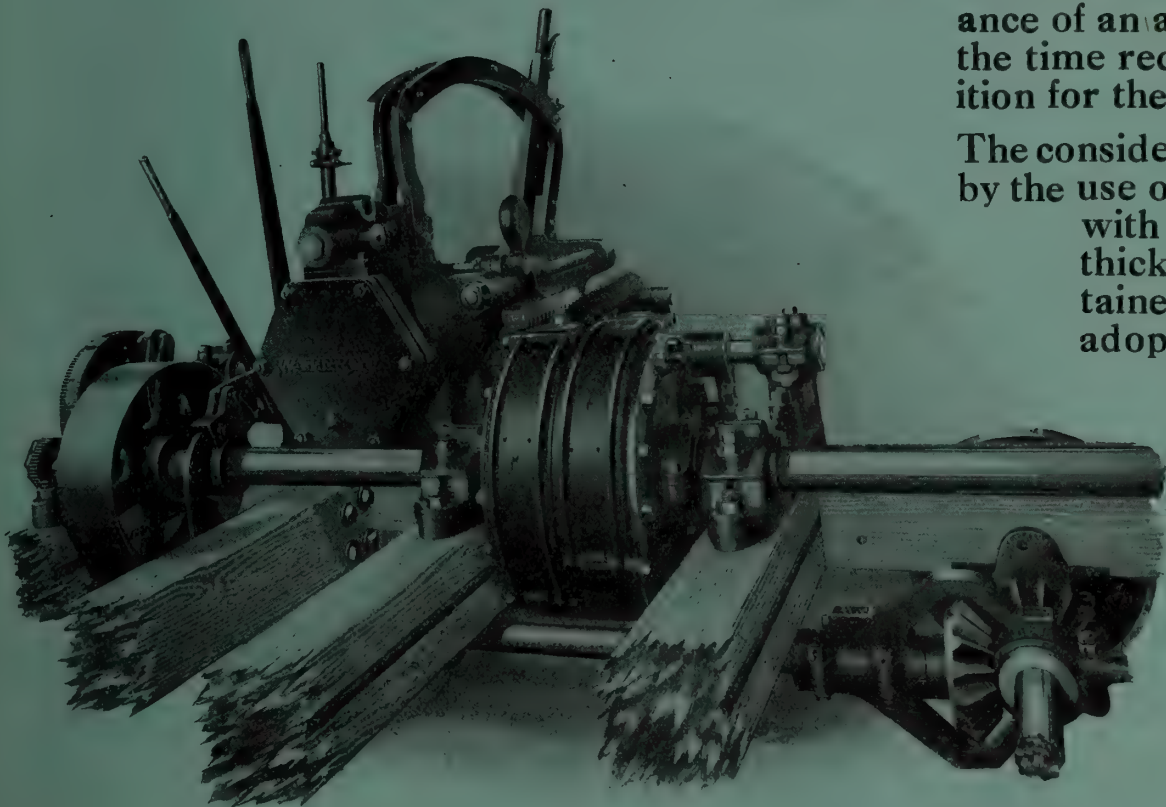
Every cut makes necessary a new adjustment of the log, which, in the absence of our Steam Set Works, is accomplished by a long throw of the hand lever. Before the end of his day's labor, the setter is usually exhausted. In many mills, the setter, because of the fatiguing nature of his duties, is not required to work for as many hours per day as the other employees.

All this is changed by our Steam Set Works, making the labor of the setter so much less arduous that he can do a full day's work. He is also enabled to set logs more quickly, thus increasing the number of cuts that can be made in a given time; and the lumber produced is materially improved in quality and regularity. Instead of the sawyer being kept waiting for the setter—the usual condition in ordinary saw mills—the reverse is true, and the setter is usually waiting for the sawyer.

It goes without saying that the main purpose of a sawmill is to produce as much good lumber as possible, at a minimum cost. As the cutting capacity of the mill depends mainly on the speed with which the logs are handled, the importance of an appliance which will shorten the time required to move logs into position for the next cut, is apparent.

The considerable saving of time effected by the use of these Set Works, together with the greater exactness in the thickness of the lumber thus obtained, accounts for the rapid adoption of this machine by mill men.

The considerable saving of time effected by the use of these Set Works, together with the greater exactness in the thickness of the lumber thus obtained, accounts for the rapid adoption of this machine by mill men.



WHY NOT WRITE FOR  
INFORMATION NOW?

# Waterous

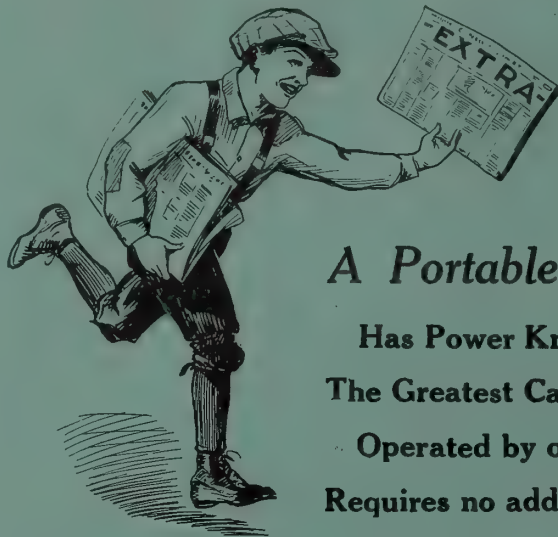
BRANTFORD, ONTARIO, CANADA

MOLSONS BANK BUILDING, VANCOUVER, B.C.

WINNIPEG, MANITOBA



# EXTRA



*Cadillac*  
404  
PATENTED

## A Portable Sawmill—

Has Power Knees and Dogs.

The Greatest Capacity of any mill on earth.

Operated by one man.

Requires no additional power.

**T**HIS Portable Sawmill is designed especially to handle short logs, veneer cores, etc., working them up into good marketable stock, railroad ties, box lumber, dimension stock, cooperage stock, etc.

To insure reasonable deliveries we are putting forth maximum efforts towards increased production. Let us have your enquiries now.

## BRADY MACHINERY COMPANY

Traverse City, Mich.



Cadillac, Mich.

Manufacturers of  
Portable Sawmill Machinery

General Offices:

Traverse City, Mich.  
U. S. A.

Machine Shops and Foundries:

Cadillac, Mich.  
U. S. A.



# Canada Lumberman

founded 1880

When in the Market for—

TENTS, TARPAULINS, FEED BAGS, STRAW  
TICKS, GREY BLANKETS or PADDLES—

*Ask for Quotations from*

**J. J. Turner & Sons, Ltd.**

Manufacturers

PETERBOROUGH, - - - - - ONT.

## FIRE INSURANCE

Unequalled Facilities

Protection + Service + Saving  
TO

Lumbermen

**E. D. HARDY & CO.**

BOOTH BLDG:

OTTAWA, ONT

Twenty Years of Successful Operation

**DeVEUVE-BURNS UNDERWRITING COMPANY**

Manager

**LUMBERMEN'S INDEMNITY EXCHANGE**

Fire Insurance for Lumbermen

Licensed in Canada

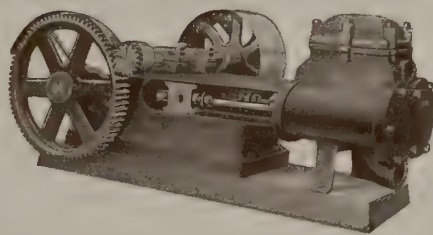
## FOR SALE

- 1—24 ton Forney Type Locomotive, Standard Gauge.
- 1—20 ton Saddle Tank Locomotive, Standard Gauge.
- 24—Russell Log Cars, 10 ft. Bunks.
- 25—20 ton Flat Cars.
- 1500—ton 52 and 56 lbs. Relaying Rail.
- 140—ton 45 lbs. Relaying Rail.
- 175—ton 30 " " "
- 35—ton 16 " " "

**John J. Gartshore**

Toronto

Ontario



For Long Service  
and  
Minimum Repair Bills

**Try Smart-Turner Pumps**

**The Smart-Turner Machine Company, Limited**  
Hamilton, Canada

## Quantity Production Lowers Manufacturing Costs

The demand for a medium priced—high-class motor boat has resulted in GIDLEYFORD sales far in excess of expectations. The Gidley organization is able to concentrate on quantity production on an unheard of scale, with the logical result—lower production costs.

This enables us to sell the GIDLEYFORD at a greatly reduced price, and we will maintain the quality that is represented by the combined names of Gidley and Ford.

GIDLEYFORDS will be allocated as orders are received and shipping dates arranged.

Price reduced to \$1250. F.O.B. rail or water, Penetang, Ontario. In Canada, Sales Tax extra.

**1923 Price—\$1250**

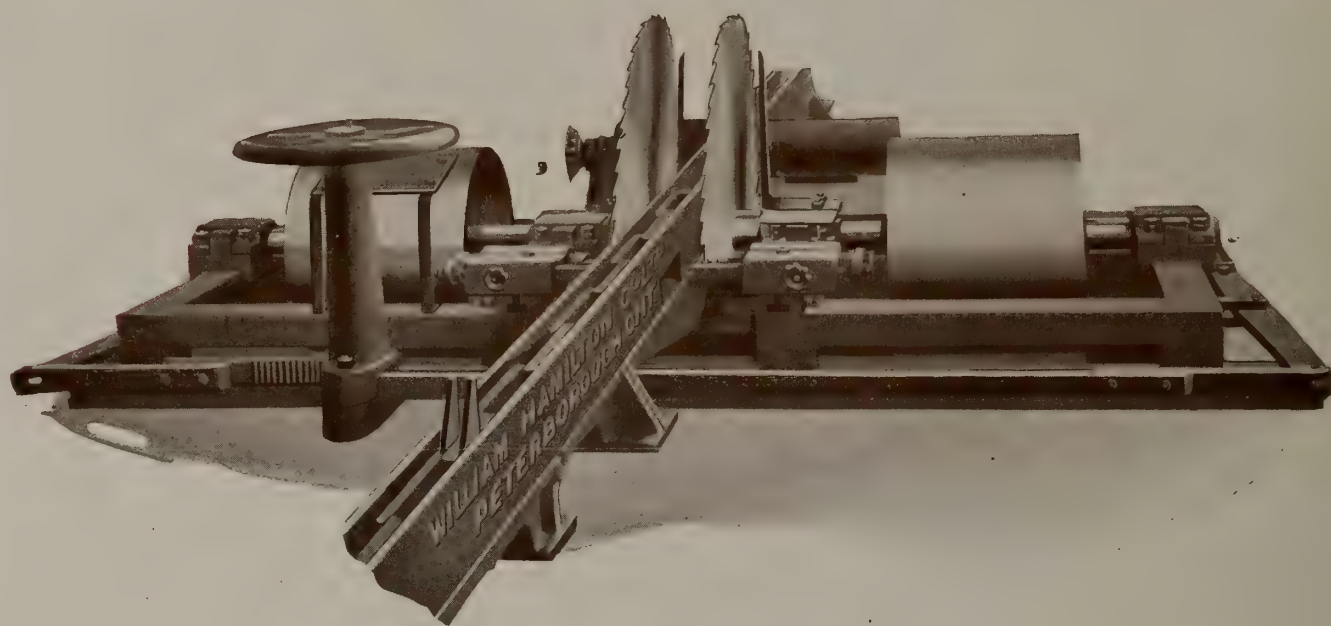
**GIDLEY BOAT COMPANY, LIMITED, PENETANG, ONTARIO**





# **“HAMILTON”**

## **Twin Circular Machine**



Above cut illustrates one design of Twin or Span Circular used for slabbing logs for the gang or for making ties. With this machine chain feed is used. We also manufacture other designs with steam or rope feed.

The chain feed circular shown above will slab logs 16 ft. long into cants from 16" down to 4" in thickness, and this style of feed meets with most favor from millmen.

The saw frames are adjustable by rack and pinion controlled by handwheel with locking device, and a flat scale marked off at the mill shows distance between saws at all times. Saws used vary from 42" to 50" in diameter.

A special centering device operated by 6" steam cylinder is used to place logs to best advantage on track before going through the saws and the slabs coming off behind the machine are taken care of by means of chains or rollers.

The drive for feed chains which is variable is controlled by Sawyer and can be stopped or started at will.

Standard length of track supplied when cutting 16 ft. logs is 56 feet.

***Consult us for any of your Sawmill Needs***

# **William Hamilton Co., Limited**

Agents: J. L. Neilson & Company, Winnipeg, Man.

PETERBORO, ONT.

E. G. Blackwell, 65 Davis Chambers, Vancouver, B.C.



# Knox Brothers, Limited

HEAD OFFICE: 512-513 Drummond Building, Montreal, Que.



Felling a fir tree 51' in circumference, measured 4' from the ground, from the undercut to the ground is 10'

***We are Specialists in British Columbia Forest Products***

**WE HANDLE "THE BEST IN THE WEST"**

If you are interested in Western stock send us your enquiries. We can make quick shipments from our Montreal stock



**O**UR requirements of each sale is that it shall solidly establish a permanent friendship.

## The A. E. Gordon Lumber Co.

705-6 Confederation Life Building

Branch Office:

507 Pacific Bldg., Vancouver, B.C.

TORONTO, ONT.

Phone Adel. 4281



# QUALITY LUMBER

## A Service that Fits Buyers' Requirements

**N**O matter where you are located or the extent of your requirements, we are always ready to serve you promptly, with a quality of stock that is guaranteed to give satisfaction. Our specialties:

WHITE PINE, RED PINE, JACK PINE, SPRUCE, HEMLOCK, HARDWOODS, B.C. LUMBER and TIMBER. Straight or Mixed carloads.

Drop us a line now for quotations. Our constant aim is to make our service fit buyers' requirements as closely as possible; all we ask is the opportunity to prove it.

## The Fesserton Timber Co. Limited

15 Toronto St.

MAIN 795-6

TORONTO

Western Office, Winch Building, Vancouver, B. C.



# EDWARD CLARK & SONS LIMITED

807 Bank of Hamilton Building - Toronto

## Hardwood Lumber

### SPECIALTY



### BIRCH

Because of its extreme hardness, great strength and rare beauty, Canadian Birch is today being used where formerly higher priced imported woods were thought necessary. The mills are now sawing and now is the time to let us quote on your requirements

*Correspondence  
Invited*

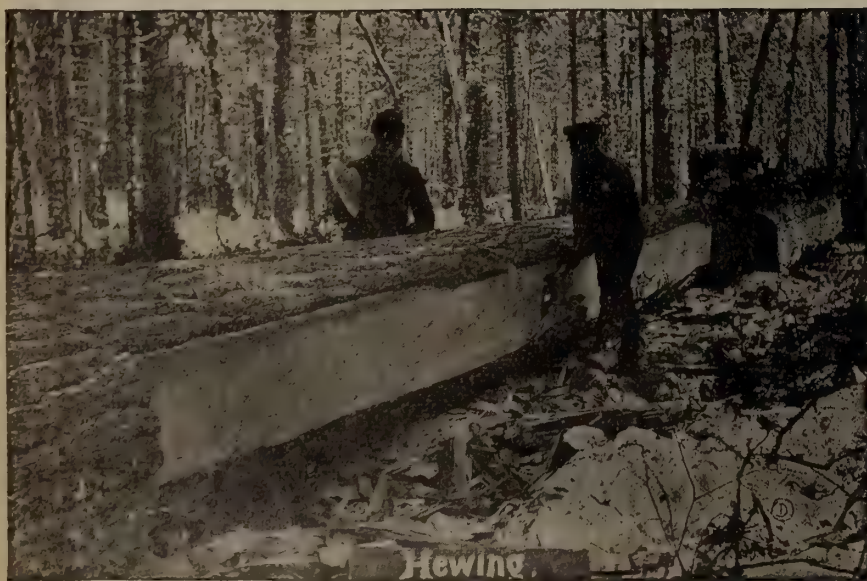
for this year. If you need special sizes let us saw it to your order.

We have on hand for immediate shipment, 4 cars of 8/4 F.A.S. Birch. This stock is bone dry, well manufactured, and contains good widths and lengths.

## EFFICIENCY, COURTESY AND SERVICE

# ONTARIO

## Canada's Banner Province



Ontario's timber production last year valued at \$26,774,937 or 40% of Canada's total output.

Pine production,	905,442,000 ft. B.M
Pulpwood,	246,282 cords.
Railway Ties,	5,704,459.

Ontario's woodworking industries, using 34 different kinds of wood, provide a ready market for the lumberman. Eighty-two per cent. of lumber used in Ontario's industries purchased within the Province.

Ontario's vast resources offer unsurpassed opportunities to the lumberman.

For maps and full information regarding Ontario, apply to

**HON. BENIAH BOWMAN,**

*Minister of Lands and Forests*



# Do Your Customers Come Back?

*They Will If You Sell*

## **HOCKEN**

### **RED & WHITE**

## **P I N E**

'Way up in the LaCloche Hills District, there is a patch of White Pine that is the envy of all who know it. For several years, it has been yielding timber of such quality and so free from defects that the names "Hocken" and "Pine" have been inseparably linked together. To preserve the full beauty of the lumber, we take unusual care in its manufacture and it comes to you as perfect as pine can be.

*Place your next order with us.*

# **Hocken Lumber Co., Limited**

Phone Main 3153

630 Confederation Life Building, TORONTO





Showing the modern plant of Letherby & Chew, Limited, at Midland, Ontario

# LETHERBY & CHEW, LTD.

(Successors to CHEW BROS.)

MANUFACTURERS OF

## White & Red Pine & Spruce Lath and Pickets

We are now prepared to give you an unexcelled service in any of the above products. We are operating some particularly fine limits at the present time and our lumber is of exceptionally high quality.

### MIDLAND

### ONTARIO



Panoramic view of the mill property of Letherby & Chew, Limited, at Midland, Ontario, taken from the elevator and showing the extensive yards





# British Columbia No. 1 & 2 Clear Fir

**We have the following cars in transit from British  
Columbia Mills Timber and Trading Co.  
Vancouver, B. C.**

## **Car Code A**

1 x 4"—8/18 V Joint .....	10,000 ft.
1 x 4"—8/18 Angle Grain Flooring .....	15,000 ft.
5/8 x 3"—8/18 V Joint .....	5,000 ft.
5/8 x 4"—8/18 V Joint .....	10,000 ft.
	<u>40,000 ft.</u>

## **Car Code B**

5/8 x 4"—8/18 V Joint .....	20,000 ft.
1 x 4"—8/18 Angle Grain Flooring .....	10,000 ft.
1 x 10"—8/18 B. N. Base .....	1,000 ft.
	<u>31,000 ft.</u>

## **Car Code C**

5/8 x 4"—8/18 V Joint .....	10,000 ft.
1 x 3"—8/18 Angle Grain Flooring .....	12,000 ft.
1 x 8"—8/18 B. N. Base .....	1,000 ft.
1 x 10"—8/18 B. N. Base .....	1,000 ft.
	<u>24,000 ft.</u>

**This is all quality brand stock. Better take in  
one of these cars now. The purchase cannot  
be duplicated on the market today.**

***Telephone (our expense) for Prices***

**TERRY - NICHOLSON - CATES  
LIMITED**

(Successors to Terry & Gordon, Limited)

**703-04 Confederation Life Bldg., Toronto**

Ontario Representatives for  
THE BRITISH COLUMBIA MILLS TIMBER AND TRADING CO., VANCOUVER, B.C.



# Geo. Gordon & Co.

Limited

CACHE BAY - ONTARIO

*Manufacturers of*

## WHITE & NORWAY PINE

Lumber, Dimension Timber  
Lath, Shade Roller Pickets

*Planing Mill in Connection*

## LATH and LUMBER

WHITE PINE  
NORWAY PINE

Shevlin - Clarke  Company Limited

FORT FRANCES, ONT.

Manufacturers  
and Wholesalers

Prompt Shipment.  
Attractive Prices.



# FRASER COMPANIES, Limited

Bleached Sulphite Pulp Mill. Saw Mills (all Band Saw Mills). Shingle Mill

HERE THEY ARE ON THE MAP



## Mills and Railway Connections

Saw and Shingle Mills	Railway Connections
Cabano, Que . . . . .	Temiscouata Ry.
Notre Dame du Lac, Que. . . . .	Temiscouata Ry.
Glendyne, Que . . . . .	C. N. Ry.
Estcourt, Que. . . . .	C. N. Ry.
Sully, P.Q. . . . .	C. N. Ry.
Edmundston, N. B. C.P.R., C.N.R. and Temiscouata Ry.	
Magaguadavic, N.B. . . . .	C. P. R.

Saw and Shingle Mills	Railway Connections
Baker Brook, N. B. . . . .	C.N.Ry., Temiscouata Ry.
Plaster Rock, N.B. . . . .	C. P. R.
Summit, N. B. . . . .	C. N. R.
Fredericton, N. B. . . . .	C.P.Ry and C.N.Ry.
Nelson, N. B. . . . .	C. N. Ry.
Campbellton, N. B. . . . .	C. N. Ry.

Bleached Sulphite Mill, Edmundston, N. B. . . . . Railway Connection, C.P.R., C.N.R. and Temiscouata Ry.  
Sulphite Mill, Chatham, N. B. . . . . Railway Connection, C. N. R.

Bleached Sulphite.

Rough and Dressed Spruce.

White Cedar Shingles.

Railway Ties

Piano Sounding Board Stock a Specialty.

Selling and Purchasing Offices :--

EDMUNDSTON, N. B.



Herbert F. Hunter, Vice President  
**The Hunter Lumber Company, Inc.**  
 New Britain, Conn.

## WHOLESALE LUMBER

Correspondence solicited with parties having spruce and pine ready to ship, and to be milled the coming season. Will furnish schedules. Give your Cash Prices delivered Boston and Connecticut points.

## British Columbia Lumber, Timbers and Shingles

*Direct from best mills*

Transit Shingle cars shipping daily. Write for prices. Quick delivery. We have cars of Boards and Shiplap in transit. Reasonable prices.

*Write me for anything you require.*

**D. WILLIAMS** - -  
 40 Major Street, - -

*Wholesale  
 Commission Dealer*  
**TORONTO**

Phone Trinity 5456

## *Canadian Tie and Lumber Co.*

LIMITED

511 Temple Building,  
 Toronto, - Ontario

Phone Main 1151.

Cutting Capacity 300,000 Ft. per Day

# J. J. McFADDEN LIMITED

Red & White Pine **LUMBER** In Any Quantities

The above is supplied by us in all standard grades and dimensions. All lumber is of guaranteed quality and grade as ordered.. Our location and facilities enable us to give our patrons the utmost in service and prompt shipments.

**Mills at:** - **SPRAGGE, ONT. & BLIND RIVER, ONT.**



# A Source of Constant Supply

is at your disposal for  
spring activities. We  
have large stocks ready  
for delivery in the follow-  
ing lumber:

Pine, Spruce  
Hemlock, Hardwoods  
B. C. Lumber  
and Timber

Let us take care of your requirements  
and so be sure of an all-round, far-reach-  
ing service, with the highest quality of  
lumber that is cut well, manufactured  
well and piled well.

**G. A. GRIER & SONS, Limited**  
MONTREAL *Established 1871* TORONTO

Head Office: 1112 Notre Dame St. West

22 Royal Bank Chambers, 454 King St. West

*We have absolutely no connection with or interest in any other firm bearing a name similar to ours*





## Hardwoods Wanted

We are in the market for  
Birch, Maple and Basswood  
for immediate shipment.

**The Kinnon Lumber Company Ltd.**  
454 King Street, West      TORONTO

## JAMES C. McCUAIG & CO.

Lumber, Logs, Telephone,  
Telegraph Poles  
Railway Ties, Pulpwood

410 Union Bank Building  
**OTTAWA      ONTARIO**

## Good Will

—a mighty valuable asset to  
your business and something  
that cannot be built up in a  
few days. It is the result of  
painstaking efforts to give the  
customer just a little more  
than he expects—keeping the  
quality of your products  
standard—and backing up  
every word of your advertise-  
ments. In short, it's Service  
—Real Service—that builds  
Good Will.

## FRASER BRYSON LUMBER CO., Limited

Office : Fraser Building,  
53 Queen Street      OTTAWA, Can.

*Wholesale Lumber Dealers  
and Selling Agents for*

## FRASER & CO. Manufacturers

**White Pine, Red Pine,  
Spruce, Hardwood  
Lumber and Lath**

## R. Imrie Lumber Company

18 Toronto Street, Toronto

Phone Adelaide 580

We offer for quick shipment the following:

### 5TH & BTR. SPRUCE & JACK PINE

1 Car 1 x 3 & up—abt. 15% 3"—2 cars 2 x 3 & up ) Dry Stock  
2 " 2 x 3 (scant) 1 car 1 x 3 )

### SOUND WORMY & M.C. SPRUCE & JACK PINE:-

3 cars 1 x 3 & up 1 car 2 x 3 & up—Dry stock.

### 1922 CUT MILL RUN NORWAY PINE:-

Abt. 49,000 ft. 1 x 4 & up—29,000 ft. 1 x 4 & 5  
11,000 1 x 6 —23,000 2 x 4  
55,000 2 x 4 & up—58,000 2 x 6  
50,000 2 x 8 —22,000 2 x 10 & 12  
12,000 3 x 8 —24,000 8 x 8  
2" 3" and 8 x 8 very heavy to 16 ft. evens lengths & widths.

### 1922 CUT MILL RUN WHITE PINE:-

Abt. 25,000 ft. 1 x 4 & up—65,000 ft. 2 x 4 & up  
7,000 1 x 4 & 5 —4,000 2 x 4  
6,000 2 x 8 —7,000 2 x 10 & 12  
6,000 1 x 8 & up—24,000 2 x 4 & up Mill Culls.

PRICES ON COAST AND MOUNTAIN STOCKS ON REQUEST

## Gregertsen Brothers Co.

McCormick Building  
**Chicago, Ill.**

Yards and Planing Mill at Cairo, Ill. where we  
carry four million feet of high grade Cypress for  
quick shipment.

*We are the Cypress Specialists*



## ***You Buy to Sell Again***

If Saleability is what you are looking for, why not choose the lumber with a reputation for its saleability? **D'Auteuil Lumber**

# **PULPWOOD**

**Lumber**

**Laths**

**Ties and Shingles**

*Write us for quotations  
and full details*

**The D'Auteuil Lumber Co.  
LIMITED**

81 St. Peter Street, Quebec





**Lumber**  
**Cedar Shingles      Kraft Pulp**

*EASY BLEACHING SULPHITE PULP*

SPRUCE AND WHITE PINE

**The Bathurst Company Ltd.**  
**BATHURST, N. B., CANADA**





# MASON, GORDON

## & Company Limited Wholesale Forest Products

Pacific Building  
Vancouver, B.C.

80 St. Francois Xavier St.  
Montreal, Que.

### British Columbia Fir & Cedar

Timbers Any Size Any Length  
Lumber Any Grade Dressed or  
Rough

Mouldings Gutter, etc. etc.  
Shingles All Grades—Either Pack  
Cedar Poles Butt Treated or Pl in

### Ontario & Quebec

White & Red Pine & Spruce

### White Oak

Large and Long Timbers a Specialty

### Southern Pine

Timbers and Lumber

Carloads or Cargoes

WRITE  
PHONE  
WIRE

Us



# Dressed Jack Pine and Spruce Sized Hemlock LATH

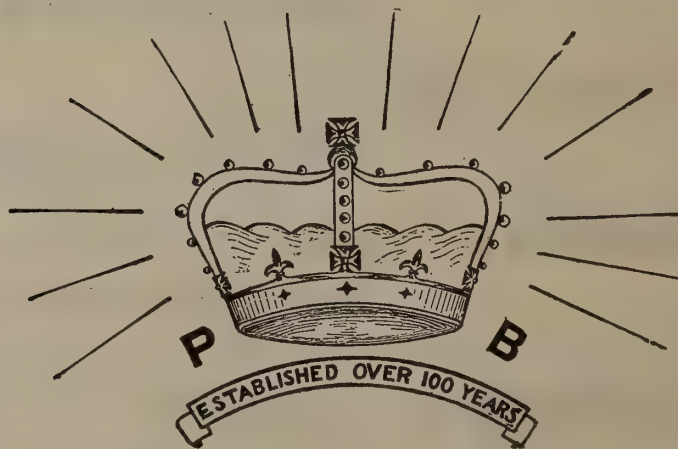
WHITE PINE

RED PINE

## LARKIN LUMBER COMPANY LTD.

236 CONFEDERATION LIFE BLDG., TORONTO

CABLE ADDRESS "PRICE"  
CODES—A.B.C. AND LIEBERS



### *Price Brothers & Co Limited*

MANUFACTURERS OF

NEWSPRINT PAPER	:	PULPWOOD
CARDBOARD	:	SPRUCE LUMBER
SULPHITE	:	LATH and TIES
GROUNDWOOD PULP	:	CEDAR SHINGLES
FOURDRINIER SPECIALTIES		

PAPER AND PULP MILLS

Kenogami Jonquiere

Head Office, Quebec

SAW MILLS

on North and South Shores of  
the St. Lawrence and  
The Saguenay



# Thurston-Flavelle, Limited

MANUFACTURERS OF

## British Columbia Red Cedar Exclusively Cedar Bevel Siding, Finish, V-Joint and Mouldings

Our Shingles are all Packed by the 'Thousand'

Straight or mixed cars with XXX and XXXXX Shingles.

Stocks carried at Lindsay, Ont., for quick shipment

Ontario Agents:

Gull River Lumber Co., Ltd., Lindsay, Ont.

Quebec and Maritime Provinces Agents:

Rose-McLaurin Limited, 2 Toronto St., Toronto.

Full particulars from our Eastern Agents.

**Head Office and Mills, Port Moody, B. C.**

## Service on Your Lumber Requirements for Spring

We invite you to call on us for quotations on your requirements and can assure you that your inquiries and orders will receive our prompt and careful attention. You will find us both willing and able to satisfactorily serve you.

We are in a position to supply you with stock, the quality of which will highly please both you and your trade.

## APEX LUMBER COMPANY, LTD.

Ontario Representative: J. D. Robinson, Room 5 Imperial Block,  
Walkerville, Ont.

**Vancouver, B.C.**

## Gloucester Lumber & Trading Co.

Manufacturers of

### SPRUCE AND PINE LUMBER, LATH SHINGLES AND RAILWAY TIES

*Quality*

Well Graded  
and  
Manufactured

*Service*

Prompt  
and  
Reliable

Mills at Bathurst, N.B., Burnsville, N.B.

Head Office:—Bathurst, N.B.



THE  
**Montreal Lumber Co.**  
Limited  
**WHOLESALE  
LUMBER**

759 Notre Dame St. W., Montreal

W. K. GRAFFTEY,  
President and Managing Director.

**DR. BELL'S**  
**Veterinary Wonder Remedies**  
50,000 one dollar (\$1.00) bottles Free  
to horsemen who give the Wonder a fair  
trial. Guaranteed for Colic, Inflamma-  
tion of the Lungs, Bowels, Kidneys,  
Fever, Distemper, etc. Send 25c for  
Mailing Package, etc. Agents wanted.  
Write your address plainly. DR. BELL,  
V.S., Kingston, Ont.



**Know  
Your  
Market**

A timely knowledge of Cana-  
dian construction activities gives  
the lumberman a point of van-  
tage from which to conduct his  
sales.

The Contract Record will keep  
you posted on construction un-  
dertakings large and small.

The subscription price is \$3.00.

Send to

**Contract  
Record**  
and Engineering Review  
347  
Adelaide Street West,  
Toronto, Ont.

# LUMBER

## Wanted

### Mill-cuts in

## W. Pine Hemlock

## Birch

## Elm

## Maple

## C. G. Anderson Lumber Company, Limited

Manufacturers and Strictly Wholesale  
Dealers in Lumber

SALES OFFICE

705 Excelsior Life Building  
Toronto

### BELTING

All kinds of new and used Belting  
Shipped subject to approval, at  
Lowest Prices in Canada

**YORK BELTING CO.**  
115 York St. Toronto, Ont.

### JACK PINE

### HEMLOCK

### SPRUCE

**JAMES R. SUMMERS**

Wholesale Lumber

95 King St. East TORONTO, Ont.  
Main 7329

### HICKORY AXE HANDLES

Made From the Best Canadian

### HICKORY

Quality, Shape and Finish Unexcelled

**St. Marys Wood Specialty Co. Ltd.**  
St. Mary's, Ontario, Canada

High Grade Wood Specialties Ball Bats  
Handles and Hardwood Lumber."

### BELTING FOR SALE

We have a large quantity of Second-  
Hand Rubber and Leather Belting in  
all sizes and plys up to 24 inches in  
width, which we can sell at interesting  
prices. Send us your requirements

**N. SMITH**  
138 York St. - Toronto, Ont.

### Robt. Coltart & Co.

Royal Liver Building

Liverpool England

Agents for the sale of  
Pine, Spruce and Hard-  
woods. Correspondence  
invited.

Cables—"COLTART" Liverpool

### Cant & Kemp

52 St. Enoch Square

GLASGOW

### Timber Brokers

Cable Address, "Tectona," Glasgow  
A1 and ABC Codes used

### FARNWORTH & JARDINE

Cable Address: Farnworth, Liverpool

**WOOD BROKERS  
and MEASURERS**

2 Dale Street, Liverpool, and  
Seaforth Road, Seaforth, Liverpool,  
England



# Quick Action

You  
Can  
Have  
It

Try the Canada Lumberman Wanted and For Sale Department. Have you anything you wish to buy or sell in the Lumber Industry? You will find this department inexpensive, and a very effective business getter.

Our Classified Advertisers do not repeat the ad, often. They don't have to. They report immediate results. Use these columns to your own advantage.

**CANADA  
LUMBERMAN  
and WOODWORKER**  
347 Adelaide St. W.  
TORONTO



## DON'T BE SURPRISED

WHEN YOU GET YOUR CAR ON TIME  
IF WE SAY TRANSIT, WE MEAN ROLLING

### R. G. CHESBRO

Bank of Hamilton Bldg. - Toronto

## Canadian Hardwoods and Softwoods

in Stock for Quick Shipment

We Specialize in  
**CANADIAN BIRCH  
& MAPLE**  
and West Virginia  
Chestnut

These products are all well manufactured and carefully graded. Prices at present are attractive and we are able to make prompt delivery.

Get our quotations on your requirements.

### PERCY E. HEENEY

Kitchener, Ont.

#### LUMBER WANTED

We are in the market for a block of Spruce and Hemlock, inch and 2" Merchantable and No. 2, also Pine Mill Culls. In writing quote your lowest price.

The Foley Lumber Co.,  
18 Toronto Street,  
Phone Main 2746 Toronto, Ont.

Manufacturers of

**WIRE** For TYING, BUNDLING  
and many other purposes  
NAILS

**LIDLAW BALE TIE CO., Ltd**  
HAMILTON, ONT.

#### SAVAGE & BARTLETT

FOREST ENGINEERS

Timber Estimates, Maps, Topographic  
and Boundary Surveys

15 State St., BANGOR, MAINE

#### W. Y. LLOYD

350 Confederation Life Building,  
TORONTO, Ont.

Dealers in Eastern and Western  
**Canadian Softwoods**

Pine, Spruce, Fir, Hemlock  
Lath and Shingles.

*Soliciting enquiries.*

Twenty Years Experience

**Timber Estimates**

Reports Maps

**James W. Sewall**

Forest Engineer

Old Town, Davidson Bldg.,  
Maine. Washington, D.C.

*Largest Cruising House in America.*

#### SPECIALTIES

Sawed Hemlock  
Red Cedar Shingles  
White Pine Lath  
Bass and Poplar Siding

**James Gillespie**

Pine and Hardwood

### Lumber

Lath and Shingles

North Tonawanda, N. Y.





Loading Lumber for Export Trade at the Company's Docks Restigouche, Que.

We are large exporters of  
**SPRUCE LATH**  
**CEDAR SHINGLES**  
**CEDAR TIES**

to the South American and British Trades

*Our docking, shipping and handling facilities are un-  
excelled. Correspondence invited from overseas buyers*

**CHALEURS BAY MILLS**

Main Office and Mills at  
Restigouche, Que.

American Office  
40 Court St., Boston, Mass.



# International Land & Lumber Company Limited LUMBER AND RAILWAY TIES

Limits and Mills: ST. FELICIEN, LAKE ST. JOHN DISTRICT, QUEBEC

## "LOOK

Dry Jack Pine Flooring, V Sheeting & Etc.

1 Million feet of 1 x 4 and 5-10-16 feet Common and Better—Excellent Mill work at Shipping point.

## ALSO

Assorted stocks of Hemlock, Spruce and Pine.

## MILLMEN

We are always open to buy cuts of Spruce, Hemlock and Pine."

# ARTHUR N. DUDLEY

Manufacturer and Wholesaler

108-109 Stair Building,

TORONTO, ONT.

TELEPHONE MAIN 6368



# MIXED CARS

We operate our own remanufacturing plant which enables us to offer a *Better Service* on your orders for *British Columbia Lumber* and *Red Cedar Shingles*.

*Underhill*  
LUMBER CO. LTD.

Vancouver, B. C.

Fir Flooring	Hemlock Bevel
Fir Ceiling	Siding and Finish
Rough Clear Fir (Kiln Dried)	Red Cedar
Casing and Base	Bevel Siding and
Finish S. 4 S.	Shingles.



# Dry Hemlock, Spruce and Pine

In all dimensions

1920-1921-1922 cut

Ontario and Quebec stock

## TIES AND PILINGS

Also PINE, SPRUCE and HEMLOCK LATH

*All for immediate shipment.*

# Big Bear Lumber Company

Telephones Main 651-1218-1219.

Suite 208 Excelsior Life Building, Toronto, Ont.



Phone Adel. 7718

302 Brass Bldg.

**Cedar Shingles****Western Fir, Spruce and Pine**

All Dimensions All Grades

Old Growth Soft Yellow Fir in Rough Clears

**Southern Yellow Pine**

Canadian Representatives of

Cantrell Lumber Co., New York

Handling the product of several leading Southern Pine Mills. Send us your inquiries for B and Better finish and Rough or sized dimension.

**J. L. Nevison & C. J. Brooks, Toronto, Ont.****Watson & Todd Limited**  
**OTTAWA****WHITE PINE****RED PINE****SPRUCE**

Registered



Trade Mark

**Rideau Club Building**  
Cor. Wellington and  
Metcalf Sts.

Registered



Trade Mar

**We are always in the market to buy Soft Elm, Maple, Birch and other Hardwoods. Also Spruce, Pine, Poplar or Balm for crating.**

**Established Twenty Years**

**Liberal Prices      Fair Inspection**  
**Prompt Payment**

*We have a good Stationary Saw Mill complete with power for sale, capacity 15 to 20 M. per day. Write us for particulars.*

**The Manufacturers' Lumber**  
Company Limited

Stratford - Ont.

**BARGAINS IN**  
**Standing Timber**

**A**LL our remaining timber lands and town property situated in the town of Parry Sound are offered for sale by us. The special prices at which these are being sold makes early enquiries advisable.

Good bargains are still obtainable in the Townships of Christie, Allen, Secord, Falconbridge and Street. May we send you full particulars?

**The Parry Sound Lumber Co.**

26 Ernest Avenue

LIMITED  
Toronto, Ont.**New Ontario Colonization Co., Ltd.**

MANUFACTURERS

**SPRUCE AND JACK PINE****Tamarack****Poplar****Rossed Pulpwood****Lath**

**Sales Office: BUFFALO, N. Y.**  
503 Niagara Life Bldg.

**Mills: JACKSONBORO, ONT.**  
Transcont. Div. Can. Nat. Rys.

Kindly address all inquiries care department "A"



# British Columbia Lumber

*"Manufactured in Modern Mills"*

Quality Lumber in all Grades and Sizes

Specialties:—

Fir Cross Arms

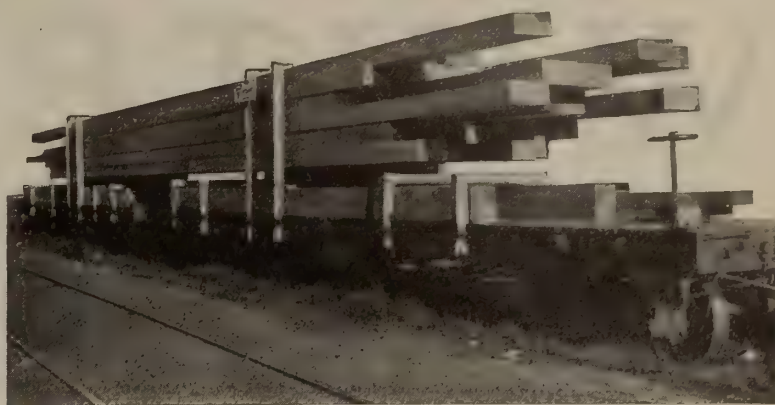
Spruce Box Shooks

Klin Dried Finish & Flooring

Rail Shipments to all parts of Canada  
and United States

## Cameron Lumber Co., Ltd.

Office & Mills - VICTORIA, B. C.



## Let us Serve You!

Long Timbers  
Deep and Heavy Joists  
Special Industrial Items

Rough—any size up to 110' long,  
S4S up to 16x20 x 100'

## Timberland Lumber Co., Limited

New Westminster, B. C.

Mills: South Westminster—Logging Camps: Ladysmith, Vancouver Island.  
Shipments over all railways.

LUMBER OF ALL KINDS

# SANTERRE

AND

# PINEAU

Rimouski, Quebec

*Manufacturers and Wholesalers of Lumber*

Quality Service, and Delivery Guaranteed

MILLING IN TRANSIT A SPECIALTY

# Sidney Mills Ltd.

SIDNEY, BRITISH COLUMBIA

Manufacturers of Fir, Hemlock, Cedar  
and Spruce Lumber.

Rail and Cargo Shipments.

Selling Agents :

## McElroy Lumber Co., Limited

(G. H. Walton J. Lightbody D. A. Matthew)

Exporters and Shippers  
of

Mixed and Straight Cars of  
all B. C. Forest Products

VICTORIA, B.C.

Ontario Representative :

J. L. NEVISON & C. J. BROOKS,  
7 Adelaide St. W., Toronto, Ont.  
Phone Adel. 7718





# WHITE PINE

All

Grades and Sizes

30

Million Feet

In Stock

For Immediate Shipment

Stocks at

Pakesley

and

Victoria Harbour

*Write for Quotations*

**SCHROEDER  
MILLS AND TIMBER CO.**

Frank J. Archibald, Sales Representative  
Room 305 Stair Bldg. 123 Bay St., Toronto, Ont.

ESTABLISHED 1893

INCORPORATED 1916

**ROBERT BURY  
& COMPANY**

(CANADA), LIMITED

1 Spadina Avenue Toronto

Our Dry Kilns have a capacity for drying 200,000  
feet per month. We will dry your transit cars.

All Canadian and American  
Hardwoods

MAHOGANY

WALNUT

VENEERS AND PANELS

of every description

## *THIS WEEK'S SPECIALS*

Car 6/4 FAS Chestnut.

" 4/4 " "

" 4/4 " Qtd. White Oak, Wide Stock.

" 4/4 " Fig. Honduras Mahogany.

" 4/4 " Walnut.

## VENEERS

MAHOGANY, OAK, WALNUT, GUM,  
BIRCH, BASSWOOD, ASH, MAPLE, and ELM

Log run or cut to dimension

## PANELS

BIRCH, BASSWOOD, ASH, MAPLE, ELM, FIR,  
MAHOGANY, WALNUT, OAK and COTTONWOOD

**We Specialize in Mixed Ship-  
ments of Dry Hardwoods,  
Veneers and Panels**

*This is a good time to conserve your cap-  
ital by making purchases in  
this manner*



# Hardwood Lumber

**All Kinds**

**All Thicknesses**

**All Grades**

We handle all kinds of hardwood lumber and have the manufacturing and shipping facilities to guarantee satisfaction on every order. Quotations will be sent promptly on request.

***Our specialty is Birch***

## **Anderson, Shreiner & Mawson**

ROOM 411, COLONIAL BLDG., 11 KING ST. WEST, TORONTO

Write, Wire or Phone Adel. 8085

MILL AT  
KING LAKE, ONT.

MILL AT  
EAGLE LAKE, ONT.

***It's the Service that Counts Every Time***

### **MILLING IN TRANSIT**

A Modern Mill—Completely Equipped,  
Efficiently Manned—C.P., G.T. and C.N.  
Railway Connections

**EMPIRE BRAND  
HARDWOOD FLOORING**

**J. R. EATON & SONS  
LIMITED**

Office and Factory: Orillia, Ont.





# GEORGE MASON & COMPANY

(Successors to Manley Chew)

MANUFACTURERS OF

**Pine—Maple—Beech—Basswood  
Lumber—Lath**

WE INVITE YOUR ENQUIRIES

Mills at Midland, Ont., Thunder Bay, Ont.      Head Office :—Midland, Ont.

**Keep Your Customers Sold**

On Your Lumber Service

*Sell Them Our*

**RED AND WHITE  
PINE**

Box and Crating Stock, Lath and Shingles

**KEEWATIN LUMBER COMPANY, LTD.**  
KENORA      ONTARIO

**F. W. Brennen & Sons**

474 Main St. East

Hamilton, Ont.

Wholesale

**LUMBER  
LATH--SHINGLES**

We have what you want:      Write us for quotations

**A. T. DADSON**

Wholesale Lumber Broker

350 CONFEDERATION  
LIFE BLDG.

**TORONTO**

Telephone  
Main 1892

Would be glad to hear from manu-  
facturers and wholesalers with  
particulars of stock of Lumber and  
Lath.

We are  
Exclusive handlers of the Celebrated

**"VELVET BRAND"  
SHORT LEAF YELLOW PINE**

— The softest that grows —

Steam Dried or  
Smoke Dried

Inquiries invited  
Prompt Shipments

**Russell Harris Lumber Company**  
34 Victoria Street, Toronto.      Telephone Main 4700

**The D'AUTEUIL LUMBER CO., Limited**

81 St. Peter Street,  
QUEBEC

**Pulpwood, Lumber,  
Spoolwood,  
Ties and Shingles**



# Factory Trade

Are your Factory Stocks running low?

I have some handsome lines in the following

## Sash and Door Stock

5, 6, and 8/4 4 and up 6/11 White Pine

5, 6, and 8/4 4 / 7 12/16 " "

5, 6, and 8/4 7 and up 12/16 " "

*Send us your inquiries.*

For personal service, close prices, and prompt shipment,

WRITE

**J. C. BARTRAM**  
JACKSON BLDG., OTTAWA



## Enticing Values

A reputation for giving greater-than-ordinary values is already being built up by this newly established firm.

Before you place an order for Hemlock, Jack Pine or Spruce, let Linton forward you the latest quotations.

**LINTON LUMBER COMPANY**  
306 Kent Building - Toronto  
Phone: Adelaide 3607

President:  
Sir William Price

Established  
1882

Vice-Pres. and Gen'l Manager  
Alfred S. Gravel

# SPRUCE

and

# Hardwood

If its good **Quebec Spruce** you want we have it ready for prompt shipment.

Mail us your inquiries.

We also specialize in **Hardwood Flooring**.

**The Gravel Lumber Co., Ltd.**  
*MANUFACTURERS and WHOLESALERS*

Mills and Head Office  
Etchemin Bridge,  
Quebec

Selling Office:  
Room 501 Drummond Bldg.,  
Montreal

## DRY PINE

### SCARCE

#### 1921 CUT AT OTTAWA

Guaranteed not more than 15% Box

150,000'	1 x 4	10/16'	Mill Run	White Pine.
75,000'	1 x 6	"	"	"
20,000'	1 x 8	"	"	"

#### 1922 CUT AT GOGAMA

50,000'	1 x 4	10/16'	Mill Run	White Pine.
20,000'	1 x 5	"	"	"
100,000'	1 x 6	"	"	"
30,000'	1 x 7	"	"	"
30,000'	1 x 8	"	"	"
15,000'	1 x 9	"	"	"
30,000'	1 x 10	"	"	"
40,000'	1 x 12	"	"	"
18,000'	5/4 x 6	"	"	"
20,000'	5/4 x 8	"	"	"
20,000'	5/4 x 10	"	"	"
20,000'	5/4 x 12	"	"	"
150,000'	2 x 8	"	"	"
150,000'	2 x 10	"	"	"
100,000'	2 x 12	"	"	"

**The Long Lumber Company**  
TORONTO OFFICE: - - - - HEAD OFFICE:  
25 Toronto Street - - - - Hamilton, Ont.



## Canfield - Wilmot

LIMITED

**Wholesale Lumber**
**Woodstock - Ontario**
**Specialists in B. C. Lumber**
**B.C. PRODUCTS ALWAYS IN TRANSIT**

## ROSE-McLAURIN

LIMITED

**1226 Bank of Hamilton Building TORONTO**

Phone Main 6752

*We Specialize in*
**British Columbia Lumber and  
Timber and Red Cedar Shingles**
*Let us quote you. Our prices are right*

We also handle the well known

**"TEN-TEST" SOLID FIBRE BOARD**

## A Permanent Lumber Service

**A**FTER several years of inactivity we are now cutting on our modern fully equipped mills at Manistique and Little Lake, Upper Michigan. The timber behind these mills was purchased many years ago by the Stack interests from the then "unlimited" supply. Its quality, particularly the maple and birch, is the envy of northern mill men among whom this tract is famous.

This timber will run the mills to full capacity for fifteen to twenty years. The 40,000,000 feet annual cut will run:

15,000,000 ft. maple annually  
6,000,000 ft. birch annually  
2,500,000 ft. beech annually  
2,500,000 ft. elm annually  
900,000 ft. basswood annually  
200,000 ft. ash annually  
6,000,000 ft. hemlock annually  
3,000,000 ft. white pine annually

the balance in Spruce and Tamarack.

Our exceptional service, grades, and manufacture will be maintained.

"Low freight rate shipments by water to Toronto, Montreal, Owen Sound, Port Arthur, and other Great Lakes and St. Lawrence River Ports. Conveniently located also for rail shipments to inland points by C.P.R. or Soo line."

We will be pleased to hear from old friends and from new ones who can understand and appreciate what permanent connection with such a source of supply would mean.

**STACK LUMBER CO.**
**ESCANABA**
**MICHIGAN**

## W.S. LOGGIE

**and Company, Limited**

*Manufacturers  
of Lumber  
including*

## SPRUCE, PINE and LATHS

**Head Office**
**Chatham, N.B.**
**Mill**
**Inkerman, N.B.**

## The Rat Portage Lumber Co., Limited, Vancouver

MANUFACTURERS OF

**DOUGLAS FIR, SPRUCE AND HEMLOCK**
**FLOORING, CEILING, SIDING, INTERIOR AND EXTERIOR  
FINISH OF ALL KINDS INCLUDING MOULDINGS**
**Rough Kiln Dried and Green Clear Fir in All Sizes**

Boards, Shiplap, and Dimension

**ROUGH TIMBERS UP TO 90 FEET LONG**

**WE SPECIALIZE IN 1/4  
SCANT SIZED DIMEN-  
SION, ALSO DIMENSION  
AND BOARDS IN THE  
ROUGH**



**The Harris Tie & Timber Co., Ltd.**  
**The C. E. Fleming Tie & Lumber Co., Ltd.**  
**The Poupore Lumber Co.**

Railway Ties, Cedar Poles and Posts, Lumber, Lath, Shingles, Pulpwood

197 SPARKS STREET

OTTAWA, CANADA

**H. R. Goodday**

AND COMPANY

EXPORTERS OF

**SPRUCE AND  
PINE**

New Brunswick Agent

F. E. NEALE,

Chatham, N.B.

Head Office: QUEBEC, P.Q.



For Prompt Delivery of  
**Hemlock, Spruce, Lath  
Pulpwood and Hardwoods**

Dressed and Ripped to Order

We specialize in Hemlock and Spruce  
Timbers and have excellent facilities  
for quick shipment—rail or water  
delivery.

*Tell us your requirements*

**Fassett Lumber Co., Limited**  
Fassett, Quebec

**Power Lumber Company Limited**

Successors to River Ouelle Pulp & Lumber Co.

Manufacturers of

**SPRUCE**

**Lumber Lath Pulpwood**

Head Office and Mills at:

**St. Pacome, Que., Canada**

On Can. Nat. Ry. 75 Miles East  
of Quebec City

Also Mills at:

**Lapointe, Riv. Manie, Powerville  
and Ste. Apolline**

On Edmunston Div.—Can. Nat. Rys.



# **WE EXPORT HARDWOOD SPRUCE PINE**

**To British, Continental and American  
Markets**

## **Car Shipments**

in either straight or mixed sizes for  
Upper Canadian and American points  
receive our special service and atten-  
tion.

*Nova Scotia Office*  
**Roy Building, Halifax, N.S.**

**W. Malcolm MacKay, Ltd.**  
**St. John, New Brunswick**

*Brokers for United Kingdom*  
**A. F. & D. Mackay, Royal Liver Bldg. Liverpool, Eng.**

# **Canadian Lumber Company, Limited**

*(Successors to Rufus E. Dickie)*

*Wholesalers and Exporters of*

# **SPRUCE, PINE HEMLOCK and HARDWOODS**

**Birch, Beech and Maple  
also SPRUCE LATH**

We operate a completely equipped dressing and resawing  
plant at Stewiacke, which is on the main line of C.N.R., be-  
tween Truro and Halifax.

Get our price on your requirements.

**Stewiacke, N.S., Canada**

## **The Shrewd Buyer Appreciates "Stalker Values"**

Write us for quotations on the products listed below. You will be surprised  
at the outstanding values they represent.

**B.C. FIR, SPRUCE, PINE LATH,  
SHINGLES AND HARDWOODS**

**DOUGLAS A. STALKER**  
122 Wellington Street **Sherbrooke**

## **Special Notice**

We have purchased all the

# **A X E S**

of the

**National Farming Machinery Co., Ltd.**  
**of Montmagny, Que.**

Can quote very low prices

*Write us for lists and catalogues*

**Floyd-Esbin Co., Limited**  
**611 Canada Cement Building - Montreal**

## **QUICK ACTION**

Can be assured if you will let the CANADA LUM-  
BERMAN "Wanted and For Sale" department  
take care of your miscellaneous business needs.

We receive constant testimony from advertisers  
as to the value they have received from this far-  
reaching and inexpensive method of publicity in  
the lumber trade and allied industries.

Try these columns. The result will surprise you.

**CANADA LUMBERMAN**  
347 Adelaide St. West **TORONTO**



# SCOTT, DRAPER & COMPANY

11 SAULT AU MATELOT STREET, QUEBEC.

## PULPWOOD, LUMBER AND TIES

LET US KNOW YOUR REQUIREMENTS

WRITE, WIRE, OR PHONE

### WILSON BROS.

*Wholesale Lumber*

WOODSTOCK - ONTARIO

All kinds of Sawn Lumber  
Your enquiries solicited.

We are open to consider offers on cuts of Jack Pine, Spruce, Hemlock and White Pine. Also standing Rock Elm. Quote us on any Lath you have to offer.

Can supply No. 1 Com. & Btr. Rock Elm, 4/4, 5/4, 6/4, 8/4 and 10/4. Quotations upon application.

CABLE ADDRESS:  
"LUMBEROLL"

Codes:  
A B C 5th EDITION  
ZEBRA CODE 3rd EDITION

## *The* **Rolland Lumber Co.** LIMITED

WHITE PINE AND SPRUCE

Export and Domestic

62 St. James St. Montreal, Canada

GILLIES BROS., LTD.

BRAESIDE - ONTARIO

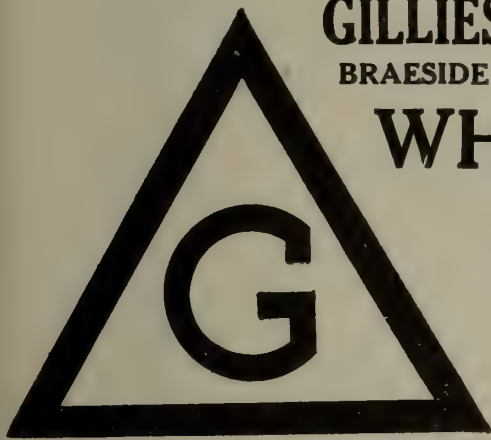
**WHITE PINE**

RED PINE  
SPRUCE

*Dry Stock*

*Well Sawn*

*Prompt Shipment*



**Thompson Heyland Lumber Co.**

123 Bay Street - - - Toronto

*For Sale*

Everything in Dry Hemlock Lumber.  
500 M. 1 x 4 x 5 x 6 in choice Merchantable Spruce.

*Wanted to buy*

2 million feet Spruce, Jack Pine and Hemlock for spring delivery.  
10 000 cords of Spruce and Balsam, peeled pulpwood.  
10,000 cords peeled poplar.  
50 M. Ties in Cedar, Hemlock and Jack Pine.

Will make the necessary advances.

**Greig-Morris Limited**  
Toronto

**Dry Spruce for prompt shipment**

1 x 3, 4 and 5 Merchantable Spruce D1S.  
1 1/4 x 3, 4, 5 and 6 Merchantable Spruce Rough.  
2 x 3, 4, 5 and 6 Merchantable Spruce D1S.  
3 x 3, 4, 5 and 6 Merchantable Spruce Rough.  
1 x 4 & up No. 2 White Pine Mill Culls D1S.

*We are always pleased to have your enquiries*

Open to purchase Mill cuts of Hardwoods also Hemlock and Spruce.



# G. Mason & Co.

OWNERS

OF  
THE  
FINEST  
AND

Midland, Ont.  
Mch. 15/23.

Gentlemen:

We expect to start sawing operations about April 24th, 1923. Our lumber this season will consist of White and Red Pine, Spruce, Maple, Beech, Birch, and Basswood, also Lath.

Our cut will be approximately 30 million feet.

We shall be pleased to hear from any readers who may be interested in any of the above.

Yours faithfully,  
G. M. & Co.

BEST  
EQUIPPED  
MILL  
ON GEORGIAN  
BAY

Midland  
Ont.



*“Well Bought is Half Sold!”*

**New Planing Mill**  
**at**  
**Byng Inlet**  
**now operating.**

From our large stock  
of

**Dry White Pine**  
**and**  
**Norway**  
“Sorted for use”

we can supply your needs  
on short notice  
in rough or dressed lumber

**Quality and workmanship**  
**can't be beat**

**Canadian General Lumber Co. Ltd.**  
**FOREST PRODUCTS**

TORONTO OFFICE:— 712-20 Bank of Hamilton Building

Montreal Office:— 514 Canada Cement Company Bldg.

Mills: Byng Inlet, Ont.



## Manufacturers and Wholesalers of Canadian Hardwood and Softwood Lumber

Specializing in Rock Elm, and Oak Ship Timber. Hard Maple, Birch, Soft Elm and Basswood Lumber. We also handle B.C. Fir and Pine in all thicknesses and grades.

To mill men:

We will buy your full cut of Lumber.

Heavy Portable Sawmill with Power, and Camp Equipment for sale. Terms arranged.

# HALL BROS., LIMITED - 300 Crown Office Bldg.

Write

Phone Main 2806  
Phone

or Wire

TORONTO



*"Lumber at first cost"*

## AUSTIN & NICHOLSON LIMITED

CHAPLEAU, ONTARIO

Lumber, Lath, Ties, Pulpwood.

Quick Dressing and Matching in Car Lots  
a Specialty.

Mills at DALTON, NICHOLSON, DEVON

## NORWAY

8000' 4/4" and 10/18' Clear and Clear Face.  
48000' 8/4" Clear and Clear Face.  
16000' 4/4" and 8/4" Clear and Clear Face.  
6 and 8 feet long

## REDWOOD IN TRANSIT

1/2 Car 8/4" No. 1 Shop.  
1/2 " 6/4" No. 1 Shop.  
2 " 4/4", 5/4", 6/4" and 8/4" Clear

Phone or wire at our expense for prices.

**THE EASTMAN LUMBER COMPANY, LIMITED**  
38 Sun Life Building, Hamilton, Ontario Phone Regent 162

## WIRE PHONE OR WRITE

For your supply of

WANEY BIRCH TIMBER  
ROUND BIRCH VENEER LOGS  
HARDWOOD and SOFTWOOD SAWN  
LUMBER

**THE WILLIAM J. MURPHY LUMBER CO.**

55 St. Francois-Xavier St.,

MONTREAL

P.O. Box 2043

Phone Main 8268

# Everything in Lumber

The

**McLennan Lumber Co., Ltd.**

Office and Yard: 21 Dorchester Street W., Montreal

P.O. BOX 1854

PHONE PLATEAU 1300

F. N. Waldie, President.

R. S. Waldie, Vice-President

W. E. Harper, Secretary.

# The Victoria Harbor Lumber Co., Ltd.

Manufacturers of

# Lumber and Lath

Mills at Victoria Harbor, Ont.

HEAD OFFICE,  
12-14 Wellington Street East, TORONTO, ONT.





# The Spanish River Lumber Co. Limited

## LUMBER MANUFACTURERS CUTLER, ONTARIO

WHITE PINE,  
NORWAY PINE,  
HEMLOCK

Shipments  
by Rail  
or Water

## SOUTHERN HARDWOODS Dry Stock at Buffalo for Quick Shipment

WHITE ASH				TENNESSEE SCENTED CEDAR				QUARTERED SAP GUM				QUARTERED WHITE OAK			
1 & 2	Clear	No. 1	No. 2	1 in.	No. 1	No. 2	No. 3	1 & 2	No. 1C	No. 2C		1 & 2	Clear	No. 1	No. 2
3/4 in.	2,000	1,500	2,500	1 1/4 in.	26,200	1,800		4/4	1,800			1/2 in.	6,100	6,300	3,000
1 in.	160,000	15,000	44,000	1 1/2 in.	18,000			5/4	14,000			3/4 in.	3,900	6,300	3,000
1 1/4 in.	49,000	5,000	78,000					8/4	34,000	20,800	300	1/2 in.	2,800	700	800
1 1/2 in.	41,000	11,500	72,000					10/4	8,000			3/8 in.	44,000	5,300	41,000
2 in.	88,500	900	122,000					12/4	300		300	1/4 in.	13,000	14,300	28,000
2 1/2 in.	119,000		29,000									1/2 in.	7,000	500	2,500
3 in.	14,000		5,000									2 in.	5,500		23,000
4 in.	116,000		28,000									2 1/2 in.	1,000		5,700
												3 in.	300		200
												4 in.	600		700
CHERRY				PLAIN RED GUM				PLAIN RED OAK				HICKORY			
1 & 2	Clear	No. 1	No. 2	1 & 2	No. 1	No. 2	No. 3	1 & 2	No. 1	No. 2	No. 3	1 & 2	No. 1	No. 2	No. 3
1 in.	48,000	5,000	112,000	1 in.	94,000	123,000	2,200	1/4 in.	70,000	202,000	1,800	1 in.	1,100	6,000	1,000
1 1/4 in.	19,000		1,000	1 1/4 in.	29,000	23,000	700	1/2 in.	90,000	74,000	21,600	1 1/4 in.	1,100	1,700	2,150
1 1/2 in.	6,200		28,000	1 1/2 in.	24,000	48,000	14,500	1 1/2 in.	36,000	54,000	5,000	1 1/2 in.	41,000	45,000	9,000
2 in.	7,000		63,000	2 in.	4,000	7,300	300	2 in.	40,000	47,200	4,000	2 in.	9,200	24,000	17,200
2 1/2 in.	4,500		3,000					2 1/2 in.	44,000	121,000	26,000	2 1/2 in.	3,000	13,000	5,700
3 in.	21,700		6,500					3 in.	1,500	1,400		3 in.	8,580	7,200	1,700
4 in.	4,300		900					4 in.	94,100	33,000		4 in.	400	375	
									2,600	4,600					
CHESTNUT				FIGURED RED GUM				PLAIN WHITE OAK				BLACK WALNUT			
1 & 2	Clear	No. 1	No. 2	1 & 2	No. 1C	No. 2C		1 & 2	No. 1	No. 2	No. 3	1 & 2	No. 1	No. 2	No. 3
3/4 in.	1,600	3,000		1 in.	18,000	3,000		1/4 in.	108,000	237,000	28,000	1 in.	19,000	21,000	20,000
1 in.	136,000	7,000	196,000	1 1/4 in.	3,000	300		1/2 in.	63,000	25,000	16,200	1 1/4 in.	300	3,600	3,600
1 1/4 in.	26,000	800	27,000	1 1/2 in.	700	200		1 1/2 in.	55,000	2,600		1 1/2 in.	600	700	500
1 1/2 in.	24,700	2,600	86,000	2 in.	1,000			2 in.	30,000	33,000		2 in.	1,900	4,000	3,000
2 in.	11,000		22,000	2 1/2 in.	200			2 1/2 in.	26,000	54,000	7,000	2 1/2 in.		200	
2 1/2 in.	3,000			3 in.				3 in.	3,200	3,200		3 in.	200	330	
3 in.	1,300							4 in.	117,000	45,000	2,000	4 in.	500	1,200	
4 in.	1,500								10,000	41,000	2,400				
									4,500	5,000					
									26,000	17,800					
CYPRESS				QUARTERED RED GUM				QUARTERED RED OAK				BASSWOOD			
1 & 2	Select	No. 1	No. 2	1 & 2	No. 1	No. 2		1 & 2	Clear	No. 1	No. 2	1 & 2	Clear	No. 1	No. 2
3/4 in.	500	1,100	1,500	18" & up	600	600		1/4 in.	1,700	5,700	500	1 in.	156,000	2,600	93,000
1 in.	54,000	116,000	72,000	1 in.	43,000	100		1/2 in.	9,200	9,000	1,400	1 1/4 in.	114,000	7,000	67,000
1 1/4 in.	75,000	16,300	5,000	1 1/4 in.	75,000	89,000		1 1/2 in.	5,900	900		1 1/2 in.	83,000	2,600	61,000
1 1/2 in.	142,000	56,000	2,600	1 1/2 in.	5,000	63,000		2 in.				2 in.	64,500		11,000
2 in.	78,000	52,000	25,900	2 in.	12,000	20,000		2 1/2 in.				2 1/2 in.	55,000		2,500
2 1/2 in.	22,000	9,900	4,700	2 1/2 in.	14,300	5,000		3 in.				3 in.	8,000		6,600
3 in.	15,000	21,000	2,500	3 in.	4,000	400		4 in.				4 in.			1,500
4 in.	9,200	5,000	350	4 in.	2,000	21,000									4,000
					1,400	3,500									200

Also large stock of Brown Ash, Basswood, Beech, Birch, Elm and Maple.

# THE ATLANTIC LUMBER CO. Inc.

310 MANNING CHAMBERS  
TORONTO

MANUFACTURERS SOUTHERN HARDWOOD LUMBER

Head Office: BOSTON, MASS.

Yards: BUFFALO, N.Y.

Mills: KNOXVILLE, TENN., FONDE, KENTUCKY





"It Will Bring You Good Luck"

## The Same Good Lumber The Same Good Service --Since 1877

Try the lucky HORSESHOE BRAND of White Pine, Red Pine, Spruce, Hemlock and Lath.

High in quality, low in price, backed by half a century's manufacturing experience.

The brand with the reputation to maintain,

*May we send you our latest quotations?*

# The C. Beck Mfg. Co., Limited

Head Office: PENETANGUISHENE, ONT.

NOW OPERATING:

AT PENETANGUISHENE: Two Sawmills, Box Factory and Planing Mill

AT TORONTO: Box Factory

## TAKE NOTICE

*You'll need the following  
for your spring trade"*



Dry Hemlock, Spruce and Pine in all Dimensions

Ontario and Quebec Stock

Ties and Pilings

Pine, Spruce and Hemlock Lath

*All for immediate shipment*

1921-22-23 Cut

*The* **BIG BEAR**

**Lumber Company**

After April 1st, we will have for sale 500 head heavy draft horses, twelve hundred to sixteen hundred weight.

Suite 208, Excelsior Life Bldg., Toronto, Ont.

Telephones: Main 1218-1219



# RENFREW BRAND HARDWOOD FLOORING



*The Guaranteed Flooring*

## Renfrew Lumber Company

(Owned and operated by M. J. O'Brien, Limited)

**RENFREW, ONT.**

Sash, Blinds, Doors, Door Frames, Mouldings, Lath, Shingles, Rough and Dressed Lumber

Use this coupon for information on prices  
Renfrew Lumber Company, Renfrew, Ont.

Please send me prices on:  
Oak Flooring .....  
Birch Flooring .....  
Maple Flooring .....  
(Check items in which you are interested)

Name .....  
Address .....

Mouldings .....  
Sash .....  
Doors .....



# Mason, Gordon & Co., Limited

80 St. Francois Xavier St.

(Wholesale Only)

Montreal, Que.

British Columbia Products

White Pine and Quebec Spruce, Fir Doors

(Carload Lots)

Vancouver Office:

Pacific Building

Hubert C. Gordon

Representative

Exclusive Representatives

Quebec and Maritime Provinces

B.C. Mills, Timber & Trading Co.

Vancouver, B. C.

**MK**

## LUMBER

**MK**

**L  
A  
T  
H**

### MUIR & KIRKPATRICK

1325-6-7-8 BANK OF HAMILTON BLDG.

TORONTO, CANADA

MANUFACTURERS AND WHOLESALERS

**L  
A  
T  
H**

**MK**

## LUMBER

**MK**

## BALED SHAVINGS

CAR LOTS

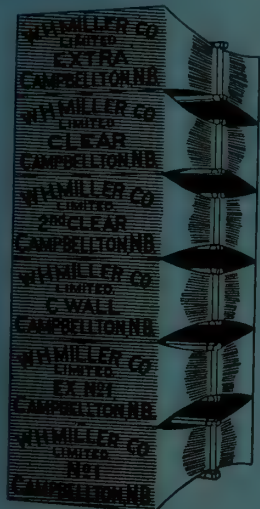
### W. C. EDWARDS & Co., Limited

OTTAWA

:-

CANADA





**S  
H  
I  
N  
G  
L  
E  
S**

# SPRUCE & PINE LUMBER

For Home  
and Export  
Trade

## LATH, TIES AND PULPWOOD

We can give you quick delivery on the above. We have large stocks of lumber on hand, with an up-to-date plant. Intelligent service and a strict regard to our customers' interests have given us a reputation throughout the lumber industry.

We make a specialty of New Brunswick White Cedar

## SHINGLES

and you can be sure of getting the right grade. Our name on each bundle means a guarantee of quality and a uniform shingle. Excellently placed for shipments by either rail or water. We can get supplies to you without delay. Quotations gladly given.

**W. H. Miller Co., Limited**  
CAMPBELLTON, N. B.





*The "Hard-to-Please" Hardwood Buyer  
Should  
Try  
These*

These stocks are well manufactured, generously graded and attractively priced. If you are in the market, do not hesitate. We guarantee satisfaction.

6	Cars	4/4	Birch,	No. 1 C & B.
3	"	4/4	"	No. 3 Common.
10	"	8/4	S. Elm,	No. 1 C & B 10% No. 2.
15	"	4/4	"	No. 1 C & B 20% No. 2.
4	"	4/4	"	No. 2 & 3 Common.
2	"	8/4	Beech,	No. 1 C & B 15% No. 2.
5	"	6/4	"	Log Run.
3	Cars	4/4	Beech,	No. 1 C & B 20% No. 2.
1	"	8/4	Basswood,	No. 1 C & B 10% No. 2.
4	"	4/4	"	No. 1 C & B 10% No. 2.
1	"	5/4	S. Maple,	Log Run.
3	"	4/4	S. Maple,	No. 2 & B. 25% No. 2.
10	"	4/4	Hardwood crating.	
1	"	5 x 5	Hardwood Box Hearts.	

THE  
**PEDWELL HARDWOOD LUMBER CO.**  
Ft. Spadina Ave., TORONTO

Send Us Your Enquiries for  
**Anything in Lumber or Timber**

We have on hand for immediate shipment the following dry lumber:

- 45,000' Spruce 3 x 9" x 18 to 26'.
- 75,000' Spruce 3 x 11" x 18 to 26'.
- 150,000' Basswood No. 1 & Better mostly F.A.S. 6/4" x 9" & up.
- 35,000' Basswood F.A.S. & Select 4/4".
- 100,000' Merch. Hemlock 3 x 11".

Mixed cars of Spruce and Hemlock a specialty. We always have a large stock of Spruce and Hemlock on hand.

**The James Shearer Co., Limited**  
Wholesale and Retail Dealers  
in Lumber and Timber  
OFFICE AND YARDS:  
225 St. Patrick St. **MONTREAL**



# H. R. Goodday & Co.

EXPORTERS  
OF  
**SPRUCE**  
AND  
**PINE**

---

New Brunswick Agent  
**F. E. NEALE,**  
Chatham, N.B.

---

Head Office - - Quebec, P.Q.



Cable Address  
'BENLUMCO'

Codes used  
ABC 5th Western Union  
Universal

## Bennett Lumber Co., Limited

Manufacturers and Exporters

**Spruce, Pine and Hardwood  
Lumber**

**American Hardwoods & Mahogany**

11 St. Sacramento St. MONTREAL, P.Q.

## Story Lumber Co., Ltd.

**Wholesale Lumber Dealers**

Pine Spruce Hemlock Hardwood

Head Office: 701-703 Hope Chambers,  
Ottawa, Canada

Branch Office: 30 St. John Street, Montreal, Que.

## Send for This new Booklet To-day

A new booklet has been prepared on "How to Finish British Columbia Woods". It also contains other information of interest to all who would build.

As there is a large demand for these booklets and the supply is limited an early request for them is advisable.

**British Columbia Lumber Commissioner**  
51 Yonge St. - Toronto

## The Smile of Satisfaction

Know what real satisfaction means by giving McDonagh Lumber a trial. Wholesale Hardwoods (Native and Foreign), Crating Spruce, Pine and Hemlock, Canadian Birch, Basswood and Maple.



Every Shipment Guaranteed

**The McDonagh Lumber Co.**  
226 Confederation Life Building, TORONTO

Planing Mill Stock

## CYPRESS

Soft, Dry Stock, Finest Grades—  
All Thicknesses— 4/4, 5/4, 6/4, 8/4, 10/4, 12/4

## Yellow Pine Finish

Kiln Dried, Soft, Short Leaf Kind

Stock Widths  $\frac{4}{4}$  by 4", 6", 8", 10", 12"  
 $\frac{3}{4}$   
 $\frac{5}{4}$   
 $\frac{6}{4}$   
 $\frac{8}{4}$

Also OAK, ASH, POPLAR, GUM

**WISTAR, UNDERHILL & NIXON**

Real Estate Trust Bldg., Philadelphia, Pa.

## Pine, Spruce, Birch, etc.

Always on hand a large quantity Specialty Birch for Export.

Send your enquiry

## ROCH JULIEN

MORIN BUILDING,

QUEBEC CITY

2,700 Acres of FREEHOLD land for sale

# British Columbia

Lumber and Shingles

Best Grades—Mill Prices—Prompt Shipment

## THOS. N. PHILLIPS

Royal Bank Building

Toronto, Ont.





# Why

you can depend upon

## Long-Bell Hardwoods

Logs from our own virgin forests.

Each log selected and cut for the purpose for which it is best adapted.

Class of timber producing excellent widths and lengths.

Manufactured in our own hardwood mills, equipped with modern band machinery.

Manufacture supervised by experienced hardwood men.

Thoroughness given every detail of manufacture.

Particular care given to uniformity of thickness—carefully edged, equalized and trimmed.

End-buttressed with mitre toothed saws.

Carefully sorted at chains.

Drying yard arranged to give thorough circulation to stocks in pile.

Every detail in sticking and drying carefully observed to insure best results.

Experienced inspectors grading lumber for shipment.

Double check inspection at cars in loading to insure uniform grades.

Same care exercised in loading in car as in manufacture.

Easily identified by the Long-Bell trademark on the end of every board.

**The Long-Bell Lumber Company**  
R.A. LONG BUILDING Lumbermen since 1875 KANSAS CITY, MO.







## Spoolwood Lumber and Pulpwood

The products we offer you are selected from our vast timber resources for their quality and freedom from defects.

The mills which manufacture them are completely and modernly equipped and manned by an organization which has grown old in service of our customers.

May we serve YOU? Your orders will be promptly and intelligently filled and delivered exactly as specified. This we guarantee.

Let us quote on your requirements.

**A. K. HANSEN & CO. REGISTERED**

**82 St. Peter Street, Quebec, P.Q.**

**Mills at Laterriere, Lac Long, Charlevoix, Dist., Que.**

## J. Burstall & Company

**Purchasers and Shippers of  
all kinds of Timber  
and Lumber**

Head Office

**Royal Bank Building, QUEBEC**

Branch Office

**Board of Trade Building, MONTREAL**

*Also*

**J. BURSTALL & COMPANY, LIMITED, Agents**

**57 Gracechurch Street**

**LONDON, E. C.**

**ENGLAND**





Mill at River Manie

# SPRUCE

## LATH and PULPWOOD

As specialists in high grade Quebec Spruce, we are able to offer exceptional advantages to buyers of this and other lumber for building and construction purposes. We carry a large stock on hand at all times and can meet your requirements promptly and to your satisfaction.

Our River Manie plant is fully equipped with facilities for the production of all kinds of dressed lumber.

# POWER LUMBER COMPANY LTD.

*Successors to River Ouelle Pulp & Lumber Co.*

**ST. PACOME, QUE.**

On Canadian Nat. Ry.—75  
Miles East of Quebec City

W. GERARD POWER—President & Man. Director

Mills at Lapointe, River Manie, Powerville, Ste. Apolline—On C.N.R. (Edmunston Division)



# BUY BRITISH COLUMBIA Red Cedar Shingles



The life of a British Columbia Red Cedar Shingle Roof can almost be gauged by the life of the nail with which the shingle is nailed in place. Judging from available data, the average life of the ordinary steel wire nail, which has been in such common use, is only from seven to twelve years. Some wire nails will last longer, depending upon the condition of exposure, climate and similar features, but considering our climate as a whole, at the end of from seven to twelve years a large percentage of wire nails will have rusted either completely through or so extensively that the first strong wind will complete the work. The shingles that have been held in position by such nails are then free to work down, permitting rains or melting snows to leak through and damage the interior of the structure. Examination will disclose that the fibre of the shingle itself is still in perfect condition, and a leaky roof, in the majority of occasions is due entirely to the use of faulty nails, but the average home owner, placed at such inconvenience, will not stop to reason this out and the poor wooden shingle comes in for more unjust abuse.

There are several kinds of nails which experience has proven will give lasting satisfaction, and the wise dealer will advise his customers of these satisfactory nails. A pure zinc shingle nail meets all the demands of durability required. Its principal drawback is its high cost and a slight tendency to bend under careless driving. Galvanized wire nails theoretically are rust proof, and if the galvanized coating is properly applied, and of sufficient thickness, such a nail will last as long as the shingle it holds in place. The life of this shingle roof, properly applied with these nails then is from 40 to 50 years. Pure iron nails, or the old cut or wrought nails are ideal but difficult to secure. Copper nails also constitute a perfect shingle nail.



**Timms Phillips & Co., Ltd.**  
Yorkshire Bldg., Vancouver  
Manufacturers and Wholesalers  
**Red Cedar Shingles**  
3x-5x- Perfections, Royals, Imperials  
**Red Cedar Bevel Siding**

**Vancouver Lumber Co., Ltd.**  
Manufacturers  
**XXX-XXXXX CEDAR SHINGLES**  
(B. C. Inspected)  
Head Office, Vancouver, B.C. Eastern Sales Office Toronto, Ont.

**Westminster Mill Co.**  
LIMITED  
New Westminster, B.C.  
**Red Cedar Shingles**  
**Cedar Bevel Siding**

**Dominion Timber Products Ltd.**  
Vancouver Block  
Vancouver  
Largest Manufacturers of  
**Perfection Shingles**  
in Canada

**Underhill Lumber Co., Ltd.**  
Dominion Bldg., Vancouver  
**RED CEDAR SHINGLES**  
3x-5x- Perfection and Eureka  
**CEDAR BEVEL SIDING**  
**CEDAR BUNGALOW SIDING**

**Shull Lumber & Shingle Co. Limited**  
New Westminster B. C.  
Trade Mark  
**RED BAND SHINGLES**  
XXX XXXXX Stars Clears  
From Mill to You

If you want a market  
for B. C. Red Cedar  
Shingles put an advertisement on this page.

**Northern Pacific Logging Co. Ltd.**  
Port Moody, B.C.  
Manufacturers of  
**High Grade**  
**Red Cedar Shingles**



## MEMBER MILLS

Alberta Lumber Co., Ltd.  
 Dominion Creosoting & Lumber Co., Ltd.  
 Eburne Sawmills Ltd.



## MEMBER MILLS

Ladner Lumber Limited  
 Robertson & Hackett Sawmills, Ltd.  
 Timberland Lumber Co., Ltd.

# Douglas Fir

# Western Hemlock

The combined resources of our Six Mills enable us to give prompt shipment of straight cars, Shed Stock, Mixed Cars, Uppers and Commons, Straight Cars Dimension, Timbers.

## Associated Mills Limited

Vancouver, B. C.

Eastern Representative: J. T. Todd

1305 Bank of Hamilton Bldg., Toronto, Ont.

### ENGELMANN

Daily Capacity  
 100,000 Feet

### LUMBER

Stock 10,000,000 Feet

We manufacture both Eastern  
 and Western Standard up  
 to 12 inches wide and  
 20 feet long.



Uniform Grades Guaranteed

## SPRUCE

(Air Dried)

Mountain Lumber  
 Manufacturers  
 or  
 Western Pine Grades

*"The Spruce Supply"*

### WHITE

Superior  
 Manufacture

### LATH

Stock 2,000,000 pieces

### Specialties

Shelving, Drop Siding,  
 Flooring and Ceiling  
 Resawn Boards

# U. G. G. SAWMILLS LTD.

QUALITY

HUTTON, B.C.

SERVICE



# HAY & GRAIN

## FOR THE LUMBER INDUSTRY

QUALITY

We are large wholesale dealers in hay and grain, specializing in lumbermen's requirements. A high standard of quality is maintained at all times, and in order to give the best possible service, we have established warehouses at strategic shipping points. These warehouses carry stocks on hand at all times and prompt delivery of your order is assured.

SERVICE

*Write or wire for prices*

# W. H. DWYER, LIMITED

Metropolitan Life Bldg., OTTAWA, Queen 1583-1584  
302 Board of Trade Bldg., MONTREAL, Main 970-6720



# ONTARIO

## Canada's Banner Province — A Land of Opportunity for the Lumberman

Forty per cent of Canada's total timber output is produced in Ontario. Last year's cut valued at \$26,774,937 was composed of 20 kinds of wood, chief of which was the famous White Pine.

The lumber industry of Ontario in camp and mill provides employment for more than 17,000 men, with a payroll of \$12,000,000, and an invested capital of \$45,000,000.

Ontario's woodworking industries are keen buyers of Ontario's lumber, and eighty-two per cent of the wood thus used is purchased within the province.

But the significant fact to lumbermen is that the bulk of Ontario's forest resources are as yet untapped. Rich rewards await the man with the initiative to develop these resources to the full.

Maps will be furnished and every co-operation given to those interested. Apply to the Department of Lands and Forests.

Issued by

**Beniah Bowman**

Minister of Lands and Forests

Panoramic view of the Provincial Forestry Station in Norfolk County. On the left is shown the first planting of Scotch and Jack pine on a low sand ridge in 1909. These trees are now about 24 feet high. In the two centre views are seen the headquarters building and the seeding beds with lath screens for shades and overhead pipes for watering. On the right are Larch and Scotch pine, being planted in 1911 and now standing 20 feet high. From material supplied by the Ontario forestry station, plantations have been started in nearly every county all over the province.





# Lumbermen's Underwriting Alliance

U. S. EPPERSON UNDERWRITING COMPANY  
ATTORNEY IN FACT

J. J. LYNN, General Manager  
THIRD FLOOR R. A. LONG BLDG.  
KANSAS CITY, MO.

## OUR GROWTH

### RISKS INSURED

### INSURANCE IN EFFECT

23 \$475,500.00—JAN. 10, 1905  
At Commencement of Business.

57 \$1,214,850.00—JAN. 9, 1906  
At End of First Year.

135 \$4,315,413.99—JAN. 9, 1907  
At End of Second Year.

213 \$9,048,451.86—JAN. 9, 1908  
At End of Third Year.

267 \$12,255,362.78—JAN. 9, 1909  
At End of Fourth Year.

312 \$16,050,448.38—JAN. 9, 1910  
At End of Fifth Year.

321 \$20,147,984.70—JAN. 9, 1911  
At End of Sixth Year.

364 \$23,851,676.89—JAN. 9, 1912  
At End of Seventh Year.

384 \$26,325,502.22—JAN. 9, 1913  
At End of Eighth Year.

428 \$29,612,154.08—JAN. 9, 1914  
At End of Ninth Year.

487 \$34,491,471.79—JAN. 9, 1915  
At End of Tenth Year.

539 \$38,294,946.29—JAN. 9, 1916  
At End of Eleventh Year.

557 \$40,278,921.64—DEC. 31, 1916  
At End of Twelfth Year.

624 \$49,292,357.17—DEC. 31, 1917  
At End of Thirteenth Year.

725 \$62,819,426.25—DEC. 31, 1918  
At End of Fourteenth Year.

864 \$81,904,048.52—DEC. 31, 1919  
At End of Fifteenth Year.

1011 \$109,705,814.22—DEC. 31, 1920  
At End of Sixteenth Year.

1123 \$111,555,839.26—DEC. 31, 1921  
At End of Seventeenth Year.

1203 \$122,611,058.69—DEC. 31, 1922  
At End of Eighteenth Year.

The exhibit of our soundness and strength, as shown on the following page, is the result of the splendid support accorded by the Lumbermen. Increased and continued co-operation is invited, that lumber properties may be more generally preserved from fire loss and the cost of fire indemnity still further decreased.



# LUMBERMEN'S UNDERWRITING ALLIANCE

U. S. EPPERSON UNDERWRITING COMPANY  
ATTORNEY IN FACT  
KANSAS CITY, MISSOURI

## CONDENSED FINANCIAL STATEMENT

December 31, 1922

### ASSETS:

Cash on Hand and in Banks .....	\$ 1,157,236.00	
Bonds:		
State of Louisiana 5s .....	\$ 53,977.12	
City of Dallas, Texas, 4½s .....	40,263.20	
Kansas City Terminal Railway Company 1st Mtg. 4s .....	28,821.20	
Sedgwick County, Kansas, 4s .....	16,038.87	
City of Omaha, Nebraska (Water Works), 4½s .....	40,452.98	
City of Los Angeles, California (Elec. Plant), 4½s ..	50,000.00	
Canada-Southern Railway Company 5s .....	26,217.68	
United States Government Liberty Bonds:		
1st Issue, Converted 4¼s .....	25,000.00	
2nd Issue, Converted 4¼s .....	75,000.00	
3rd Issue, 4¼s .....	283,565.51	
4th Issue, 4¼s .....	199,944.00	
Thrift Bond .....	956.66	
Canadian Victory Bonds, Due 1934, 5½s .....	99,388.18	
Canadian Victory Bonds, Due 1924, 5½s .....	24,787.70	
City of Seattle, Washington (Light & Power), 5s ..	19,968.50	
City of Charleston, So. Carolina (Water Works), 4½s ..	23,989.21	
City of Minneapolis, Minnesota (School), 3½s .....	8,493.68	
City of Minneapolis, Minnesota (Appraisal), 4s .....	2,974.38	
City of Minneapolis, Minnesota (Street Imp.), 4¾s ..	13,035.70	
Kansas City, Missouri, School District 4½s .....	24,900.38	
South Dakota, Rural Credit 5s .....	24,944.18	
Province of Ontario, Canada, 6s .....	91,693.50	1,174,412.63
Accounts Receivable—Deposits in Course of Collection .....	370,563.36	
Accrued Interest Receivable .....	13,549.98	2,715,761.97

### LIABILITIES:

Losses in Process of Adjustment .....	\$ 148,102.45	
Administrative Expense .....	73,626.97	
Surplus and Re-insurance Reserve .....	2,494,032.55	2,715,761.97

## COLLECTIVE STATEMENT INCOME AND EXPENDITURES

January 10, 1905 to December 31st, 1922

### INCOME:

Net Deposits Collected .....	\$12,382,199.42	
Deposits in Course of Collection .....	368,134.83	
Interest Collected .....	603,289.06	
Interest Accrued, Not Due .....	13,549.98	\$13,367,173.29

### EXPENDITURES:

Losses Paid .....	\$ 7,956,685.52	
Losses in Process of Adjustment .....	148,102.45	
Savings Returned .....	2,493,941.54	
Legal Expenses, Taxes, etc. ....	200,784.26	
Administrative Expenses .....	73,626.97	10,873,140.74

SURPLUS AND RE-INSURANCE RESERVE .....	\$ 2,494,032.55
(Amount to Credit of Subscribers' Accounts)	

After an examination of the books of account of the Lumbermen's Underwriting Alliance, we certify that the above statement of Assets and Liabilities is a correct presentation of the financial condition of the Alliance at December 31, 1922; and that the statement of Income and Expenditure is a true and correct statement for the period covered; and further certify that the books of account and records have been kept in strict accordance with the Power of Attorney and Policy-Contract between the individual subscribers and U. S. Epperson Underwriting Company, Attorney.

January 12, 1923.

SMITH, LUNSFORD & WRIGHT,  
Certified Public Accountants.

EQUITABLE TO ALL PARTICIPANTS  
LEGAL EVERYWHERE

LOSSES FAIRLY SETTLED AND PROMPTLY PAID

LIMITED EXPENSES, LOWEST COST  
ABSOLUTELY SOUND



# SIMONDS

## MANUFACTURING COMPANY'S PLANE KNIVES



ESTABLISHED  
1832

Will cut two or three times as long on hardwood or hard work. The Simonds Welded High Speed Steel Knife is a new knife. Made by a new process and successful in every respect. It has a cutting edge of High Speed Steel Welded to a soft backing. When we say "Welded" we mean just that—not brazed as has heretofore been the method in making Carbon Steel Knives. This knife promises to be a big money and time saver for knife users. There is no change in machines required to run this knife. Simonds High Speed Steel Knife will last from three to five times longer than the ordinary Carbon Steel Thick Knife.

*Investigate this knife. Write today.*

### Simonds Canada Saw Co., Ltd.

St. John, N.B.

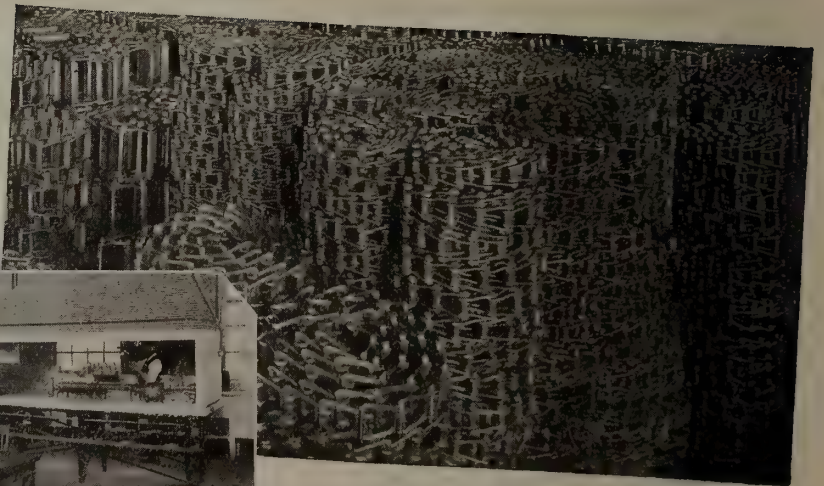
MONTREAL, QUE.

Vancouver, B.C.



Above: Every strand of Link-Belt Chain is tested under load before shipping.

Insert: The Link-Belt Laboratory. Years of research and experiments have enabled us to reach and maintain the high Link-Belt standards.



Showing stock of chain at one of our warehouses.

### HERE'S WHY YOU SHOULD USE LINK-BELT CHAINS

EVERY strand of Link-Belt chain is not only made from the best materials, but is inspected and tested under load for strength, and uniformity of pitch.

Uniform high-tensile malleable iron castings—hard smooth pins—hard smooth cored holes for pins—generous wearing shoes for dragging—uniformity of pitch,

giving good sprocket action. These are reasons why Link-Belt Chains wear longest.

Measure values in length of service, and you will find that Link-Belt Chains are cheapest in the long run.

This  mark identifies genuine Link-Belt Chain.

CANADIAN LINK-BELT COMPANY, LTD.

TORONTO—WELLINGTON AND PETER STREETS

MONTREAL—10 GAUVIN LANE

# LINK-BELT



Pioneer and Leader  
in the Industry

# Canada Lumberman

founded 1880

Recognized Authority  
for Forty Years

Vol. 43

Toronto, March 15, 1923

No. 6

## How Leading Operators View Outlook in Lumber Arena and Analyze Conditions of Past Year —Comprehensive Survey of Industry

"Good," "bright," "fair," "very good," "splendid," "encouraging," "fine," "promising," "more inquiries than at any time since the war," "much better than the past two years," "steady, profitable business," "expect good call all season as stocks are depleted," "volume should be greater with prices slightly better," "normal conditions with steady demand," "excellent with better figure," "twenty per cent higher prices," "believe that values will be fifteen to twenty-five per cent more," "good, active demand, cost are higher," "much better future than 1922," "greatly improved as outlook is bright," "conditions could not be much better," "stocks very low and badly broken," "likely to be decided shortage in some lines," etc.

These are some of the terse expressions which are made by representative lumber men in divers parts of Canada with respect to the trade outlook for 1923. In the preparation of material, for the annual Statistical Number of the "Canada Lumberman," scores of questionnaires were sent out to millmen in various sections of the Dominion in order that a complete expression of opinion might be obtained with regard to the present status of the industry and the prospects for 1923. Responses have arrived in goodly numbers from operators large, medium and small, and not a few sound a warning note against the menace of a runaway or speculation market.

While production and demand may have varied appreciably in different localities yet, on the whole, 1922 was a fair year and trade was encouraging during the last three or four months. This is the consensus of eighty per cent of those who have been kind enough to favor the "Canada Lumberman" with their views on conditions in general. It is also agreed that stocks are much lower at this period than they were twelve months ago and there may be a shortage in several widths, thicknesses and lengths before the 1923 dry cut is ready for the market. Some wholesalers are predicting that lumber will in certain districts be shipped green from the saw.

The one outstanding feature is that optimism and confidence characterize practically all the operators, and while it is not possible to give figures in many instances, the winter cut at several points has been larger and the log output this season will be greater,—all the way from twenty-five to fifty per cent

### The Lumberman

By Marjorie Pickthall

Around the crashing axes gleam,  
The sharp white splinters fall and fly,  
The leafless woods lie still and dream  
Beneath the far-off winter sky,  
The birds are silent in the brake,  
The lonely glades are white and fair,  
But all around the echoes make  
A myriad voices in the air.  
When swift the forest giants fall  
The snow in show'rs is shaken down;  
The chips are scattered over all  
And hide the leaflets sere and brown,

On every hand the forest sighs,  
And slender beeches shake with fear  
When low the fallen monarch lies  
With broken shrubs that flourish'd near.  
When trees grow greener every day,  
And robins call from every dell,  
We lay the gleaming-axe away  
And bid the forest-world farewell,  
Yet when the summer breezes sigh  
We dream, perhaps, of glittering snow,  
The glorious realms of blue on high,  
The trackless wastes of white below.

ahead of last year. This does not mean, of course, that more timber is being taken out than three or four years ago when things were at their zenith, or that, this year's cut in the bush will equal that of 1919-20, but it will, certainly, top that of last year.

Another encouraging feature is that inquiries are more numerous and far-flung. The feeling is in the air that lumber is a commodity which can be and will be readily disposed of and will not have to be peddled, unloaded or dumped on a patron the same as it was in the early spring of 1922 when getting rid of the heavy stocks on hand at a sacrifice was a most pressing problem.

The great trouble to-day is to get the stock required, and no little difficulty is being experienced at several shipping points. It has been well said that it is much easier at present to sell forest products than it is to get a supply. Those, who have a considerable lot on hand are hanging out for stiff prices, while many 1923 cuts have already been sold at a considerable advance. Operators contend that they must get ten to

twenty per cent more than they received last year in order to cover the increased cost of logging operations, which, they maintain, runs all the way from five to fifteen per cent more, due to increased wages, shortage in supply of lumberjacks at the beginning of the season, and the upward trend of overhead in general.

### Getting Ready for Early Start

With the exception of certain districts in Nova Scotia and New Brunswick, where the snowfall was very deep and the severe weather militated against hauling and yarding, the past winter was an almost ideal one in Ontario and Quebec for bringing out and skidding logs. If the spring shows a gradual and seasonable opening up, there is no doubt that many plants will get under way the latter part of April, which will be some weeks ahead of last season when it was well on into May or June before the big lumber mills started sawing. Every precaution has been taken this year to get out an ample supply of logs and, with few exceptions, every producer will seek to turn everything he can turn into finished lumber.

Building prospects are looking exceptionally well, excavations are starting in early and there is, apparently, no structural let-up in the larger centres of population. The suburbs of large cities are also growing more rapidly owing to the attractive types of homes which are being built and the conviction, which is becoming more widespread every year that the most contented, happy and prosperous people in any community are those which own their own homes and take a pride in a garden spot, in a well-kept lawn or in beautifying their surroundings. As long as home-building continues, there will always be good business for the retail lumberman. He is a community asset and renders a service distinct from that performed by any other member of the body politic. The retail dealer, certainly, is a force and factor in every progressive centre and his standing in the community and record of assistance and achievement are attributes that cannot be denied. However, this is not a dissertation upon the vocation and worth of the retail lumberman to the community, but after all he is the great distributor and through him much of the cut of each year finds its outlet.

All manufacturers agree that the volume of trade in 1922 was greater than that of the



previous year and that the profits, if any, were considerably better. Prices when considered on the whole, were better than the year previous, during which period old stocks had to be worked off and a heavy loss taken in several cases. Of course, there are some exceptions to this general statement, as it takes all kinds of people to make up a lumber world the same as any other industrial arena.

One of the difficulties during the last few months has been the car situation which made it impossible to send forward large consignments of lumber to the United States. However, this state of affairs is being gradually remedied and the numerous complaints, which have come particularly from the East are less than they were.

#### How the East Views Matters

From the provinces of Nova Scotia and New Brunswick come many expressions of opinion regarding the future. It is not possible to publish all these but a few extracts will be submitted.

One New Brunswick man says that he made no profit on timber transactions in the last two years owing to the market slump and the amount of English-bought deals that remained unsold, the uncertain European situation and the general air of restlessness and perplexity throughout the world. Referring to 1922, he says that trade opened strong with low prices, but these gradually strengthened. Concluding, the president of the organization says,—“The cut here will be double what it was last year, but still it will be thirty per cent under normal. 1923 looks like a fair year.”

Another eastern operator remarks “Business in 1923 will be good if the European situation clears up. Stocks are only about fifty per cent of what they were a year ago and the past twelve months was largely a clean-up period. There are no large stocks in the country and the log cut is light. Nova Scotia bringing out only about 100,000,000 feet and New Brunswick 400,000,-

000 feet. Business is good in the United States and why should not lumber bring a good price.”

Another eastern operator observes “Trade with the United States is good for all kinds of lumber and more so if anyone is in a position to dress his entire product.”

“Every day in every way the market is getting better and better; but it will have to go some yet to enable us to operate at a profit,” declares another large concern. “As prices receded early in 1922, the tendency was to cancel. We got out very few logs last winter and are getting out a normal crop this year and we look for a splendid twelve months.”

A large firm in Campbellton says,—“Our stocks are fifty per cent less than last season and our log output this winter will be fifty per cent more. There is a good demand for frame stock; lath is good with prices trending upwards. The cost of production is also increasing, which will have the natural effect of keeping the prices moving upwards so long as the demand keeps good.”

A Nova Scotia operator says,—“Our log output will be three times greater than last year and we look for a steady, profitable business in 1923. We made no profit either in 1921 or 1922, but last year our loss was not as great per thousand as the previous year. Our stocks are very much smaller than a year ago. Production costs are higher than anticipated due to excessive snow. Prices are improving in the American market and holding steady in the English market. Nova Scotia production in 1923 will be about 100,000,000 feet.”

Another Nova Scotia firm says that its log output will be one hundred per cent greater than it was a year ago and all old stock has been pretty well cleaned up. The volume of trade in the last year was greater than that of the one previous. Everything looks bright for 1923.

A Quebec concern says lumber is costing more to cut this season on account of the

increases in wages to men. “We are also having an extremely hard winter, lots of snowstorms, which are adding to the cost of hauling logs to the streams.”

A leading operator in the Restigouche district says that prices should average about ten per cent above those in 1921. The volume of trade last year was greater than the previous year while the market in the United States was active but shipments were marked by car shortage. It is believed that the log output will double that of last season. This manufacturer concludes,—“1922 production costs were below those of 1921, for which I am thankful. The trend of the market is upwards and we look for a strong demand, at least until the 1923 sawing is ready for shipment.”

Another opinion of interest is from Magog, Que., and the writer says,—“We expect a fair demand for lumber to be manufactured into auto bodies, furniture, etc., but local building will be dull owing to the emigration of so many French-Canadian families to the United States.”

A large operating hardwood firm states that with normal conditions a steady demand should characterize 1923, with prices about twenty per cent higher than they are at present. Stocks are about twenty per cent lower than last year. Production costs are too high at the present time in the lumber business, and this, coupled with the present market, has rather a tendency to discourage building.”

Many more quotations could be given upon the situation in the East. Various phases of the industry are presented in special articles elsewhere in this issue, and it may be said that, on the whole, except in isolated instances, everyone believes that business will get “better and better” and stay in that condition, for several months’ if speculative prices and a runaway market do not prevail.

A Northern Ontario man says “Operations in the bush this winter have been very favorable. Wages are about twenty-five

## Possibilities of the South American Lumber Market

By B. S. Webb, Buenos Aires  
Canadian Trade Commissioner

In Argentina, the business of importing lumber in cargo lots is restricted to a comparatively few firms. In order to import lumber successfully on a large scale, a sound, practical knowledge of the market and the classes of lumber which it demands are required together with ample capital for financing purposes and freighting cargo lots. Facilities for storage and distribution at this end are also necessary, and it follows that the number of firms possessing all the above requisites cannot be very large. Before the war there were some six or seven old-established houses in the business which more or less monopolized the entire lumber trade, but the business of these old-established houses has been interfered with and made less profitable by the operations of a number of new cargo-lot importers and a great increase in the number of parcel-lot importers.

At the present time there are twelve houses which can be described as first line cargo-lot importers, and in addition to these are two or three second line or occasional cargo-lot importers. A first line importer is understood to be one capable of handling a cargo a month, possessing a yard for receiving lumber, and purchasing through established New York or London connections on documentary sight letter of credit terms, or by special arrangements with London banks. Important lumber transactions are usually consummated in

London or New York between the New York and London connections above referred to (who act as purchasing agents) on the one hand, and the London or New York representative of a lumber exporting house on the other; rarely, if ever, do the purchasing agents negotiate direct with individual mills. Four of the first line importers have special arrangements with London banks for financing their purchases, and the remaining eight, almost without exception, pay for their purchases by a documentary sight letter of credit, which means that the North American correspondent of the importers’ bank pays cash to the shipper in North America in exchange for shipping documents which are endorsed over to the importers’ bank in Buenos Aires.

Cargo-lot importers almost invariably endeavor to sell their lumber “to arrive,” with the idea of securing a quick turnover, even though the profit be smaller. That portion of the shipment which is not sold “to arrive” is taken into the importers’ yard, and sold to local timber yards and wood-working establishments, of which there are some fifty or sixty in the business. The cargo-lot importer will not, as a rule, sell less than 30,000 ft. b.m., and almost invariably sells on terms which, of course vary according to the financial responsibility of the buyer. The distribution of lumber in Buenos Aires is hardly ever a cash transaction.



per cent higher than last year. The cost of production is going to be more than last year. The early part of the cutting season was bad as men were very unsettled."

Another concern writes that prices for 1922 were about eight per cent higher than they were in 1921. The log output in 1923 will be fifty per cent over that of a year ago, and the cut last year showed an increase of twenty-five per cent.

"Our log output will be about one-third of what it was," declared a Western Ontario lumber firm. They consider the prospect for the coming year is very good. Their cut for 1922 was about twenty per cent more than the year previous. Another firm says that their log output will be about three times as much as the previous year.

#### Wages were up Considerably

An organization in the Midland district says that 1922-3 wage costs are up about ten per cent more than during the previous year. This is partly offset by a reduction in the cost of supplies. The log output will be fifty per cent ahead of what it was last year.

An operator doing business along the T. & N. O. Railway says he could have sold more lumber if he had had it. He looks for a fair demand from outside points, around \$30. to \$35 per M for jack-pine and spruce.

"When you speak of profits," say another firm, "and ask how those of 1922 compared with those of 1921, we consider that the best reply is that 1922 simply paved the way for the manufacturer to sell his lumber in 1923 at a price in keeping with the cost of production. Our log production will be about twenty-five per cent more than last year, and our trade with the United States was very good. The volume was larger, profits higher and we have less material unsold to-day in our yard than we have had for many a long day."

Another firm in the same district have practically the same story to relate, declaring their log output will be twice as much and all their stock is cleared out. They believe 1923 will be a bright year in the lumber business.

In the district of Kenora, one concern replies that trade was thirty-five per cent greater last year than in 1921, profits twenty-five per cent higher and prices twenty-five per cent higher. Stocks are declared to be fifty per cent lower, and, it is believed, that 1923 business will be at least, sixty per cent better than it was in 1922. The firm adds that the peculiar conditions, which characterized trade with the United States, were a reduction in freight charges and no sales tax on lumber for export.

#### Active Market and Better Prices

"We believe it will be much easier to dispose of stock during the coming season than it was, and our output of logs will be twice as much as a year ago. Woodsmen's wages were somewhat higher this year than last, and more logs and pulpwood have been cut in this section than have been for some time past. The cost of production has been higher, so far as logs are concerned, by about fifteen per cent, and we believe that manufacturing costs will be about ten per cent above those of 1922. We hear that mill labor will not be so cheap this year and there will be an increase of fifteen per cent," concludes a Northwestern Ontario man.

"Good active demand, with better prices, with an increase in our log output of fifteen

per cent, sums up our view of the situation," says another New Ontario firm.

When asked how about log production and what the outlook is for 1923, one Georgian Bay manufacturer gives the following:—"100 per cent increase—wish I knew."

Another firm say that wages this season, so far as they are concerned, will run nearly forty per cent higher than last year, but supplies are cheaper, especially feed.

"We are taking out about four times as much timber as we did a year ago; our profits in 1922 were greater in volume than they were the year previous. We think prices will be slightly improved during the coming few months," says a well-known North Shore lumber concern.

By taking up a number of questionnaires at random and giving an excerpt or two from each, a comprehensive picture of the situation is presented.

Here are half a dozen offhand opinions from different parts of the country:—

"Our cost of logging is about the same as last year, but we feel that things are now on the mend in the lumber line."

"We believe the trade outlook for 1923 is much better. Markets on the good ends of hardwood have got to be good on account of grades now being taken by licensed scalers. They are a very little better than robbers."

"We have very little stock on hand and our output for the coming season will be

#### The Record of Canadian Trade

	1922	1921
Total Trade . . . .	\$ 1,650,022,223	\$ 1,601,878,617
Total Exports . . . .	884,318,008	802,714,926
Total Imports . . . .	765,704,215	799,163,691
Grain Crop . . . Bus.	897,283,100	860,532,641
Wheat Crop . . . Bus.	399,786,400	300,858,100
Value of Crop . . . .	\$ 962,616,200	\$ 931,863,670

double of last. Prices were \$2 to \$3 per M higher last year than they were in 1921. The volume of trade was greater."

"1922 and 1923 cost of production will be somewhat less than 1920-1," says a concern which gets out a large number of railway ties. "Our company was not operating in 1921 and 1922 on account of being no market for ties that year in this vicinity. Reduction in costs and operation was more than offset by the decrease of prices for ties. Softwood prices were, on the average, about \$5 higher in 1922 than in 1921, while hardwoods ruled about the same."

"Woods operations for this season will show a cost of thirty to thirty-five per cent more than a year ago. Our cut will be seventy-five per cent more and we look for a fair demand and gradually increasing prices."

"The demand is very heavy at the present time for lumber, and prices on culls are likely to be forty to fifty per cent higher and merchantable about twenty-five per cent. Logging costs for 1923 are up from twenty-five to forty per cent owing to higher wages and inferior labor. There is about fifty per cent less material in our yard than a year ago. Our log output will be about the same as last year. Conditions just now seem very good."

#### His Log Output Will Be Double

One managing-director of a large concern in Northwestern Ontario, who has given the whole lumber situation, past, present and future, careful consideration, says,—“Our volume in trade in 1922 was greater than that of the year previous and

our profits were better, while prices were a little higher. Our stocks are smaller and trade with the United States was favorable during the last few months. Our log output for 1923 will be double of what it was a year ago, and we look forward with no small measure of confidence to the results of the present year. Wages in the bush this year, so far as our own activities are concerned, average about \$35.40 as against \$26.32 last year. There was a sufficient amount of labor, provisions were slightly higher than in 1921, but hay and oats were lower. We anticipate a good demand for lumber and lath, and expect to pay more for mill labor this year. There may be also a shortage of common labor in certain districts."

#### Low Prices Accepted to Clean Up

A large eastern firm who have mills in Quebec, New Brunswick and Maine, and are in a position to size up trade conditions on both sides of the border, say,—“The years 1921 and 1922 are difficult ones for us to compare as we operated one mill only a few days in 1921 and were only able to make late starts with our other mills in 1922, due to heavy stocks piled up in our yards which made new sawing impossible. We usually operate three mills from April 1st to December. During the winter of 1921-2 we did not cut any logs, while this winter we are making a cut of 5,000,000 feet. This, along with present stocks, will keep the two remaining mills in full swing over the coming season."

"In regard to prices, as a whole there is a slight improvement though in some lines there is a marked decline in specially prepared stocks, such as long average wide deals. Prices are now strengthening and we look for a steadily-improving market in the United States and South America."

"Pine lumber is very scarce and is bringing a higher quotation. We shipped some 11,000,000 feet more in 1922 than we did in 1921 but the total value was not proportionately greater due to the decline in price on long broads and low prices accepted to clean up old stocks and allow us to start our mills."

#### Expects Banner Year By Fall

Another representative of a leading firm in Ontario, west of the Sudbury district, on the Canadian National Railways, presents some timely information regarding activities of the past year and says that their log output this winter will be three times what it was last. He believes that 1923 will be a banner year by the fall months.

"A personal interview with owners of operations in Canada and the United States, who know conditions across the continent, convinces me that the market is very bare of unsold dry stocks, and there is a heavy American building programme. It looks as if there will be a marked scarcity of dry lumber by May. We are holding a few million feet in our little yard. In quoting prices on dry stock for this year's cut, we have been offered \$7 over last year but we believe that we will get more than \$10. It is our turn now to make a little money in order to offset the losses with which we came in contact during the last two years. We are hoping for a steady market but cannot stop the present up-curve of the American business cycle. On account of easy credit conditions, we are likely to go on expanding for a couple of years. Then absurd manufacturing and building costs owing to the scarcity and demands of labor, will halt American optimism."



# Northern Ontario and Georgian Bay Output

*Considerable Increase in Amount of Lumber Sawed Last Year—Lath Production also Shows Gratifying Gain—Bush Operations Conducted on Large Scale This Winter*

The production of lumber is on the up-grade and things are now veering in a new direction. Everything points to an increased output during the coming year and mill operators will, in most instances, run their plants to capacity. For a number of years now with one or two exceptions the "Canada Lumberman," in its Statistical Edition, has reported a decreased cut but the tide has now changed and production is once more in the other direction. Various phases of the industry, the opinion of manufacturers regarding the future, the difficulties they were up against during the past year, the dangers which may result in 1923 and a general survey of the forest products situation is presented in other pages of the "Canada Lumberman," and will be well worth perusing.

The past twelve months have seen much change for the better in trade especially when compared with 1921. Last year the mills in the Northern Ontario and Georgian Bay districts reported a big decrease in their 1921 cut. At that period trade was practically at a standstill and many operators could not see their way to expand. Others who did go into the bush, cut only about 50% of normal.

The season of 1922 while by no means a world-beater, was, certainly, much better than 1921. Trade started to pick up early in the year when Canada entered upon one of the biggest building eras in her history.

Profits, while still small, were made and in very few cases did the mills sell at a loss. The cost of supplies was slightly less and labor costs were somewhat reduced. 1922, as one millman puts it, simply paved the way for the manufacturer to sell his product at something approaching a profit in 1923.

It can now be clearly seen that 1922 was a recovery year and incidentally bargain day for those who took advantage of it and started to build. Consumers recognizing price-cutting as the symbol of liquidation, started in on their long delayed structural programmes at the comparatively cheap prices. It did not take long before the surplus stocks in the country were depleted, and, at the present time, stocks on hand are very much reduced. In fact there is a scarcity of dry lumber right now which will be felt until May of this year. Prices during the latter part of 1922 were from \$2. to \$6. higher, which helped the manufacturers to break even, at least.

Prospects for 1923 are the most encouraging that have faced the manufacturers in two years. Operators estimate their cuts this season to be from 30% to 50% more than in 1922. In some cases 75% more lumber will be manufactured this year than in 1922. Everyone is hoping for a firm, market and it certainly looks like a steady year of building if the number of building permits already taken out is any criterion.

The lumber production, which includes hard and softwoods for 1922 showed an increase of 55,260,000 feet over 1921. This is quite a difference from the decrease in last year's figures and gives a fair idea of how augmented demand influences a larger supply.

Lath also figured in the activities, the cut for 1922 being 218,390,000 pieces. The gain over last year's figures for lath was 35,270,000 pieces. While these increases in lumber and lath production are not great, the demand is growing daily and manufacturers will seek to meet it.

The following statistics and reports were obtained through the courtesy of the operators of Northern Ontario and Georgian Bay. In certain instances where returns have not been sent in promptly, estimates have been made for the cut in that particular district, based upon past year's figures. Manufacturers as a whole were, however, very kind and co-operative in the matter of sending in data relating to their cuts. The "Canada Lumberman" desires to thank its many friends for their timely assistance in securing returns from such a wide territory.

## LUMBER

	1922 Feet	1921 Feet
Bala .....	1,500,000	1,800,000
Biscotasing .....	1,000,000	3,900,000
Bracebridge .....	4,250,000	3,450,000

Byng Inlet .....	24,000,000	22,000,000
Cache Bay .....	18,600,000	18,900,000
Chapleau .....	15,000,000	13,000,000
Cutler .....	31,900,000	27,800,000
Callander & North Bay .....	34,900,000	36,100,000
Fenelon Falls .....	3,500,000	3,000,000
Field .....	6,000,000	5,400,000
Foleyet .....	3,000,000	4,000,000
Fort Frances .....	65,400,000	43,500,000
Gravenhurst .....	5,700,000	7,000,000
Haileybury .....	2,500,000	3,500,000
Huntsville .....	13,000,000	11,200,000
Jacksonboro .....	1,750,000	5,750,000
Jarlsberg .....	1,085,000	1,200,000
Keewatin .....	15,800,000	12,600,000
Kearney .....	2,300,000	1,700,000
Laforest .....	5,000,000	5,000,000
Latchford .....	1,500,000	1,000,000
Little Current .....	13,000,000	12,500,000
Marksville .....	1,250,000	1,200,000
Marmora .....	1,150,000	1,500,000
Midland .....	49,900,000	46,100,000
Milnet .....	10,000,000	9,000,000
Nesterville .....	22,000,000	21,000,000
Owen Sound .....	11,200,000	12,500,000
Pakesley .....	19,000,000	15,000,000
Parry Sound .....	4,800,000	8,400,000
Penetang .....	20,500,000	21,400,000
Peterboro .....	5,200,000	4,300,000
Pine .....	2,600,000	3,200,000
Port Arthur .....	1,400,000	4,600,000
Powassan .....	6,225,000	6,000,000
Sarnia .....	13,000,000	11,000,000
Sudbury .....	27,000,000	25,500,000
Spragge .....	33,700,000	33,700,000
South River .....	5,550,000	1,100,000
Thessalon .....	25,000,000	18,000,000
Victoria Harbor .....	19,400,000	16,000,000
West River .....	6,000,000	6,000,000
Other Places .....	40,000,000	32,500,000
Total .....	595,560,000	540,300,000
Increase .....	55,260,000 feet	

## LATH

	1922 Pieces	1921 Pieces
Biscotasing .....	600,000	2,340,000
Bracebridge .....	1,940,000	1,475,000
Cache Bay .....	5,600,000	4,800,000
Chapleau .....	22,000,000	12,000,000
Cutler .....	6,700,000	
Callander & North Bay .....	20,065,000	20,250,000
Fenelon Falls .....	1,250,000	1,000,000
Field .....	3,500,000	3,200,000
Foleyet .....	3,500,000	5,000,000
Fort Frances .....	19,500,000	14,900,000
Gravenhurst .....	1,500,000	2,100,000
Huntsville .....	500,000	300,000
Jacksonboro .....	969,000	2,600,000
Keewatin .....	4,385,000	2,072,000
Laforest .....	2,500,000	2,500,000
Little Current .....	6,250,000	6,100,000
Marmora .....		100,000
Midland .....	29,900,000	24,300,000
Milnet .....	5,100,000	4,900,000
Nesterville .....	5,500,000	4,000,000
Owen Sound .....	1,500,000	
Pakesley .....	4,500,000	3,800,000
Parry Sound .....	2,000,000	4,000,000
Penetang .....	13,850,000	12,900,000
Peterboro .....	3,000,000	3,500,000
Pine .....	4,000,000	3,800,000
Port Arthur .....	500,000	693,000
Sarnia .....	7,500,000	7,000,000
Sudbury .....	1,000,000	1,200,000
Spragge .....	15,200,000	12,290,000
Thessalon .....	8,000,000	7,500,000
Victoria Harbor .....	10,081,000	7,500,000
West River .....	5,000,000	5,000,000
Total .....	218,390,000	183,120,000
Increase .....	35,270,000 pieces	



# THE LUMBER YARD AND FOREST IN PICTURE



A happy group of ladies snapped in front of the Prince Edward Hotel, Windsor, Ont., on the occasion of the retailers' convention held recently in that city.



A scene at the headquarters camp of W. C. Cochrane, Sudbury, Ont. The camp is located along the Canadian National Railways.



General view of the new wood room, conveyor system, wet machine room and grinder room of new pulp mill of Backus-Brooks Co., at Kenora, Ont.



This picture taken at Windsor, Ont., during the big retailers' convention illustrates a unique method of hauling lumber. The first tractor is shown pulling a 5-ton semi trailer; the second shows a 3 ton, 4-wheeled trailer and the third one a 2 wheeled lumberman's yard cart.



Boys in the bush enjoying a mid-day snack at Windy Camp on the C.P.R. in Northern Ontario



Canada Creosoting Co., Limited, Sudbury, Ont., showing 1,300,000 railway ties awaiting treatment. The ties are piled about 8 to 10 ft. high in streets.



# Production in the Ottawa Valley Increases

Substantial advances in regard to the output of the lumber manufacturers of the Ottawa valley took place during 1922 according to latest returns made by the various mills to the "Canada Lumberman." The production of lumber increased by over sixty three million feet; lath by more than twenty three million pieces; and shingles by over ten million pieces.

For the first time since 1918 the lumber production went above the three hundred million mark. The lath output was the largest since 1915, and the shingle field was the heaviest in the last eight years.

Production figures showed, lumber 301,980,268 feet; lath 79,140,000 pieces, and shingles 38,180,000 pieces. The increase in lumber production as compared with the 1920-21 season was 63,863,504 feet; lath 23,551,650 pieces, and shingles 10,332,000 pieces.

The volume of trade during 1922 was generally greater than in 1921, and prices and profits if anything were on the whole better last year than they were in the preceeding twelve months. In the increased volume of trade the returns showed little difference, but, on the price and profit question, there was considerable disagreement. Some manufacturers said they had got fair profits with the amount of trade, while others claimed there was only a fair volume of trade but less profits.

Existing stocks by the returns of the mills are hard to judge, and it is problematical whether or not the stocks in the hands of the lumber manufacturers of the Ottawa valley at the present time are any greater than a year ago. The chances are if they are any greater than during a corresponding period in 1921, that the margin is small. Reports show the existing stocks of some companies are lower by fifty per cent than a year ago, and still there are other companies saying they are not operating.

A general survey of the existing situation as gauged by information contained in the returns from the firms, inclines toward the belief that there will be a greater log production this winter. Rumor whispers there is good business ahead, that 1923 should show a strong advance over 1922 sales, and that prices if anything will range from firm to higher.

The opening part of the year 1922 was not a good one so far as prices compared with existing value of stocks concerned. The market was spotty, but some sales agents of manufacturers exercising an almost uncanny insight regarding conditions, held back until wholesalers had to buy. This was especially true of the United states trade.

During the latter part of the year prices began to get better, especially to the American market. Apparently no sooner had a better value situation applied itself, than along came a flock of embargoes from American entry ports which correspondingly sent business on the "hummer."

The embargoes still exist, and if the American railways, through their officials do not get the tracks cleared and provide rolling stock and transportation facilities, to forward Canadian lumber shipments, there is liable to be an acute shortage of stocks in the north eastern American yards this spring.

Several orders subject to shipment and delivery have been placed but the shippers through the operation of embargoes, have been unable to make the customary delivery guarantee on a specified date.

The woods labor situation, while satisfactory so far, is one of considerable doubt for coming operations. Returns for the 1922-23 season show that production charges were higher, the margin ranging from five to twenty five per cent.

At the outset of the fall operations the camps were partly filled; then they were filled; next the men made a vacation to somewhere or another; and a shortage occurred which resulted in help having to be brought in from Gaspé. The Gaspé men in the main did not live up to the job, and many of them quit later. They had to be replaced with consequent higher operating costs. Shortly after New Year's the camps got back to somewhere near their normal stride, and production travelled on. Early in March, however, the "spring" exodus took place, but fortunately some woods managers, surmising what was about to happen, had other gangs, in reserve, and kept the work going.

As gauged by returns and published figures, the production of the Ottawa valley mills for 1922, and other years was:—

## Lumber Production

	1922 Feet	1921 Feet	1915 Feet
W. C. Edwards and Co., Ottawa	Gat. Co. Ltd.	Gat. Co. Ltd.	76,000,000
Gatineau Co. Ltd., Ottawa	none	none	
Gatineau Co. Ltd., Rockland	37,000,000	35,000,000	
Gatineau Co. Ltd., Hull, Que.	23,000,000	20,000,000	
J. R. Booth, Co. Ltd., Ottawa	42,000,000	23,000,000	80,000,000
McLachlin Brothers, Ltd., Arnprior	30,000,000	20,000,000	45,000,000
Gillies Bros. Braeside, Ont.	24,900,000	18,400,000	25,800,000
Hawkesbury Lmbr. Co., Hawkesbury.	22,000,000	18,000,000	52,000,000
Colonial Lmbr. Co., Pembroke, Ont.	21,200,000	20,000,000	25,000,000
Gilmour and Houghson, Hull, Que.	Gat. Co. Ltd.	Gat. Co. Ltd.	25,000,000
James MacLaren, Buckingham, Que.	20,000,000	16,000,000	26 000,000
Pembroke Lumber Co., Pembroke, Ont.	18,000,000	18,000,000	19,000,000
Fassett Lmbr. Co. Fassett, Que.	13,000,000	10,000,000	17,904,000
Riordon Co. Ltd., Calumet & Northern Mills	12,500,000	10,466,764	14,982,969
Shepard and Morse, Ottawa, Ont.	9,500,000	5,000,000	13,754,000
James Davidson's & Sons, Ottawa	8,000,000	6,500,000	
Dennis Canadian Co. Whitney, Ont.	4,000,000	3,750,000	6,500,000
Petawawa Lumber Co., Pembroke	D.N.O.	D.N.O.	10,000,000
R. and T. Ritchie, Aylmer, Que.	2,000,000	3,000,000	5,000,000
Smith Bros. Campbell's Bay, Que.	2,880,268	1,500,000	156,000
Papineauville Lumber Company			
Papineauville, Que.	2,000,000	1,500,000	5,000,000
J. Lumsden, Lumsdens Mills	D.N.O.	D.N.O.	15,000,000
Rideau Lumber Co. Ottawa	D.N.O.	D.N.O.	3,000,000
Fraser Lumber Co. Ottawa	D.N.O.	D.N.O.	
Other Places	10,000,000	8,000,000	20,000,000
Total .....	301,980,268	238,116,764	485,096,969

Totals for the last eight years are:

1922 .....	301,980,268	1918 .....	359,000,000
1921 .....	238,116,764	1917 .....	428,200,987
1920 .....	273,825,631	1916 .....	350,908,687
1919 .....	297,950,350	1915 .....	485,096,969

Increase of 1922 cut over that of 1921, 63,863,504 feet.

## Lath Production

Gatineau Company Ltd. Rockland	20,000,000	20,000,000
Gatineau Company Ltd., Hull, Que.	5,000,000	
Gatineau Company Limited, Ottawa	none	
The Pembroke Lumber Co. Pembroke	9,000,000	4,000,000
Hawkesbury Lumber Company	6,000,000	4,000,000
McLachlin Brothers, Limited	6,000,000	3,000,000
The Colonial Lumber Co. Pembroke	4,580,000	3,544,000
Riordon Co. Ltd., Calumet and Northern Mills	4,500,000	3,689,350
J. R. Booth, Ltd., Ottawa	4,500,000	3,000,000
James MacLaren, Buckingham	3,760,000	2,765,000
Fassett Lumber Company Fassett, Que.	3,750,000	1,000,000
Shepard and Morse, Ottawa, Ont.	3,000,000	1,500,000
R. and T. Ritchie	2,500,000	2,000,000
James Davidsons Sons	2,500,000	2,500,000
Gillies Brothers, Braeside, Ont.	1,500,000	600,000
Papineauville Lumber Co., Papineauville, Que.	800,000	none
Smith Bros. Campbell's Bay, Que.	250,000	3,000,000
Other Places	1,500,000	1,000,000
Total .....	79,140,000	55,598,350

The totals for the production of lath, in the Ottawa Valley for the last eight years are:

Year	Pieces	Year	Pieces
1922 .....	79,140,000	1918 .....	45,184,000
1921 .....	55,598,350	1917 .....	74,466,250
1920 .....	56,752,259	1916 .....	50,660,000
1919 .....	45,900,000	1915 .....	81,721,000

The increase in the production of lath in 1922 as compared with the previous year was, 23,551,650 pieces.

## Shingle Production

	1922 Pieces	1921 Pieces
James MacLaren, Buckingham	16,000,000	10,310,000
Gatineau Co. Ltd., Hull, Rockland, & Ottawa	13,000,000	7,250,000
Riordon Company, Ltd., Calumet & Northern Mills	2,000,000	1,500,000
J. R. Booth, Limited, Ottawa	2,000,000	1,250,000
James Davidson's Sons	2,000,000	2,888,000
Dennis Canadian Co., Whitney, Ontario	1,000,000	2,000,000
Smith Brothers, Campbell's Bay	180,000	1,000,000
R. and T. Ritchie, Aylmer, Que.	none	150,000
Other places	2,000,000	1,500,000
Total .....	38,180,000	27,848,000

The shingle production of the Ottawa Valley for the last eight years is as follows:

Year	Pieces	Year	Pieces
1922 .....	38,180,000	1918 .....	19,268,000
1921 .....	27,848,000	1917 .....	21,802,000
1920 .....	29,783,750	1916 .....	27,224,750
1919 .....	33,012,000	1915 .....	35,993,250



# Quebec Thinks That Business Will be Better

*Leading Exponents of Industry Look for Twenty-Five Percent Increase over Last Year.—Some Features of Trade and Interesting Statistical Returns*

With the exception of a few cable messages, no letters to indicate the present condition of the United Kingdom markets and the prospect for sale of Canadian lumber and timber for the coming season of navigation have at time of writing been received from the representatives of the Quebec export firms who sailed in the latter part of January to take observations and solicit orders in the British Isles. In the meantime the advices received by the Quebec lumber firms from the British agents are not altogether encouraging, though in no sense pessimistic. The crux of the situation is due to the unsettled political conditions of Europe and the depreciation of currencies.

Expert economists in all branches of commerce in England, including the leaders in the lumber industry, consulted in February, expressing their views generally on finance and trade, and the prospects for the year 1923, advise caution and avoid predictions of the future. It will be gauged by such expression of opinions by men who as a body are the most unbiased of any class in the commercial world, that too much dependence cannot be placed by the Canadian lumber trade on the United Kingdom markets for the first six months of 1923 at least.

In the meantime a careful telescopic survey of the industrial conditions in England, causes the experienced business men to conclude that there are positive indications in the direction of greater activity and of greater earning power, but, at the same time, a warning that this could not proceed very far in the present disturbed condition of Europe. It is pointed out by the philosophical and mathematical business experts in England that the French action on the Ruhr from a commercial standpoint as well as a phase of trade from the international point of view, Great Britain is of all nations the most dependent on foreign trade, and if for some special cause this home consumption may be increasing and a temporary prosperity apparent, it cannot last, if England's overseas business is not expanding.

## Prospects Are Good for Building

Viewing the timber trade, it is to be admitted that there is a great improvement and the prospects for a far larger consumption than that of 1922. In house building the prospects have not been so bright for years and the shipbuilding and other industries are reviving slowly; railway companies are contemplating large expenditures for repairs as well as other channels in which wood is one of the essential requirements, but the foreign trade is altogether different and, unless political events develop favorably, the opinion is that the prosperity expected for the next six or nine months will likely tend to decline. British timber importers seem to realize this position fully and have lately been purchasing stocks of sawn goods from the Scandinavian shippers for the supply of the home market, but, at the same time for want of confidence in the future, refuse to commit themselves to any large extent. However, the position is such that optimism, attended by a readiness to change at any given time, seems to be the prevailing tendency. But in the present state of Europe, the importing by British lumber interests may be said to be practically in abeyance; nevertheless the representatives of the Quebec exporting firms anticipate a fair business even in excess of last year.

## Depreciated Currencies Under-valued

As pointed out in the advice notes received by the Quebec shipping firms by their United Kingdom agents, who are quite well-known financial authorities on the problem of under-valued currencies, with special reference to Germany, the situation is extremely disquieting. Experience shows that greatly depreciated currencies are often under-valued abroad. That such under valuation may be temporary, but in cases it is of a permanent nature, and the latter will be the case if the internal depreciation of the currency proceeds continually. The foreign purchasers of the currency will have to reckon with the possibility that it will have further depreciated in value in the course of a few months as is at present the case in Germany. It is without doubt the policy of Germany to demoralize the currency of Europe by deflation of the mark to the vanishing

point, and the only way to bring about the stabilization of the mark is to bring back into Germany the floating sums held by foreign countries. And this is what Germany is trying to prevent.

## The Structural Trade Outlook

One of the promising signs for a revival of the sale of timber and sawn lumber in the British Isles is a boom in the building trade. There is a great dearth of dwellings in every section of England and, at the same time, a desire to build. Dealing with this question the reports received are encouraging if they were not marred by the labor situation. At present there is a dispute between labor and building contractors, which if not promptly settled, is likely to seriously interfere with activities in this branch of England's economic situation. Labor leaders in the British Isles, like the labor leaders on this side of the Atlantic in their empiric wisdom, as soon as they sensed a boom in the building trade in England, came forward with a demand for an increase in wages, and the resisting of a reduction. When it is proved that the present scale of wages is so high as to arrest stimulation in trade, men seem to forget that they used to work to benefit themselves and their families and seemingly are now afraid to work in case they might benefit others. Under these lamentable conditions investors are reluctant to invest their money in building and building societies hesitate to make cash advances. These conditions are due to government legislation at the behest of labor, and it would appear that the only remedy would be to abolish the dole which would compel labor to work and bring wages down to their natural level.

In the meantime the Canadian lumber trade is not worrying over the situation as it exists in European countries for the present at least. The Quebec firms can afford to wait for a change in conditions on account of the business they are doing with the American and home markets. Their books are filled with orders from the United States where the building boom still continues and is likely to continue for the next two years, by which period of time they expect to see conditions in Europe improve unless the political difficulties of the present culminate in another war.

As a matter of course, Canadian shippers are anxious to get back into the European markets with the forest products in competition with Scandinavian countries but, to accomplish this end ocean freight rates from the port of Quebec to the ports of the United Kingdom, will have to be lowered to an appreciable extent, but so long as the American demand will last, which taxed the capacity of the Quebec mills last year and promises to be as good or even better this year to have caused an advance in the price from \$5. to \$7. per thousand feet, the Quebec shippers are happy.

## Exports During Last Fiscal Year

Scarcity of cars and interrupted transportation are the only elements for dissatisfaction. It is impossible to obtain the necessary cars from the railroads and the Quebec shippers with orders coming in almost every day for lumber, are at the time of writing at their wits end to deliver the wood ordered to their American customers, and in anticipation of a 25 per cent better business than last year, are naturally chagrined over the car shortage as well as slow movement in transportation.

Quebec lumber operators, discussing the present conditions of trade with the past three years, give out the statement that the business transacted in 1922 was as regards shipments to the United Kingdom fully 80 per cent better than in 1921.

The following is a statement of exports of square timber and lumber at the Port of Quebec, during the fiscal year ended March 31st, 1922:

Item	United Kingdom		Other Countries	
	Domestic	Foreign	Domestic	Foreign
	M. Ft.	Value	M. Ft.	Value
Square timber, white pine	.....	\$174,264	.....	\$15,148
Square timber, hardwood	.....	56,812	.....	.....
Planks and boards	.....	9,062 381,322	.....	11 424
Shooks	.....	7,200	.....	.....

In comparison with the foregoing, the custom statistical returns



bec during the succeeding summer months or season of navigation of 1922 from the month of April to the end of December to have been:—

Planks and boards, spruce .....	M feet	17,446	value	\$547,808
Planks and boards, pine .....	M feet	212	value	21,248
Planks and boards, other kinds .....	M feet	3,099	value	133,639
Timber, square, hardwood .....	M feet	1,230	value	94,162
Timber, square, white pine .....	M feet	1,460	value	161,517
Pulpwood .....	cords	23,189	value	231,890

If the European political horizon had been cleared the Quebec wood shippers expected to have doubled in 1923 the business of 1922 in the United Kingdom, and even now have hopes that a settlement will be made to ameliorate the situation which will tend to reestablish confidence and a renewal of business activities in Europe for the benefit of the Canadian lumber trade and the shipping interests of the St. Lawrence in general.

As predicted in a previous letter, the price of pulpwood is on the upward trend, and at the expiration of all existing contracts the American mills will be called on to pay higher prices than the present. The farmers are now asking from \$2. to \$3. higher for their

wood and the brokers naturally will be compelled to add the higher price for the wood they sell to the American mills under prospective new contracts.

Quebec shippers of pulpwood to American mills are meeting with the same difficulties as the lumber firms in regard to transportation. They find it almost impossible to get the service of cars and, in consequence, unable to ship the wood required to fill their contracts. The day is not far distant when the American paper mill interests will be obliged to come into Canada to establish their mills; that is, if they will depend for their supply of wood on Canadian forests, for the demand at home will be so large that there will be little left of the cut for shipment out of the province. Limit holders say the same thing will apply to the general cutting operations in the woods. Everything in the near future will go into the manufacture of paper.

The general feeling among the lumber interests of Quebec is optimistic for the year 1923, as far as regards the trade, and according to a conservative calculation it is expected that the business done will be better by 25 per cent, at least, than 1922.

## Lumber Industry in Nova Scotia is on Sound Basis.

By R. F. Logan, Halifax



R. F. Logan, Halifax

A review of conditions as affecting the lumber business in Nova Scotia for the past year confirms the opinion that the industry has returned to a good sound basis, and fully justifies the feeling of optimism that is everywhere expressed.

The depression of the last two years, preceded by the wave of inflation following the close of the war, has now been succeeded by more normal conditions. Trade, particularly export is of satisfactory volume, stimulated by a healthy demand while prices have advanced to a point where the manufacturer is able to realize a fair return on his outlay.

Compared with a year ago, the improvement is most encouraging. In the spring of 1922, inventories were large,

while owing to the restricted market, which was limited almost entirely to the United States, the movement of stocks was very slow, and sales for the most part, were made at below the cost of production.

Early in the summer there was a slight flurry in the British market, resulting in some liner business, and several full cargoes of spruce and hardwood were shipped from Halifax and other ports. Some of these cargoes were shipped on consignment, and the character of the market was revealed, when a number of these cargoes had to go into storage, for lack of buyers.

The efforts of the United States to cope with the housing

situation there, began to show results in the summer of 1922, and the success of the various schemes adopted for the purpose of encouraging building resulted in a building boom in that country, and was reflected in a marked increase in the volume of shipments from this province. As a result practically all the old stocks of suitable specifications were cleared out by the end of the year, and prices began to stiffen up. There was some doubt as to whether building would continue through the winter, but since the beginning of the present year there is no decrease in the value of building permits issued in the leading New England centres and competent authorities express the conviction that building activities will continue active for many months.

The course of the British market during the coming months is problematical, and widely divergent views are expressed. The weakening of deal and scantling prices early in February was in all probability attributable to disturbed European conditions, and the nervous state of the market is not likely to disappear until there is a reasonable guarantee of peace in Europe. Overseas trade is still seriously retarded by the high rate of ocean tonnage, which places our goods at a great disadvantage in comparison with wood from the Baltic and other European points, while there is no immediate prospect of any reduction in the existing rate.

The West India business is beginning to show signs of improvement, and there is every promise of a normal trade with the Islands to the South of us during the current year.

Locally the outlook for the coming year is for a demand well up to normal. There is not much new business yet definitely settled on in and around Halifax, but the quantity of lumber required for consumption in the larger industrial centres will be considerably in excess of last year.

Taking the situation as a whole, and making due allowance for unforeseen happenings, there is every reason for a feeling of satisfaction during the coming year, and the buoyancy of the market has gone far to dispel the feeling of uncertainty that has been experienced the past two years.

## Timber Exports of England from Different Countries.

Through the courtesy of H. R. Goodday & Co., timber exporters of Quebec, P.Q., the "Canada Lumberman" has been favored with a table showing the comparative volume of sawn lumber imported into England from various countries during the years 1912 to 1920 inclusive. The quantities are in loads of 600 feet, B.M.

	1912	1913	1914	1915
Russia	2,814,761	3,363,344	1,847,346	858,244
Sweden	1,221,535	1,370,468	1,364,822	1,838,630
Norway	310,607	294,617	263,926	531,484
Germany	60,682	94,738	83,405	.....
Canada	895,496	961,539	853,364	1,134,222
U.S.A.	436,909	510,593	382,906	432,454
<b>Loads</b>	<b>5,739,990</b>	<b>6,595,299</b>	<b>4,795,769</b>	<b>4,795,034</b>
	1916	1917	1918	1919
	667,884	290,625	65,685	1,013,208
				1,135,441

1,563,557	625,682	778,272	1,611,531	1,739,789
433,675	446,830	428,778	400,170	282,996
.....	.....	.....	.....	45,772
813,270	182,949	157,989	1,147,480	813,781
410,607	134,916	125,507	438,619	249,411

3,888,993 1,168,002 1,556,231 4,611,008 4,267,190  
The imports from Russia in 1919 and 1920 are mostly from Finland

In the recent Board of Trade elections in Toronto, J. L. Campbell, of the firm of J. P. Johnson & Son, wholesale lumbermen, was elected a member of the Council of the Board. As representative on the Canadian National Exhibition Board, Sam McBride, lumber merchant, and Capt. J. P. Beaty of the Beaty Timber Co., Limited, were among those who were returned.



# Statement Showing Quantity and Value of Canadian Forest Products (Unmanufactured and Manufactured) Exported from Canada for the Period of Nine Months Ended December 31, 1920, 1921 and 1922

Wood, Unmanufactured				United States	M ft.	69,581	40,507	146,552
Logs and Round Timber		Nine months ending December		Australia	M ft.	2,376,318	791,812	2,866,052
Fence posts—		1920	1921					
To United States		\$ 149,590	27,608	53,608	M ft. <th>13,297</th> <th>12,261</th> <th>23,789</th>	13,297	12,261	23,789
Other countries		\$			\$ <th>572,445</th> <th>294,825</th> <th>619,228</th>	572,445	294,825	619,228
Total		\$ 149,590	27,608	53,608	M ft. <th>61</th> <th>3,082</th> <th>829</th>	61	3,082	829
Logs, cedar—					\$ <th>2,196</th> <th>72,778</th> <th>18,487</th>	2,196	72,778	18,487
To United States		M ft. 16,455	39,465	43,934	M ft. <th>5,228</th> <th>1,154</th> <td></td>	5,228	1,154	
		\$ 427,874	680,014	882,704	\$ <th>193,610</th> <th>30,604</th> <td></td>	193,610	30,604	
Japan		M ft. 56	10,662	17,084	M ft. <th>2,609</th> <th>11,959</th> <td>17</td>	2,609	11,959	17
		\$ 2,800	226,293	394,972	\$ <th>101,060</th> <th>227,478</th> <th>355,931</th>	101,060	227,478	355,931
Other countries		M ft.	475		M ft. <td></td> <th>1,191</th> <td></td>		1,191	
		\$	10,000		\$ <td><th>35,664</th><td></td></td>	<th>35,664</th> <td></td>	35,664	
Total		M ft. 16,511	50,602	61,032	M ft. <td></td> <th>508</th> <th>1,211</th>		508	1,211
		\$ 430,674	916,307	1,278,393	\$ <td></td> <th>15,149</th> <th>40,715</th>		15,149	40,715
Logs, hardwood—					M ft. <td></td> <th>495</th> <td></td>		495	
To United Kingdom		M ft. 1,401	510	681	\$ <td></td> <th>10,686</th> <td></td>		10,686	
		\$ 86,909	24,965	32,869	M ft. <td></td> <th>1,550</th> <th>352</th>		1,550	352
United States		M ft. 4,738	2,234	2,995	\$ <td></td> <th>23,291</th> <th>7,101</th>		23,291	7,101
		\$ 97,869	54,938	44,257	M ft. <td></td> <th>12,761</th> <th>12,688</th>		12,761	12,688
Other countries		M ft. 18		84	\$ <td></td> <th>352,379</th> <th>387,698</th>		352,379	387,698
		\$ 5,480		3,548	M ft. <td>283<th>3</th><th>27</th></td>	283 <th>3</th> <th>27</th>	3	27
Total		M ft. 6,157	2,744	3,760	\$ <th>24,002</th> <th>264</th> <th>1,004</th>	24,002	264	1,004
		\$ 190,258	79,903	80,674	M ft. <td>3,752</td> <th>2,405</th> <th>2,141</th>	3,752	2,405	2,141
Logs, pine—					\$ <th>153,831</th> <th>67,784</th> <th>68,575</th>	153,831	67,784	68,575
To United Kingdom		M ft. 1,357		209	M ft. <td>4,240</td> <td></td> <th>1,398</th>	4,240		1,398
		\$ 146,638		3,880	\$ <th>165,358</th> <td></td> <th>29,960</th>	165,358		29,960
United States		M ft. 305	1,130		M ft. <td>791</td> <td></td> <td></td>	791		
		\$ 9,521	32,052		\$ <th>27,005</th>	27,005		
Other countries		M ft.			M ft. <td>266</td> <td>1,727</td> <th>1,197</th>	266	1,727	1,197
		\$			\$ <th>12,423</th> <th>52,413</th> <th>36,225</th>	12,423	52,413	36,225
Total		M ft. 1,662	1,130	209	M ft. <th>111,667</th> <th>91,782</th> <th>214,803</th>	111,667	91,782	214,803
		\$ 156,159	32,052	3,880	\$ <th>4,205,698</th> <th>2,045,825</th> <th>4,639,886</th>	4,205,698	2,045,825	4,639,886
Logs, spruce—					Planks and boards, hemlock—			
To United States		M ft. 5,323	18,882	9,943	To United Kingdom	M ft.	93	461
		\$ 174,862	362,745	149,473		\$	2,501	10,695
Other countries		M ft. 143	106	6	United States	M ft.	19,347	39,996
		\$ 4,337	3,150	180		\$	520,204	916,979
Total		M ft. 5,471	18,988	9,949	B. W. I.—Barbados	M ft.	304	154
		\$ 179,483	365,895	149,653		\$	6,857	3,396
Masts and spars—					Japan	M ft.	3,073	3,071
To United States		\$		42		\$	63,946	71,886
Newfoundland		\$ 735		975	Other countries	M ft.	60	308
St. Pierre and Miquelon		\$ 3,669	856	1,366		\$	1,440	7,647
Other countries		\$ 15,343	2,830	1,748	Total	M ft.	22,877	43,990
Total		\$ 19,887	3,747	4,131		\$	594,948	1,010,603
Piling—					Planks and boards, pine—			
To United States		Lin. ft. 1,625,993	1,001,607	1,096,219	To United Kingdom	M ft.	68,708	30,217
		\$ 204,090	107,640	89,559		\$	5,129,915	2,528,831
China		Lin. ft. 25,844			United States	M ft.	329,525	216,603
		\$ 14,478				\$	15,110,897	8,781,612
Other countries		Lin. ft. 7,197	34,149	202,645	Argentine Republic	M ft.	6,323	1,095
		\$ 6,414	5,815	20,487		\$	530,891	86,439
Total		Lin. ft. 1,659,634	1,035,756	1,298,864	British Guiana	M ft.	1,978	527
		\$ 224,982	113,456	110,046		\$	117,922	28,426
Poles, telegraph and telephone—					British South Africa	M ft.	1,347	73
To United States		No. 95,606	131,073	250,788		\$	84,042	6,666
		\$ 387,591	551,443	1,004,975	B. W. I.—Barbados	M ft.	1,781	815
Other countries		No. 127	491	2,886		\$	92,591	31,252
		\$ 1,890	2,860	13,655	Jamaica	M ft.	31	157
Total		No. 95,733	131,564	253,674		\$	1,838	3,581
		\$ 389,481	554,303	1,018,630	Trinidad and Tobago	M ft.	847	551
Poles, other—						\$	55,029	32,077
To United States		\$ 1,236	3,214	4,292	Other B. W. I.	M ft.	1,358	380
Other Countries		\$ 265		515		\$	76,845	19,062
Total		\$ 1,501	3,214	4,807	Canary Islands	M ft.	982	
Railroad ties—						\$	51,512	21,737
To United Kingdom		No. 570,287		898	Cuba	M ft.	1,058	38
		\$ 859,562		2,210		\$	57,254	3,183
United States		No. 1,100,042	404,323	350,811	French West Indies	M ft.	526	297
		\$ 1,069,075	395,704	284,477		\$	39,047	20,324
B. E. I.—India		No.		154,000	Newfoundland	M ft.	427	5
		\$		135,714		\$	21,829	424
China		No. 11,000	451,197	1,050	Uruguay	M ft.	983	194
		\$ 6,352	316,257	1,067		\$	82,513	17,446
Egypt		No.	138,529	111,802	Other countries	M ft.	891	226
		\$	200,509	44,209		\$	59,136	13,978
Other countries		No. 5,275	600	126,365	Total	M ft.	416,825	251,178
		\$ 3,305	295	57,443		\$	21,511,261	11,573,301
Total		No. 1,686,604	994,649	745,526	Planks and boards, spruce—			
		\$ 1,938,294	912,765	525,120	To United Kingdom	M ft.	299,838	59,747
Lumber						\$	12,262,943	2,013,228
Planks and boards, fir—					United States	M ft.	463,926	391,841
To United Kingdom		M ft. 10,462	2,179	6,899		\$	18,170,354	11,778,103
		\$ 525,133	55,698	208,010	Argentine Republic	M ft.	16,938	824
						\$	785,085	35,150



## Canadian Forest Products Exported—Continued

Australia	M ft.	72	378	4,948	Other countries	M	387	1,612	437
	\$	3,095	10,674	160,970		\$	3,601	6,328	2,809
Bermuda	M ft.	168	467	379	Total	M	351,774	731,262	1,056,102
	\$	8,125	12,672	13,036		\$	3,233,420	4,766,876	6,317,929
British Guiana	M ft.	279	119	169	Pickets—				
	\$	14,494	5,737	5,882	To United Kingdom	M	428	67	873
British South Africa	M ft.	7,091	676	2,322		\$	10,375	2,760	16,327
	\$	311,573	25,675	72,483	United States	M	41,703	20,186	36,630
B. W. I.—Barbados	M ft.	693	435	1,330		\$	465,997	223,947	390,980
	\$	34,717	14,233	31,047	Australia	M	920	393	962
Jamaica	M ft.	5	56	91		\$	23,516	8,367	20,312
	\$	203	1,835	3,038	Other countries	M			25
Trinidad and Tobago	M ft.	205	62	177		\$			25
	\$	10,659	4,665	4,952	Total	M	43,051	20,646	38,465
Other B. W. I.	M ft.	351	120	204		\$	499,888	235,074	427,644
	\$	20,698	4,451	5,318	Shingles of wood—				
Canary Islands	M ft.	693	394	702	To United Kingdom	M	32	241	64
	\$	36,517	16,849	21,353		\$	199	1,054	318
China	M ft.	12	59		United States	M	1,404,137	1,789,306	1,908,871
	\$	987	3,661			\$	7,751,163	6,163,388	1,721,436
Cuba	M ft.	9,689		613	B. W. I.—Barbados	M	23,259	2,520	9,167
	\$	476,893		15,940		\$	106,959	5,233	18,984
France	M ft.			24	Jamaica	M			51
	\$			1,600		\$			377
Japan	M ft.	30		5	Trinidad and Tobago	M	25		
	\$	2,616		450		\$	125		
Newfoundland	M ft.	2,555	3		Other B. W. I.	M	1,944	1,135	2,061
	\$	105,674	135			\$	10,712	5,212	6,369
Porto Rico	M ft.	680	774	1,466	Newfoundland	M	1,605	506	744
	\$	30,055	25,689	29,992		\$	11,386	2,785	3,974
St. Pierre and Miquelon	M ft.	117	199	992	New Zealand	M	5,048	4,187	3,950
	\$	6,152	7,448	6,974		\$	28,595	11,452	14,853
Uruguay	M ft.	1,893	144	195	Other countries	M	566	41	116
	\$	95,851	4,844	6,424		\$	3,254	214	570
Other countries	M ft.	1,006	73	667	Total	M	1,436,616	1,797,936	1,925,024
	\$	43,768	3,733	21,147		\$	7,912,393	6,189,338	7,767,881
Total	M ft.	806,241	456,371	936,303	Shooks—				
	\$	32,420,459	13,968,782	23,779,781	To United Kingdom	\$	196,778	38,657	40,090
Planks and boards, other—					United States	\$	76,547	43,896	12,535
To United Kingdom	M ft.	13,556	3,631	19,540	Australia	\$	200,929	33,921	121,931
	\$	855,684	186,497	733,871	Bermuda	\$	40,138	5,022	8,649
United States	M ft.	98,333	39,236	71,283	B. E. I.—Straits Settlements	\$	60,114	286,902	36,959
	\$	5,346,923	2,035,104	3,473,145	British South Africa	\$		5,504	
Japan	M ft.	28	2,696	1,862	B. W. I.—Barbados	\$	1,161		50
	\$	2,004	92,719	55,102	Jamaica	\$	1,913	500	1,322
Newfoundland	M ft.	640	55	127	Trinidad and Tobago	\$	16,504	10,058	13,487
	\$	39,382	5,707	6,816	Other B. W. I.	\$		1,150	395
Other countries	M ft.	982	210	946	Mexico	\$	35,222		
	\$	49,662	7,903	37,730	To United Kingdom	\$	753,461	664,417	387,692
Total	M ft.	113,539	45,828	19,758	Newfoundland	\$	16,785	149	314
	\$	6,293,655	2,327,930	4,306,664	Other countries	\$	13,478	10,868	87,779
Timber, square, Douglas fir—					Totals	\$	659,596	437,627	323,511
Timber, Square.					Veneers and plywoods—				
To United Kingdom	M ft.	3,331	1,810	1,635	To United Kingdom	\$		447	19,948
	\$	163,017	41,138	52,778	United States	\$		23,526	31,449
United States	M ft.	2,505	1,262	2,194	New Zealand	\$		30,658	35,258
	\$	71,211	20,864	37,921	Other countries	\$		6,379	73,668
Australia	M ft.	6,386	8,824	14,802	Total	\$		61,010	160,323
	\$	255,028	214,787	323,188	Pulpwood—				
B. E. I.—India	M ft.	36	1,767	568	To United States	Cord	1,087,360	564,446	749,811
	\$	1,447	43,164	12,351		\$	14,125,577	7,229,593	7,710,205
To British South Africa	M ft.	2,479	1,984	1,300	Other countries	Cord			
	\$	97,456	54,938	29,005		\$			
China	M ft.	3,579	1,577	926	Total	Cord	1,087,360	564,446	749,811
	\$	118,659	38,312	16,787		\$	14,125,577	7,229,593	7,710,205
Hong Kong	M ft.	1,582	900	509	Spoolwood—				
	\$	69,286	21,440	13,934	To United Kingdom	\$	753,461	664,417	387,629
Japan	M ft.	3,306	19,474	9,879	United States	\$	87,653	22,805	40,355
	\$	130,398	495,079	212,086	Other countries	\$			
New Zealand	M ft.	408	591	890	Total	\$	841,114	687,222	427,984
	\$	13,402	14,282	20,769	Total wood, unmanufactured or				
Philippine Islands	M ft.	1,822			partially manufactured—				
	\$	59,108			To United Kingdom	\$	21,621,377	5,929,900	10,406,280
Other countries	M ft.	328	81	524	United States	\$	69,683,862	45,390,934	63,064,080
	\$	17,315	1,880	14,668	Other countries	\$	6,206,991	4,058,377	4,872,005
Total	M ft.	25,762	38,270	33,227	Total	\$	97,512,230	55,388,211	78,342,365
	\$	996,328	945,884	733,487	Wood, Manufactured.				
Timber, square, hardwood—					Cooperage				
To United Kingdom	M ft.	3,420	1,019	2,240	Barrels, empty—				
	\$	240,067	64,225	135,191	To United Kingdom	No.	20	1,512	
United States	M ft.	230	150	16		\$	200	3,896	
	\$	13,172	11,299	1,012	United States	No.	14,865	10,318	1,742
Other countries	M ft.	45	1			\$	35,722	26,794	6,262
	\$	3,690	211		Newfoundland	No.		10	
Total	M ft.	3,659	1,170	2,256		\$		10	
	\$	256,929	75,735	136,203	St. Pierre and Miquelon	No.	700	5,556	4,190
Timber, square, white pine—						\$	1,833	13,868	7,628
To United Kingdom	M ft.	1,337	1,257	1,837	Other countries	No.	1,229	321	5,140
	\$	136,536	174,264	181,028		\$	5,240	942	8,067
United States	M ft.	67			Total	No.	16,814	17,717	11,072
	\$	3,301				\$	42,995	45,510	21,957
Other countries	M ft.	4	458		Pails, tubs, churns and other				
	\$	437	25,433		hollow woodenware—				
Total	M ft.	1,408	1,715	1,837	To United Kingdom	\$	5,812	3,377	4,249
	\$	140,274	199,697	181,028	United States	\$	13,942	16,153	
Laths of wood—					France	\$	15,350		
To United States	M	340,063	726,399	1,040,755	Newfoundland	\$	245		120
	\$	3,127,906	4,745,805	6,217,384	Other countries	\$	2,357	1,950	847
Australia	M	8,969	2,305	13,107	Total	\$	37,706	21,480	5,216
	\$	78,749	10,026	84,963	Staves and headings—				
New Zealand	M	2,348	934	1,796	To United Kingdom	\$	27,539	470	450
	\$	23,099	4,627	12,728	United States	\$	102,496	19,742	12,426



Bermuda .....	\$	5,281		400
B. E. I.—Straits Settlements .....	\$	24,608	914	
B. W. I.—Barbados .....	\$	5,496	84	8,829
Jamaica .....	\$	350		
Trinidad and Tobago .....	\$	5,250		
Other B. W. I. ....	\$	360	827	4,345
Other countries .....	\$	9,098	1,800	7,845
Total .....	\$	108,478	23,837	34,295
Wood Pulp				
Wood pulp, sulphate (kraft)—				
Total .....	Cwt.	2,027,587	1,664,357	2,253,521
	\$	10,665,430	5,703,918	6,963,864
Wood pulp, sulphate, bleached—				
Total .....	Cwt.	1,644,841	1,238,941	2,313,526
	\$	13,231,216	5,576,279	9,243,864
Wood pulp, sulphate, unbleached—				
Total .....	Cwt.	4,373,666	2,136,412	3,443,866
	\$	25,763,115	7,181,308	8,422,578
Wood pulp, mechanically prepared—				
Total .....	Cwt.	4,921,759	4,109,593	5,068,087
	\$	15,567,541	8,347,435	7,301,426
Total wood pulp—				
To United Kingdom ....	Cwt.	2,176,437	1,819,577	2,428,149
	\$	7,678,274	5,781,879	4,200,657
United States .....	Cwt.	9,649,144	6,730,027	9,421,252
	\$	52,971,710	18,731,717	25,229,631
Other countries .....	Cwt.	1,142,272	599,699	1,229,599
	\$	4,577,318	2,295,344	2,501,624
Total .....	Cwt.	12,967,853	9,146,303	13,079,000
	\$	65,227,302	26,808,940	31,931,912
Other Wood products				
Coffins, caskets and parts—				
To United States .....	\$	5,218	4,013	3,776
Newfoundland .....	\$	5,218	4,013	3,776
Other countries .....	\$	5,654	6,369	4,327
Total .....	\$	12,431	10,459	8,276

Doors, sashes and blinds of wood—				
To United Kingdom .....	\$	51,882	35,814	15,450
United States .....	\$	7,898	1,159	512
British South Africa .....	\$	27,165	5,810	11,202
New Zealand .....	\$	70,695	28,198	43,396
Other countries .....	\$	10,012	10,440	5,367
Total .....	\$	167,652	81,421	75,927
Furniture of wood—				
To United Kingdom .....	\$	225,020	6,219	22,770
United States .....	\$	42,378	78,328	64,874
Argentine Republic .....	\$	11,682	2,317	50
Bermuda .....	\$	4,999	4,904	8,050
British Guiana .....	\$	3,445	2,555	4,985
British South Africa .....	\$	143,122	22,880	18,529
B. W. I.—Barbados .....	\$	3,693	2,160	1,792
Jamaica .....	\$	9,383	3,655	1,461
New Zealand .....	\$	88,131	6,769	9,935
Trinidad and Tobago .....	\$	10,371	6,536	4,947
Other B. W. I. ....	\$	2,818	8,136	1,659
Colombia .....	\$	2,755	14,525	626
Cuba .....	\$	21,876	5,150	50
Newfoundland .....	\$	94,919	22,298	26,303
Other countries .....	\$	26,695	6,960	11,118
Total .....	\$	691,287	193,392	177,149
Handles of wood, of all kinds—				
To United Kingdom .....	\$	16,292	11,585	11,645
United States .....	\$	62,629	145,102	111,201
British South Africa .....	\$	17,248	4,064	4,064
Newfoundland .....	\$	4,026	2,358	3,453
New Zealand .....	\$	1,522	2,258	146
Other countries .....	\$	1,015	1,282	3,374
Total .....	\$	102,732	166,649	133,883
Total wood, manufactured—				
To United Kingdom .....	\$	8,386,644	6,513,116	4,720,685
United States .....	\$	54,029,445	19,420,160	25,852,185
Other countries .....	\$	5,776,279	2,702,684	2,982,032
Total .....	\$	68,187,368	28,635,960	33,554,902

## Statement Showing Quantity and Value of Forest Products (Unmanufactured and Manufactured) Imported into Canada for Consumption for the Nine Months Period Ended December 31, 1920, 1921, and 1922

Wood Unmanufactured				
Nine Months ending December				
Logs and Round Timber				
Poles, telegraph and telephone—				
		1920	1921	1922
From United States .....	No.	106,597	18,154	1,560
	\$	253,413	44,604	4,912
Other countries .....	No.			
	\$			
Total .....	No.	106,597	18,154	1,560
	\$	253,413	44,04	4,912
Railroad ties—				
From United States .....	No.	929,239	1,004,428	432,569
	\$	1,045,614	1,660,932	513,205
Other countries .....	No.			2,684
	\$			2,147
Total .....	No.	929,239	1,004,428	435,253
	\$	1,045,614	1,660,932	515,352
Logs and round unmanufactured timber, n.o.p.—				
From United States .....	\$	349,688	308,696	212,296
Alaska .....	\$	1,973	21,685	123
Other countries .....	\$	1,864	5,159	
Total .....	\$	359,325	335,540	212,445
Lumber and timber, planks and boards, when not otherwise manufactured than rough sawn or split, whether creosoted, vulcanized or treated by any other preserving process or not, and planks, boards, and other lumber not further manufactured than dressed on one side only, viz:—				
African teak, amaranth, black heart, boxwood, cocoboral, dogwood, lignum vitae, persimmon, red cedar and satin wood—				
From United Kingdom ...	\$	17,744	210	1,641
United States .....	\$	38,685	17,893	14,142
Other countries .....	\$	5,101	326	7,307
Total .....	\$	61,530	18,429	23,090
Cherry, chestnut and hickory—				
From United States .....	M ft.	8,834	4,039	7,805
	\$	1,029,967	323,593	656,652
Other countries .....	M ft.			
	\$			
Total .....	M ft.	8,834	4,039	7,805
	\$	1,029,967	323,593	656,652
Gumwood—				

From United States .....	M ft.	10,246	5,762	8,234
	\$	925,439	330,412	337,045
Other countries .....	M ft.	3	59	
	\$	318	6,346	
Total .....	M ft.	10,249	5,821	8,234
	\$	925,757	336,758	337,045
Mahogany—				
From United Kingdom ..	Feet	1,230	20,875	10,860
	\$	638	4,807	2,192
United States .....	Feet	1,977,255	407,368	516,746
	\$	507,306	89,110	73,176
Other countries .....	Feet	59,203		11,672
	\$	7,226		1,246
Total .....	Feet	2,037,688	428,243	539,278
	\$	515,170	93,917	76,614
Oak—				
From United States .....	M ft.	31,410	15,066	26,223
	\$	3,978,082	1,134,560	1,696,827
Other countries .....	M ft.	90	47	26
	\$	11,395	6,826	1,588
Total .....	M ft.	31,500	15,113	26,249
	\$	3,989,477	1,141,386	1,698,422
Pitch pine—				
From United States .....	M ft.	27,916	23,252	19,742
	\$	1,418,277	571,827	710,860
Other countries .....	M ft.			
	\$			
Total .....	M ft.	27,916	23,252	19,742
	\$	1,418,277	571,827	710,860
Redwood—				
From United States .....	Feet	194,645	90,840	553,066
	\$	15,213	8,733	24,859
Other countries .....	Feet	8,000		
	\$	240		
Total .....	Feet	202,645	90,840	553,066
	\$	15,453	8,733	24,859
Rosewood—				
From United States .....	Feet	9,055	753	1,160
	\$	3,747	805	1,160
Other countries .....	Feet			
	\$			
Total .....	Feet	9,055	753	5,005
	\$	3,747	805	1,160
Spanish cedar—				
From United States .....	Feet	66,047	23,236	109,738
	\$	14,327	7,941	11,614



## Forest Products Imported into Canada—Continued

Other countries .....	Feet				Total .....	No.	189,855	112,881	71,893
	\$					\$	303,013	138,817	112,949
Total .....	Feet	66,047	23,236	109,738	Barrels containing petroleum or its				
	\$	14,327	7,941	11,614	products, or any mixture of which				
Sycamore—					petroleum forms a part, when such				
From United States .....	Feet	75,262	39,340		contents are chargeable with a				
	\$	7,404	1,085		specific duty—				
Other countries .....	Feet				From United Kingdom ...	No.	952	60	72
	\$					\$	2,104	180	183
Total .....	Feet	75,262	39,340	141	United States .....	No.	4,912	4,069	4,765
	\$	7,404	1,085	31		\$	10,362	8,070	10,053
Walnut—					Other countries .....	No.	15	311	114
From United States .....	Feet	1,378,757	585,593	985,202		\$	15	505	114
	\$	265,002	92,139	141,963	Total .....	No.	5,879	4,440	4,951
Other countries .....	Feet					\$	12,481	8,755	10,350
	\$				Staves of oak, sawn, split or cut,				
Total .....	Feet	1,378,757	585,593	985,202	not further manufactured than				
	\$	265,002	92,139	141,963	listed or jointed—				
White ash—					From United States .....	M	5,812	2,392	2,249
From United States .....	Feet	533,619	285,158	638,717		\$	407,243	164,059	94,116
	\$	109,504	24,967	51,820	Other countries .....	M			
Other countries .....	Feet				Total .....	M	5,812	2,392	2,249
	\$					\$	89,414	30,835	54,664
Total .....	Feet	533,619	285,158	638,717	Total .....	\$	407,243	164,059	94,116
	\$	109,504	24,967	51,820	Staves and stave materials of wood,				
Whitewood or yellow poplar—					other than oak, listed or jointed,				
From United States .....	M ft.	4,028	1,609	1,988	and improved in condition, but not				
	\$	497,180	132,102	157,700	bevelled at the ends—				
Other countries .....	M ft.			24	From United States .....	\$	194,990	56,485	64,190
	\$			2,485	Other countries .....	\$			
Total .....	M ft.	4,028	1,609	2,012	Total .....	\$	194,990	56,485	64,190
	\$	497,180	132,102	160,185	Woodenware, pails and tubs—				
Lumber, rough sawn, or dressed on					From United Kingdom ...	\$	133	129	
one side only, n.o.p., including clap-					United States .....	\$	45,534	9,910	10,816
boards—					Other countries .....	\$			4
From United States .....	M ft.	41,050	37,783	47,128	Total .....	\$	45,667	10,039	10,820
	\$	2,680,764	1,243,354	1,634,319	Wood, Turned and Carved.				
Other countries .....	M ft.	149	180	294	Handles, D shovel, wholly of wood,				
	\$	11,125	7,420	10,494	and wood handles for manufacture				
Total .....	M ft.	41,200	37,963	48,422	of D shovel handles—				
	\$	2,692,003	1,250,848	1,644,870	From United States .....	\$	89,414	30,835	54,664
Lumber and Timber, n.o.p.					Other countries .....	\$			
Sawed boards, planks, deals, planed					Handles of all kinds, ash—				
or dressed on one or both sides,					From United States .....	\$	78,622	26,399	35,585
when the edges thereof are joined					Other countries .....	\$		11	
or tongued and grooved—					Total .....	\$	78,622	26,418	35,670
From United States .....	M ft.	1,861	6,006	4,310	Handles of all kinds, hickory—				
	\$	153,818	222,948	229,324	United States .....	\$	65,483	54,447	52,864
Other countries .....	M ft.	13	6	18	Other countries .....	\$			
	\$	561	245	1,029	Total .....	\$	65,483	54,460	52,864
Total .....	M ft.	1,891	6,012	4,328	Handles of all kinds, n.o.p.—				
	\$	180,173	223,193	230,353	From United Kingdom ...	\$	404	388	359
Timber, hewn or sawn, squared or					United States .....	\$	79,987	42,482	47,933
sided, or creosoted, etc.—					Other countries .....	\$		17	
From United States .....	\$	130,302	19,130	29,273	Total .....	\$	80,391	42,887	48,292
Other countries .....	\$		4,069	4,930	Lasts of wood—				
Total .....	\$	130,335	23,199	35,152	From United Kingdom ...	\$		226	492
Other Sawmill and Planing Mill					United States .....	\$	28,230	44,281	30,773
Products, n.o.p.					Other countries .....	\$			
Laths—					Total .....	\$	28,230	44,507	31,265
From United States .....	M	8,182	2,451	726	Oak and hickory spokes not further				
	\$	78,315	14,270	4,868	manufactured than rough turned,				
Other countries .....	M				and not tenoned or sized—				
	\$				From United States .....	\$	234,537	74,108	144,545
Total .....	M	8,182	2,451	726	Other countries .....	\$			
	\$	78,315	14,270	4,868	Total .....	\$	243,537	74,108	144,545
Shingles—					Walking sticks and walking canes				
From United States .....	M	7,824	3,614	8,872	of all kinds—				
	\$	27,029	17,697	32,405	From United Kingdom ...	\$	9,027	6,614	4,820
Other countries .....	M	3	1	14	United States .....	\$	16,719	9,361	7,716
	\$	18	3	59	Other countries .....	\$	372	1,142	733
Total .....	M	7,827	3,615	8,886	Total .....	\$	26,118	17,117	13,269
	\$	27,047	17,700	32,464	Wood pulp				
Veneers of oak, rosewood, mahogany,					Soda pulp—				
Spanish cedar and walnut, not					Total .....	Lb.	1,222,892	328,126	2,415,490
over 3/32 of an inch in thickness—						\$	81,030	15,564	87,022
From United States .....	\$	517,588	203,516	143,968	Unbleached sulphate pulp—				
Other countries .....	\$				Total .....	Lb.	20,149,242	19,618,369	23,364,401
Total .....	\$	517,605	203,516	143,986		\$	802,685	770,999	624,413
Veneers of wood, n.o.p., not over					Bleached sulphate pulp—				
3/32 of an inch in thickness—					Total .....	Lb.		50,237	268,419
From United States .....	\$	245,706	45,261	61,498		\$		2,200	10,775
Other countries .....	\$				Wood pulp, mechanically or chemically				
Total .....	\$	245,706	45,461	61,498	prepared, n.o.p.—				
Total Wood, Unmanufactured or					Total .....	Lb.	14,241,023	157,969	240,700
Partially Manufactured—						\$	898,084	797,183	734,352
From United Kingdom ..	\$	65,965	20,098	12,342	Total Wood Pulp—				
United States .....	\$	15,690,157	6,898,496	7,154,963		\$	898,084	8,420	12,142
Other countries .....	\$	62,220	70,815	37,259	From United Kingdom ...	Lb.	2,145	2,800	2,900
Total .....	\$	15,818,342	6,989,409	7,204,564		\$	652	842	539
WOOD, MANUFACTURED.					United States .....	Lb.	35,611,012	20,154,701	26,289,010
Cooperage.						\$	1,781,147	796,341	733,813
Barrels, empty—					Other countries .....	Lb.			
From United Kingdom ...	No.	1,387	77	514		\$			
	\$	1,833	217	726	Total .....	Lb.	35,613,157	20,154,701	26,289,010
United States .....	No.	187,333	112,130	70,063		\$	1,781,799	797,183	734,352
	\$	299,472	137,012	109,656	Other Manufactured Wood				
Other countries .....	No.	1,135	674	1,316	Bobbins, shuttles and spools—				
	\$	1,708	1,588	2,567	From United Kingdom ...	\$			881
					United States .....	\$			120,557
					Other countries .....	\$			5
					Total .....	\$			121,443



Caskets and coffins, and metal parts thereof—			
From United States .....	\$ 71,156	52,196	71,595
Other countries .....	\$		
Total .....	\$ 71,156	52,196	71,595
Doors of wood—			
From United States .....	\$ 195,089	281,158	512,323
Other countries .....	\$		64
Total .....	\$ 195,089	281,380	512,387
Fibre, kartavert, indurated fibre vulcanized fibre and like material, and manufactures of, n.o.p.—			
From United Kingdom .....	\$ 1,646	675	1,789
United States .....	\$ 408,318	237,183	265,265
Other countries .....	\$ 14	218	43
Total .....	\$ 409,978	238,076	267,097
Furniture, house, office, cabinet or store furniture of wood or other material, n.o.p., in parts or finished—			
From United Kingdom .....	\$ 92,271	95,321	81,259
United States .....	\$ 1,157,076	724,251	781,717
Belgium .....	\$ 4,978	4,961	854
China .....	\$ 2,795	2,428	3,377
Czecho-Slovakia .....	\$	33,966	20,102
France .....	\$ 7,492	27,417	11,067
Hong Kong .....	\$ 68,688	55,314	59,370
Italy .....	\$ 5,091	4,780	6,045
Japan .....	\$ 16,589	6,218	3,453
Netherlands .....	\$ 27	9,601	2,674
Other countries .....	\$ 2,435	1,681	3,720
Total .....	\$ 1,357,442	965,938	973,638
Mouldings, plain, gilded or otherwise further manufactured—			

From United Kingdom .....	\$ 106	13	116
United States .....	\$ 59,758	42,157	54,707
Other countries .....	\$		
Total .....	\$ 59,864	42,170	54,823
Window sash—			
United States .....	\$ 18,927	1,537	5,098
Other countries .....	\$ 10	154	103
Total .....	\$ 18,937	1,711	5,201
Woodenware, churns, n.o.p., washboards, pounders and rolling pins—			
From United Kingdom .....	\$ 87	279	107
United States .....	\$ 17,056	9,156	19,824
Other countries .....	\$	3	247
Total .....	\$ 17,143	9,438	20,178
Manufactures of wood, n.o.p.—			
From United Kingdom .....	\$ 82,005	80,355	123,246
United States .....	\$ 2,641,206	1,333,295	1,095,090
France .....	\$ 56,441	61,763	32,174
Hong Kong .....	\$ 3,755	3,381	4,112
Japan .....	\$ 53,931	24,162	23,862
Switzerland .....	\$ 2,921	6,163	3,140
Other countries .....	\$ 6,136	23,582	22,391
Total .....	\$ 2,846,445	1,532,701	1,304,015
Total Wood, Manufactured—			
From United Kingdom .....	\$ 263,464	241,475	222,149
United States .....	\$ 8,250,516	4,405,222	4,580,568
Other countries .....	\$ 551,210	397,865	283,107
Total .....	\$ 9,065,190	5,044,562	5,085,824
Total Wood and Wood Products—			
From United Kingdom .....	\$ 329,429	261,573	234,491
United States .....	\$ 23,940,673	11,303,718	11,735,631
Other countries .....	\$ 613,430	468,680	320,366
Total .....	\$ 24,883,532	12,033,971	12,290,388

## Lumber Cut in New Brunswick Will be Up to Normal

By T. G. Loggie, Fredericton  
Deputy Minister of Lands and Forests



T. G. Loggie, Fredericton, N.B.

The estimated annual cut of lumber from Crown Lands in New Brunswick will reach and probably exceed 210,000,000 board feet. This statement is compiled from the January reports and will be followed by a more detailed estimate. This is 115 millions more than was cut last year on Crown Lands, but it is 38 millions less than the average for the four years preceding 1922 and 25% less than the average for the four years preceding 1918. This difference is due mainly to the fact that a few large companies are not making a normal cut this year. Heavy snowstorms in January suddenly halted yarding or the cut might have been bigger. There are about forty four scalers on duty measuring the logs cut on Crown Lands. On private lands the cut is reported to be well up to normal, and in some cases well above the average. A large number of portable mills were operating early in the season taking advantage of the high price of lath. Since the slump in prices lath production has fallen off rapidly. The dead timber resulting from bud worm attacks has in many cases encouraged larger operations than would otherwise have been the case, as all lumbermen seem to be alive to the budworm situation and are attempting to salvage as much dead wood as possible. On Crown Lands the half rate of stumpage for budworm killed material is being taken advantage of in localities where dead timber exists.

The pulpwood situation is quiet at present. The production was much below normal during the past peeling season, while little pulpwood has been cut during the past winter. The cut of poles and railway ties will be well up to the average.

New Brunswick was fortunate in escaping with comparatively light losses from forest fires during the past summer. Only 11 square miles of forest land were burned and of this amount only 4½ square miles was Crown forest land. In 1921 some 130 square miles of forest land were devastated by forest fires. The cost of extinguishing fires only amounted to about \$2,500. as compared to over \$100,000 in 1921. Although the 1922 fire season was normal, over 100

fires occurred, and the small loss is due to a large extent to the activities of the fire organizations of municipalities and government wardens in extinguishing fires, supplemented in several localities by rapid and accurate detection of fires by lookout towers. These lookout towers have proven extremely valuable and no doubt more will be constructed. The 1922 amendments to the Forest Fires Act appear to have resulted in more interest being taken by the public in forest fire prevention.

It is expected that the "travel permit" clause of the Forest Fires Act will be enforced next season. Forest fire protection is rapidly becoming a community affair in New Brunswick the same as education, etc., and this alone means better protection in the years to come.

The damage caused by the spruce budworm has greatly increased the fire hazard. People going into the woods on business or pleasure during the next few years must be more vigilant than ever before in extinguishing their camp fires if the forest fire losses are to be kept down.

The lumber industry appears to have largely recovered from the depression as indicated by the winter's cut. The next few years should see considerable development in the pulp and paper industry.

### Statistical Summary from the Coast

The total amount of cargo shipments of lumber from British Columbia as reported to the Pacific Lumber Inspection Bureau, Inc., Seattle, Wash., for 1922 was as follows:—

	Foreign	Domestic
Australia .....	55,949,129	
China .....	24,640,268	
Cuba .....	30,065	
Egypt .....	4,269,953	
India .....	7,053,371	
Japan .....	72,339,531	
New Zealand .....	4,516,862	
South Africa .....	2,415,500	
So. Sea Islands & Fiji .....	1,841,578	
So. America, W. Coast .....	3,244,776	
Straight Settlements .....	196,116	
U. K. & Continent .....	12,698,383	
Atlantic Coast .....		60,787,079
California .....		23,069,425
Hawaiian Islands .....		
Philippine Islands .....		94,764

Total ..... 189,195,523 ft. 83,951,268 ft.

The total forest products exports, domestic and foreign, from British Columbia in 1922 were, therefore 273,146,800 ft., a gain of 84,475,872 over 1921.





S. F. Rutherford, Vice-President,  
Redfern Lumber Co.



J. P. Dupuis, President,  
J. P. Dupuis, Limited.



G. A. Thompson, Montreal,  
Secretary of Association.

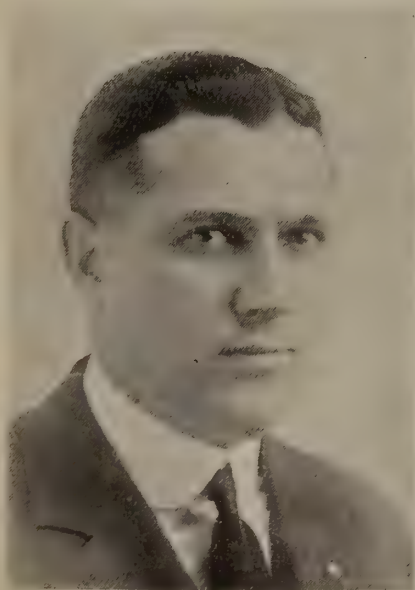


J. A. Bonneau,  
Director District No. 1.

Officers and Directors of the  
newly organized Montreal Re-  
tail Lumbermen's Association  
who hold fortnightly  
meetings and have opened an  
office at 195 St. Catherine St. E.



George Lebel,  
Director District No. 2.



W. H. Thomson,  
Director District No. 3.



Ernest Abel,  
Director District No. 4.



L. W. Halliday,  
Director District No. 5.



# Some Outstanding Features of Montreal Lumber Market Reviewed for Busy Readers

At the commencement of the past year, Montreal wholesalers and retailers looked forward to better times in 1922. They had passed through dark days, suffering losses, but they believed that conditions would improve, that the demand would increase, and that prices would show an upward tendency. This was partly based on the prospects of a revival in general business, and partly on the ground that there would be a natural reaction from the drop in lumber quotations which characterized 1921. While the hopes of the more optimistic were not fully realized, the market, taking the twelve months, displayed a much better tone, with more buying power and stronger values—confidence was restored, in spite of two or three nasty jolts caused by failures.

## How Prices Strengthened

The early part of 1922 was dull; prices did not move to any appreciable extent—some grades of pine actually declined—but as the demand broadened, quotations of softwoods and hardwoods strengthened. The upward swing was more pronounced when it became evident that dry stocks were getting scarce, and those who were fortunate to hold desirable grades had no difficulty in disposing of them at enhanced values. At the end of the year, quotations exhibited appreciable gains, as compared with those at the opening of 1922. American buyers came freely into the market, and also purchased liberally from some of the Provincial manufacturers. These, by the way, did not as a rule find the year profitable. Some mills still had a number of high priced logs on hand, which could not be made into lumber at a price to show a balance on the right side, but mills were able to recoup themselves to a certain extent when values strengthened in the latter part of the year. The larger manufacturers maintained their prices; many of the small mills, however, were obliged by financial considerations to sell their lumber at prices which did not represent a return on the capital. This had a certain influence in keeping the market down during the early months.

Prospects this year in Montreal are distinctly good. There is reason to expect that building will be very active, the shortage in house accommodation being still evident. In addition to that several large structural projects are contemplated. It looks as if lumber values will be maintained for a considerable period, having regard to the scarcity of stocks.

## Development of the B. C. Trade

The call for B. C. forest products was moderate, the advance in prices acting as a deterrent on some classes of Western woods. There was, however, extensive buying of timber, particularly for harbor work, and in this connection an important development of cargo shipments via the Panama Canal occurred. Several boats from Vancouver unloaded at St. Lawrence ports, the lumber coming via the Canal. Transportation by boat is cheaper than by rail, and it is probable there will be a still further development of this trade.

Although the Province of Quebec produces a very large quantity of hardwoods, the demand for manufacturing purposes in the Province is not extensive. Mills and wholesalers have to depend on American buyers, export, and upon consumers in Ontario. During the first part of the year, trade was slow, but it took quite a spurt, with prices rising in a corresponding degree. The low ends of birch, which could not be given away in the early months, found a comparatively good sale when the market hardened.

## The Local Position

From a local point of view conditions during the past year were of a mixed character. Business was only moderate

during the first six months, but it then greatly improved, due mainly to a very extensive building program. The extent of the construction can be seen from the fact that the permits totalled \$21,132,586, a decrease of \$726,332, which was more than made up by the increase in the outlying districts, figures for which do not come into the Montreal total. The feature, as in the previous year, was the large number of residences constructed. Although a considerable amount of business was available, many retailers carried competition to an excessive point, with the result that the margin of profit was small. Wholesalers did fairly well on the whole, but they had to face the offerings of small mills, which sold direct to the retailers and in some cases to consumers. This position was not a new one, it was however intensified by the increase in the amount of stock put onto the market by these manufacturers. Wholesalers, too, were hit by the failure of retailers who apparently had not liquidated all their high priced stocks and who were compelled to meet the situation during the year.

Both wholesalers and retailers formed trade associations during the past twelve months. Montreal was practically without organizations dealing with either section of the industry, and it was felt that the time had come when bodies of this character should be formed in order to improve the relations between wholesalers and retailers and to take action in many other matters of local and general interest.

## Exports Increased

Considering industrial conditions in the U.K., exports from the Port of Montreal were fairly satisfactory. They showed a substantial decline as compared with those in pre-war days, but since then great changes have taken place, European competition being more intense, aided by lower freights and the exchange situation. While the total of 61,544,000 feet represents an increase of 22,272,000 feet, in only three other seasons were the shipments lower than in 1922. The exports from Montreal were adversely affected by the fact that one of the principal firms shipped very little, their energies being concentrated on the sending of stocks from the lower ports, such parcels forming part of the British Government stocks. In all, about 50,000,000 feet of Government stocks was bought for transportation to the U.K. The season opened with considerable promise, but the demand fell away and very little lumber was sent across during the latter part of the season. Pine formed a very substantial part of the shipments. One feature was the buying for Ireland, for shipbuilding purposes. The ocean freight rate was 85 shillings per standard, a rate which the shippers declared was excessive, as compared with the rates from Scandinavian countries. The steamship companies declined to make any reduction, claiming that lower rates would have no part in stimulating exports. The opening rate for 1923 season will be 80 shillings per standard. According to advices from the Old Country, there will be a better call for Canadian woods during the season which will shortly open. It must not be overlooked, however, that competition from the Baltic will probably be very keen, there having been a revival in trade from the Baltic ports.

Representatives of three British firms visited Canada during the year, with a view of introducing a new system of disposing of Canadian lumber in the British market, but the reception of the project was not enthusiastic. The following are the shipments, b.m., since 1904

1904	146,272,952
1905	148,649,976
1906	141,673,081
1907	111,819,895
1908	102,156,777
1909	110,008,619



1910	109,076,306
1911	95,871,940
1912	101,400,889
1913	97,890,047
1914	66,423,321
1915	98,121,264
1916	95,978,013
1917	30,303,737
1918	58,441,275
1919	144,375,182
1920	109,355,197
1921	39,272,000
1922	61,544,000

The cut of soft and hardwoods this season has been considerably larger than in the previous year. Manufacturers are looking for a substantially increased demand, at higher prices rendered necessary by the expensive camp operations, due to higher wage bills. Men at the beginning of the season were by no means plentiful, and more attractive wages had to be offered to induce men to go to the woods. Naturally, the mills will have to add this greater cost to the selling price. The cut of hardwoods will be appreciably greater, and some of this has been sold at values which represent a considerable advance on last year.

Having regard to the expansion of the pulp and paper industry, it is more than likely that pulpwood will play an even more important part in the lumber industry than it does at the present. There was a fair amount of buying of wood during the year, in the main at prices which showed little or no profit to the dealers. The pulp and paper companies in Canada and in the United States have made great inroads on the enormous piles of wood accumulated, much of it purchased at very high rates. This consumption had to be partly replaced, although many of the American concerns did not come into the market until late in the year.

The Canadian companies have cut very extensively this season, and have made special efforts to save the wood in burnt-over areas.

The Canadian and American pulp and paper companies are using pulpwood on a very extensive scale. Last year the output of the Canadian newsprint mills constituted a record totalling 1,086,551 tons, and present indications are that 1923 will see another increase, the demand being such that the plants are running to capacity. New mills are coming into operation and existing mills have plans for substantially increasing the output. In this connection, the development of the Lake St. John district by Price Brothers is of outstanding importance. There is a question as to whether or not the production is not nearing the point where the supply will exceed the requirements. The Province of Quebec is vitally interested in the pulp and paper trade, as it now forms one of her leading industries, both as to the consumption of raw material and the manufacture of the finished article.

#### Conservation in Quebec

A paragraph as to the conservation policy of the Quebec government may be in order. The Government have been making further efforts to conserve the forest wealth of the Province, and during the year put into force a permit system for entering Government lands, the object being to minimize fire risks. The Government have also decided to extend the facilities for the education of forest engineers, to establish a pulp and paper school, and generally to take other steps which will lead to the conservation of natural resources. The Government recognize that the Province must take these measures if the industries dependent on forest wealth, such as lumbering, pulp and paper, are to be maintained, to say nothing of their expansion.

## Some Things to be Counted in the Cost of Lumber

By W. H. Farmer

Did you ever feel inclined to complain about the cost of lumber or the extreme margin of profit that somebody is pocketing? Possibly you might have justifiable cause for complaint, but on the other hand a better knowledge concerning the cost of lumber may make you less inclined to complain. I mean so far as that cost concerns the workers in the production or preparation for the markets of that much demanded and extensively used commodity.

As you dwell in your ceiled houses or sit in your corniced churches with piles of lumber around you, and beneath you, and above you, wrought and fitted together for your comfort and admiration, let me ask, do you ever concern yourself about the cost of all the lumber that goes to house you and to protect you from the biting cold winter, the searching winds of spring, the hot rays of the summer sun, and the chilly dampness of fall?

Throughout the northern portions of Canada are great forests whither year by year thousands of men wend their way each Fall to be there for the winter logging operations. If you have not had the experience of a visit to one of these centres of the lumbering industry a few facts may interest you concerning these places where men congregate and where so much effort is being now concentrated to furnish you with material to build your church, your school, your home; or garage, your stable, or your chicken house. Out of these facts you will readily realize you have the means to formulate a correctly itemized account of the cost of lumber.

#### Crews Are not Outlaws

That commercialism does not consist exclusively in terms of dollars and cents will not be disputed. How aptly does Rev. 18: 12, 13 describe the basis and terms of commerce: "The merchandise of gold, and silver, and precious stones; and of pearls, and fine linen, and purple, and silk; and all thyne wood, and all manner vessels of ivory, and all manner vessels of most precious wood; and of brass, and iron, and marble, and cinnamon, and odors, and ointments, and frankincense, and wine, and oil, and fine flour, and

wheat, and sheep, and beasts, and horses, and chariots and slaves, and souls of men." The last item of this list must be borne in mind in making a correct estimate of the cost of lumber.

Now the men, who form the crews of the various logging camps are not the outlaws which a certain fictitious literature has represented them. Indeed, many of them are men of good social standing, from good homes and with unimpeachable records as citizens and workmen. In some cases it is voluntary choice that brings such men to seek camp life, and in other cases, circumstances have proved an arbitrary dictator leading in a path from which the individual will shrink with strong resentment. But they are here now and it is altogether likely that they will stay until the "drive" in the spring.

Now, you value your home; so do these men. Your communal, town or city associations have become part of your life. Yet these men are here away from all the aids and influences; educational, social and spiritual which is "the common round and daily task" for so many of us; and this sacrifice of theirs is part of the cost of lumber. Again there is a tendency wherever men congregate under such conditions for some to cut loose from, and to lose sight of, some of the finer and higher idealisms of life. One or two such weak characters have a tendency to weaken the "morale" of their fellows in camp who are not possessed of the strongest of character and temperament. Some must almost inevitably go under and this debris and wreckage (always however, salvageable by the power of the Gospel), must be calculated in the cost of lumber.

#### The Dangers and Difficulties

Then too, consider the physical conditions in Northern Manitoba and Saskatchewan where the writer matriculated in the bush.

The men turn out at 7-7.30 A.M., according to the measure of daylight or moonlight as the case may be, and eating



their dinners in the open, return to camp at 5:30-6:00 p.m. Sometimes they work in snow three feet deep with each overhanging limb of each tree heavily loaded with snow waiting to fall upon the axeman as soon as the first blow of an axe or movement from the wind shall shake the towering living pillar of wood marked to be felled. This snow may be dry and frosty, or it may be wet. If it is dry it means hardship for the poor patient horses who so faithfully work with the men; for dry frosty snow makes heavy hauling of the huge loads of logs, of which as many as 100 or more go to make a load for four horses. If the snow is wet the men must endure wet feet and legs till shoes, and socks, and neither garments can be dried in the bunk house at night while the men are sleeping.

A little knowledge of the well understood science of hygiene is sufficient to make one shudder at the thought of the possible results of such conditions; and worse could truly be depicted, but I spare you. Imagine also the possible danger to life and limb where sharpened axes with edges "like knives" are carried over ice roads and through brush often by inexperienced men; to say nothing of falling trees and rolling logs, any one of which would instantly crush the life out of a man.

Already this winter (and as I write January is not yet over) the casualty list of one company includes two deaths by accident and one by sickness; besides an almost countless number of major and minor accidents; cuts and bruises. Reckon this into your cost of lumber and do not forget that the "drive" with all its perils, and the milling of logs with all its attendant dangers has not been noticed yet.

Such computing of the cost of lumber may seem unique; or it may be urged that the same plan may be adopted in computing the cost of all commodities. That is perfectly true and, therefore, we have the less cause for complaining and the greater cause for thanksgiving.

And as we look upon the many evidences of the lumber jack's enterprise, and sacrifice may we send up a prayer to Him, who was known as "the Carpenter," Mark 6:3 but whom Christians delight to know as the Redeemer and Saviour, and whose knowledge of the woodcraftmen's need is as infinite as are His resources for them and all mankind.

And remember, too, the small company of missionaries of the Shantymen's Christian Association, that through their efforts in carrying the Gospel of Christ, the men in the bush may be won and finally caught up and transplanted like trees to flourish in the courts of our God.

## The Shifting Bases of Big Pioneer Industry

THE first centre of lumber production was in the North-Eastern states. It later shifted West to the Lake states, subsequently to the Southern pine states, and this year the Pacific Coast has taken the leadership in production and will no doubt continue to hold it indefinitely, said L. L. Brown, of Toronto, B. C. Lumber Commissioner in an address on the "History of the Lumber Industry" in Canada and the United States" which was delivered at the recent convention of Ontario retailers in Windsor. He said that the rapidity with which these changes had taken place was amazing. Twenty years ago the Lake States lead in lumber production, at which time they produced about 9 billion feet of white pine per annum. This is now reduced to barely 1 billion feet. In two years these Lake States, which comprise a population equal to that of Canada, will not produce enough lumber for their own requirements. In 1919 the Southern pine States reached their peak of production of 16 billion feet. It is estimated by Chief Forester Greeley of the United States that in seven years the Southern pine production will be about 9¼ billion feet, or a reduction of 38 per cent of 1919. The same authority also estimates that in seven years the Southern pine territory will consume its total production and will thereafter depend to a large extent on the Pacific Coast for their timber needs. One quarter of the present Southern pine cut is from second growth which is inferior in quality to virgin timber.

In a few words I have endeavored to outline the history of the lumber industry in the United States, and will see that we have already progressed some distance into the last chapter of that industry as it applies to virgin soft woods stands. The cut of the United States in 1920 was nearly 34 billion feet, more than half the soft cut in the world. This cut is 27 per cent less than the United States cut in 1907. They are using their timber four times as fast as it is growing—using their readily available resources at a much more rapid rate, and so in the near future will concentrate their operations on their last resources, those of the Pacific Slope, the only region in which an increasing cut is possible, where the cut has already grown from one tenth of the total 20 years ago to more than one quarter of the total United States production today.

This rapid consumption of timber by the United States without any adequate provision for re-stocking should cause Canadian lumbermen to consider their own situation. Here we have the centre of production shifted from East to West until today British Columbia leads all the provinces, producing 37 per cent of Canada's lumber, and is the only province in which an increasing cut is possible. The word "timber" is a misnomer as applied to our timber East of the Rockies today, for Eastern timber is practically a thing of the

past, and we are down largely to a pulpwood proposition. Our annual cut in Canada is slightly over 4 billion feet, about one ninth of that of the United States. Our stand is also much less, being about one-third of the United States total. Ontario's cut has decreased from one billion, three hundred and eighty-five million in 1912 to, roughly eight hundred and seventy-six million in 1920. While pine is rapidly becoming cut out in Ontario, the cut being composed largely of the less valuable species, such as Jack pine and hemlock. On the other hand, British Columbia's cut has rapidly increased until it now stands at roughly, 2 billion feet, of which, roughly, 1½ billion represents lumber.

British Columbia has been well described as a sea of mountains. Over half of the surface area of the province is above the timber-line. Roughly, 100,000 square miles are growing young forests, while 50,000 square miles are covered by mature forests, estimated to contain 350 billion board feet. British Columbia timber resources are divided into two main regions, that of the Coast, and the Interior or Mountain region. The Coast enjoys a mild climate and long growing season, and a very heavy rainfall, about 60 inches around Vancouver. These conditions make for luxuriant forest cover. Some of the most favorable sites have grown 60,000 feet, b.m. in 60 to 80 years, and exceptional areas have produced over 300,000 board feet per acre. The most important timber trees on the Coast are Douglas fir, cedar, Western hemlock, spruce and white pine.

The Interior or Mountain regions more nearly approximate Eastern conditions, having extreme ranges of temperature in summer and winter. Western pine, Engelmann spruce, fir, larch and cedar are the most important of this region. As has been stated British Columbia is the only province in which an increasing cut is to be looked for. The annual cut is only a small per cent of the yearly growth and lumber dealers who are now securing their stock from British Columbia are assured of a vast supply. The British Columbia provincial government maintains a timber exhibit at 51 Yonge Street, Toronto, showing finished rooms of British Columbia woods and an office staff to supply the trade with full information with regard to the forest products of B.C.

One of the most interesting features of the British Columbia trade is the phenomenal increase in water-borne export which has taken place in the last five years. This export trade has been a powerful stabilizing factory in the industry. Henceforth, it is predicted, we will not descend so low into the slough of despondency or climb so high to those dizzy heights of the runaway market; there will be less difference between the trough of the wave and the crest of the breaker, largely due to the fact that B. C. markets are worldwide. Our eggs are no longer in one basket.



## The Production of Shingles in Canada

According to the latest returns of the Dominion Bureau of Statistics, Ottawa, the total cut of shingles in Canada for a year was 2,855,706 M. and the value of \$14,695,159. British Columbia is, of course, the largest producer, turning out over three-quarters of the total output. Quebec comes next and then New Brunswick.

The red cedar shingle, is a long way in the lead. The statement of the different kinds of woods used in shingle production is interesting and the appended figures afford a summary of the showing made by each province in the Dominion in one year.

### The Shingle Cut By Provinces

	Quantity	Value
British Columbia .....	2,135,857 M.	\$11,190,999
Quebec .....	387,813	1,839,595
New Brunswick .....	260,077	1,321,311
Ontario .....	43,739	226,703
Nova Scotia .....	13,635	56,554
Prince Edward Island .....	8,871	32,529
Alberta .....	3,788	17,888
Saskatchewan .....	1,803	9,105
Manitoba .....	123	475
Total .....	2,855,706	\$14,695,159

### Shingle Cut By Kinds of Wood

The kinds of woods used in the production of the 2,855,706 M. shingles cut in the different provinces of the Dominion were:

	Quantity	Value
Cedar .....	2,773,792	\$14,284,132
Spruce .....	55,379	269,113
White Pine .....	8,341	48,455
Balsam fir .....	8,152	35,858
Hemlock .....	5,339	32,177
Jack Pine .....	1,204	6,504
Douglas fir .....	652	4,336
Poplar .....	576	2,287
Unspecified .....	2,271	12,297

## Exports from Campbellton Show Increase

G. C. Woodward, American Consul, Campbellton, N. B., has furnished the following comparative statement of exports to the United States of forest products. The statement is compiled through the American Consul at Campbellton and the agencies at Bathurst, N. B. and Gaspé, Que., during the calendar years ending December 31st, 1921 and 1922. It may be pointed out that the Campbellton Consular District comprises the counties of Restigouche and Gloucester, N. B., and the Gaspé Peninsula, Que.

### Lumber Products Export From St. John

Wood & Products:	Unit of	1921	1922
	Quantity	Quantity	Value
Lath	M	96,205	530,871
Lumber			
Cedar	M	35	1,487
Hemlock	M		105
Miscellaneous	M	2	92
Pine	M	1,790	64,110
Spruce	M	44,599	1,331,054
Miscellaneous	pcs.	868	723
Piles and poles	pcs.	13,711	62,967
Pulpwood	cds.	14,223	224,813
Shingles	M	65,325	293,723
Ties, railroad	pcs.	35,903	36,140
Tress, Xmas	bdl.	5,695	1,655
Woodpulp	lbs.	22,327,616	682,612
Total Exports.			\$3,873,594

## Lumber Production for Ten Years

The last eight months of 1922 witnessed the largest maintained volume of production of lumber for any such approximate period since 1914, according to the graphic charts published today by the economics department of the National Lumber Manufacturers Association. For those months lumber production in the United States was maintained at from about 110 to 125 per cent of the average monthly production for ten years; though the first four months of the year were well below average.

The yearly reported figures of the United States Forest Service and the yearly and monthly figures of the reporting associations of the National Lumber Manufacturers Association are used as the foundations of the computations. The percentage which the Association figures bear each year to the corresponding annual production of the country (Forest Service totals) is assumed to indicate the approximate relationship which the monthly figures would bear. United States monthly figures are therefore computed on this percentage basis and the relationship of these is shown to the average monthly United States figures for the ten year period.

The average yearly production for the ten years of the United States based on the Forest Service figures (plus an estimate for 1922) is 33 billion feet; the average monthly production is 2.75 billion feet. This 2.75 billion feet is taken as 100% on the chart.

The relation which the production as reported by the Association bears to the total United States in each year is shown in the following table:

	Reported to N. L. M. A. (feet)	Total Reported to Forest Service (feet)	Percentage N. L. M. A. Reports are of total
1913	13,486,800 M	38,387,000 M	35.1
1914	11,386,300 "	37,346,023 "	30.5
1915	11,335,300 "	31,241,734 "	36.3
1916	14,621,600 "	34,791,385 "	42.0
1917	15,461,000 "	33,192,911 "	46.6
1918	14,109,000 "	29,362,020 "	48.0
1919	12,711,000 "	34,552,000 "	36.8
1920	12,858,800 "	29,878,360 "	43.0
1921	9,509,900 "	26,991,798 "	35.2
1922	13,428,500 "	34,800,000 "	38.5

## Shipment of Wood Goods from Ottawa

The report of the American Consul for the Ottawa District showing the export of forest products from that section to the United States during the year 1922 is interesting. The returns are as follows:—

Lumber		
	Feet	Value
Dressed Lumber .....	22,497,543	\$ 991,747
Rough Lumber .....	103,274,333	3,903,945
Lath, Pickets and Shingles		
	M	Value
Lath .....	36,074	\$264,922
Pickets .....	11,425	141,820
Shingles .....	18,584	75,237
Pulpwood (peeled)		
	Cords	Value
Peeled Pulpwood .....	53,695	\$599,769

## Exports of Pulpwood and Pulp Grow

The exports of forest products from Canada in the form of pulpwood, paper and pulp continue to grow. This is particularly noticeable so far as pulpwood is concerned. During the first ten months of the present fiscal year, which ends March 31st, 1923, the pulpwood exports to the United States were 883,139 cords, valued at \$8,906,091 compared with 630,540 cords, valued at \$7,926,536 for the corresponding period in January 1923 totalled \$10,298,243, a gain of \$1,466,763 over the period in 1921 and 1922. The total exports of pulpwood and the same month a year ago and compared with \$10,249,418 in December last.

The total export of newsprint, book and other paper in January 1923 was \$6,604,975 as compared with \$5,377,465 in January 1922. Exports of pulpwood are also growing and in January 1922 and January 1923 were respectively:—

Sulphate .....	\$ 609,943	\$ 685,759
Sulphite, bleached .....	1,072,091	1,201,330
Sulphite, unbleached .....	631,910	811,262
Mechanical .....	1,140,071	994,917
Total .....	\$3,454,015	\$3,693,268

Exports of wood-pulp showed a good increase as regards quantity, but this increase was not fully shown in the values owing to lower prices.

The principal countries of destination of these exports in January were as under:—

	Paper	Pulp	Total
U.S. ....	\$6,227,481	\$3,058,705	\$9,286,186
U.K. ....	135,893	360,103	495,996
Others .....	241,601	274,460	516,061
	\$6,604,975	\$3,693,266	\$10,298,243

Exports of pulpwood for January were 133,328 cords, valued at \$1,195,886, compared with 66,094 cords, valued at \$696,943, in January, 1922.

Figures for the first ten months of the fiscal year show appreciable gains over the corresponding period of the fiscal year 1921-22.

Wood pulp—		
Sulphate .....	\$ 6,313,861	\$ 7,649,623
Sulphite, bleached .....	6,648,370	10,445,194
Sulphite, unbleached .....	7,813,218	9,234,020
Mechanical .....	9,487,506	8,296,343
	\$30,262,955	\$35,625,180



# Statistical Consideration of British Columbia Production and Gain in Export Trade

By H. C. Copeland, Vancouver

When the lumber trade of British Columbia looked forward to what 1922 had in store for them it was with many misgivings. The Jap export trade had dropped off sharply; the prairie business showed but slight signs of revival; the California demand slackened. Prices were low and an order for a car of lumber was looked upon as somewhat of a curiosity.

Out of the various markets open to B. C. timber possibly the least developed was that of the Atlantic Coast; out of 211 million feet shipped there in 1921 from B.C., Washington and Oregon, B.C. shipped only a trifle over 5 million feet. When the writer suggested to a number of representative timber men early in May 1922 that the Atlantic Coast shipments from B. C. in 1922 would exceed 50 million feet, he was laughed at; yet the total water borne shipments from B. C. to the Atlantic Coast in 1922 missed the 70 million mark by a scant few hundred thousand feet.

The Australian market, which had fallen off more than four million feet in 1921, came back strong with an increase of more than 100%. Japan climbed back with an increase of almost 50%. The West Coast of South America gave an increase of 168% which to that limited trade meant two million feet. China, it is true, due to its internal troubles fell off sharply. Egypt dropped over four and a half million and some of the other markets showed a small loss over 1921.

When the final accounting was done at the close of 1922 it was found that 1922 showed a gain in cargo shipments from B. C. of 50% over 1921, or 284.75 million feet in 1922 as against 188.68 million feet in 1921.

It is an established fact that the higher the percentage of cargo, water borne shipment of lumber to the total cut the higher the trend of price and the more stable the market. Beginning with 1916 the figures run as follows:—

1916	3.7%
1917	2.5%
1918	5.0%
1919	6.2%
1920	7.0%
1921	11.0%

While the total cut for 1922 is not available at this time it is nevertheless certain that the percentage of water borne cargo to the total cut will exceed 15%.

## Development of Atlantic Seaboard Trade

The increase from 5,431,000 feet in 1921 to 69,304,095 feet in 1922, a gain of nearly 1500%, might be startling were we not assured that B. C. lumber is the peer of any in the world, and when some of the methods of handling are brought up to the minute, will compete with any in the world on a firm basis.

The development of the above line of trade points out two fundamental facts of commerce; first, no matter how good your articles, you must tell the prospective buyer about it before he will spend his money; second, you must find out what the buyer wants and make a product to supply his needs; it is the customer's privilege to be bone-headed if he wants to be so.

When B. C. began to send men into lumber markets of the eastern states to learn their needs and to tell the buyers of the established merits of the British Columbia products the orders for that commodity began to come in and rapidly gather in volume.

The growth of the business to the United States is well shown in the following table:—

1916	3,565,000
1917	No figures given
1918	2,013,000 to California
1919	5,259,000 Principally to Cal.
1920	4,162,000 Principally to Cal.
1921	26,712,000 of this 5,431,000 to Atlantic Seaboard and 20,000,000 to California
1922	22,745,000 to California
1922	69,304,000 to Atlantic

or more than 300% increase over 1921. The most remarkable point concerning this is that the greater portion of the increase was in the territory that in the previous year, had given but a fourteenth of the business.

Australia had been a market that was slipping badly, quite different from the case of the Atlantic Seaboard, which only existed potentially. A determined effort was made by several of the larger exporters to bring the Antipodes back into line for B. C. lumber and it succeeded to the extent that 1922 showed a total of 56,970 M. feet as against 27,275 M. the year before.

Again this increase showed what energetic, intelligent promotion work will do, even on a proposition of national scope.

## What Good Promotion Work Does

When we consider the increase of population in Japan in connection with the kind and quantity of housing, it is easy to see why the demand from Japan must, on the whole increase rather than diminish. The total figures will of necessity follow the general course of economic affairs in Nippon. The buyers for the Jap trade are also canny birds and delight to rig a bear market for their work. That is where the thousands of years old heritage of patience of the oriental has the great advantage over the modern business man of our Western civilization.

As the Japanese trade began to develop we naturally started after it as we would any desirable business—quick efficient service, careful attention to quality, grades, etc. This the crafty brown buyers took to mean a glutted market, reflected in a too great desire to take on business with the result that, on a few occasions, they upset the market to a slight extent for a little time.

It took only a relatively short time, however, to learn the methods of the gentlemen and now we have only to wait and he will pay the price and, if he hesitates, a little raise will set him very busy. Under the above conditions an increase from 52 million feet in 1921 to 72 millions in 1922 is quite satisfactory.

One of the most disappointing, and to a considerable extent, provoking, features encountered in marketing B. C. lumber is the slight response from the U. K. In the face of the indisputable superiority of the B. C. woods and every preferential right for U. K. business, the sales of B. C. lumber fell off in 1922 a measly half million feet. There are several words that have a nasty sound that might be applied to account for this fact but it is likely that "self-sufficiency and selfishness" will cover the matter without the use of more pungent words.

A survey of conditions in California indicate that the great building program there will continue in 1923 without break. This, in connection with California's increase of two and a half million feet over 1921, is a satisfactory condition.

## Pulp, Paper and Box Business

These departments of timber consumption do not continue to show an increase in the percentage of total cut consumed by them as witnessed by the following table:—

	Percentage of total cut	
	Pulp & Paper	Boxes
1916	10 %	5.2%
1917	14 %	3.3%
1918	19.4%	3.4%
1919	17.5%	3 %
1920	23 %	2.8%
1921	08%	1.1%

In 1922 there was a slight increase of the above percentage.

It is possible that the manufacturers in these lines are using a better grade of timber to some extent than is absolutely required. The salvage from logging operations should play a more important part in these operations than it does.

The following table will show the relation of the export business of B. C. to the total cut of the province:—

	Total in B.F.	Export in B.F.
1914	1,151,903,000	33,190,000
1915	991,780,000	58,075,000
1916	1,161,750,000	43,676,000
1917	1,545,422,000	43,923,000
1918	1,761,184,000	88,069,000
1919	1,758,329,000	108,872,000
1920	2,046,469,000	146,624,000
1921	1,700,000,000	188,671,000
1922		284,752,703

The appended will give a birdseye view of the export trade and markets for B. C. lumber with a comparison of 1921 and 1922.



Total amount of cargo shipment from British Columbia for the year 1922—lumber, lath and pickets.

British Columbia	1922	1921
Australia	56,968,891	27,275 M Ft.
China	24,992,828	41,790 M Ft.
Cuba	30,065	
Egypt	4,269,953	8,566 M Ft.
India	7,053,371	8,249 M Ft.
Japan	72,544,176	52,400 M Ft.
New Zealand	4,794,006	4,553 M Ft.
South Africa	4,062,664	3,069 M Ft.
South Sea Islands and Fiji	1,841,578	942 M Ft.
South America W.C.	3,244,776	1,284 M Ft.
Straits Settlement	196,118	
U. K. and Continent	12,610,251	13,592 M Ft.
Atlantic Coast	69,304,095	5,431 M Ft.
California	22,745,167	20,121 M Ft.
Philippine Isles	94,764	

284,752,703 188,680 M Ft.

(This Bulletin is not complete due to some outstanding reports of the mills, but is correct for all practical purposes).

In closing we may state that careful attention to economical methods of manufacturing and intelligent reafforestation will perpetuate for the Province of British Columbia a source of tremendous wealth.

### Continued Improvement Shown in Ottawa Market

Continued improvement in the Ottawa lumber market was shown during the opening period of March, when retailers began to move stocks previously purchased, and the number of both American and domestic inquiries increased. The demand was principally for the lower grades. Embargoes at American entry ports remained as tight as they had been, which continued to mitigate against the shipment of orders previously booked. Foreign cars were fairly plentiful, but permits got if anything harder to obtain. Snow storms and low temperatures in some of the northern states did not promise a speedy reopening of normal transportation.

The soft weather experienced through the Ottawa Valley district during the early part of the month, was also felt in the lumbering camps, with the result that, following the drop in temperature on March 6th, the roads were in excellent condition for hauling.

The supply of labor for the spring operations was reported as being plentiful, and the local companies reported they had sufficient men in sight to ensure the replacement of those in the camps, who by tradition migrate on March 22nd, which they maintain is the first day of spring.

Conditions with the woodworking plants and factories showed no general change.

### Commons Discusses Number of Forest Fires

An interesting discussion on forest conservation and the perpetuation of the natural wooded assets of Canada took place in the House of Commons at Ottawa recently and aroused much interest. A resolution in favor of federal and provincial co-operation for forest preservation was introduced by P. Michaud, M.P. for Restigouche-Yamaska, who declared that Canada had suffered in 1922 more than 4,000 forest fires, resulting in loss of timber sufficient to cover a belt one mile wide from Halifax to Winnipeg. Added to the ravage of fire, he said, was that of pests. In the last ten years the spruce bud worm alone had caused a total loss in Quebec of 100,000,000 cords of pulpwood, and in New Brunswick of 50,000,000 cords.

Mr. Michaud's plea was furthered by T. W. Campbell, M.P. for Victoria-Carleton, who said that the forests of his Province had suffered vastly more from fire than from the woodsman's axe.

That greatest efforts at present should be toward prevention of forest fires, was the contention of Hon. Charles Stewart, who said he welcomed the resolution.

Hon. Arthur Meighen said he was not concerned over the fate of "this colorless and meaningless resolution," calling, as it did, for co-operation, "which in these days often means very little." The great protagonist of reform in forest policy, in his opinion, was Frank J. D. Barnjum, whose array of facts was absolutely indisputable, and whose grave warning Canada should heed, and at once.

"In the West, particularly," he said, "we cannot apply such regulations as we have, because jurisdiction lies within the Provinces themselves." It might be advisable, he went on, to impose an embargo or high export duty on Canadian pulpwood, even in the prospect of retaliatory enactments. Provinces must unite in legislation; failing that, it might be well to make failure to gather and destroy slash an offense punishable under Federal laws. "Indeed, I can see no other way of avoiding these fires that are devastating the forests of our country," he declared.

Dr. Murray MacLaren, of St. John, recommended a series of

interprovincial conferences and more definite assistance from Federal departments, while W. G. McQuarrie, of New Westminster, urged against any curtailment of the aerial survey inaugurated on the Pacific Coast. He doubted the practicability of slash-burning, but was assured by Hon. Dr. King that slash-burning already was practiced in British Columbia.

Complimentary reference to the "splendid enthusiasm" and "excellent work" of Frank Barnjum was made by Hon. W. S. Fielding, who said that that gentleman was doing a national service in awakening Canadians to the critical state of their forest resources. Ontario and Quebec, he said, had largely, but not absolutely, prohibited pulp export, but owners of private pulp areas, notably in Quebec, claimed the right to export their "product" as freely as that of other producers.

Mr. Warner, M.P., for Strathcona supported the resolution, which was carried.

### New Organization Will Extend Operations

The Canadian Lumber Co., Limited, with headquarters at Ste-wiacke, N. S., is the new organization which has succeeded Rufus E. Dickie. The company exports spruce, pine, hemlock and hardwoods consisting of birch, beech and maple and also large quantities of spruce lath. They have a well-equipped dressing and resawing plant situated on the main line of the C. N. R. and besides dressing stock of their own production, are doing a considerable amount of work for other firms. Mr. Dickie, the head of the newly formed Canadian Lumber Co., Limited, is president of the Nova Scotia Lumbermen's Association and has been for several years a director of the Canadian Lumbermen's Association.

### Forestry Experts Coming to Canada

A grant of \$3,000 has been approved by the Provincial Government as New Brunswick's contribution towards the expenses of the Second Empire Forestry Conference, which will be held in the Dominion this year, the tentative date for the opening at Ottawa being July 25th.

Already the province of British Columbia has voted the sum of \$5,000 for the expenses of the conference while Quebec and Ontario have voted \$7,000 each. The amount set aside by the Federal Government, for the Conference is \$30,000.

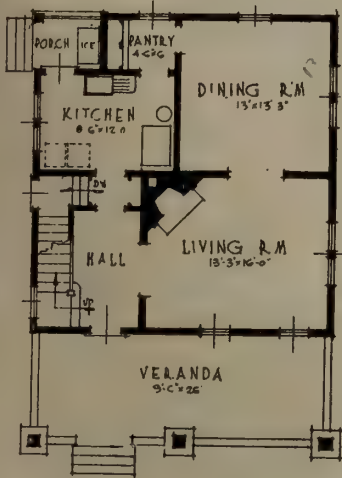
Among the noted visitors who will be in attendance at the conference which is to extend over a period of six weeks, including tour of New Brunswick and Quebec following the opening in Ottawa, and later a tour of Western Canada, will be Lord Lovatt, chairman of the Forestry Commission of Great Britain;

### Capital Invested in Canadian Industries

Lumber Industry (Mill Production)	\$266,839,952
Lumber Industry (Forest Production)	441,007,844
Pulp and Paper Industry	294,550,867
Meat Packing Industry	188,005,925
Steel Furnaces and Rolling Mills	117,124,269
Copper Smelting (Including some Lead, Zinc and Nickel)	111,921,977
Agricultural Implements	86,392,635
Foundry and Machine Shop Products	53,610,884
Electrical Apparatus	52,666,163
Cotton Textiles	51,425,480
Ship Building Industry	39,496,610
Drugs and Chemicals	33,171,464
Flour and Cereal Mills	34,406,807
Rubber Goods Industry	30,936,095
Rubber Boot and Shoe Industry	18,853,100
Fish, Canning and Curing	25,935,581
Patent or Proprietary Medicine	25,012,671
Woolen Textiles	24,905,270
Paint and Varnish Industry	23,965,858
Liquors, Malt	23,382,100
Asbestos Mining	23,308,100
Leather Boots and Shoes	22,121,609
Building and Construction	21,933,623
Hosiery and Knit Goods	19,955,548
Automobile Manufacturing	14,677,300
Artificial Abrasives	11,621,100
Liquors Distilled	11,199,800
Biscuits and Confectionery	10,524,328
Leather Tanning Industry	9,906,200
Automobile Accessories	9,820,603
Brass and Copper	9,234,606
Refined Petroleum	6,237,670
Car Construction	3,854,550
Condensed Milk	4,252,680
Sugar Industry (1919 Returns)	19,002,632

Total ..... \$2,743,520,823

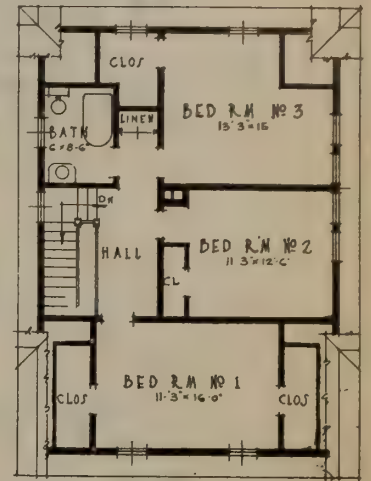




FIRST FLOOR PLAN



## A Six Room Home



SECOND FLOOR PLAN

A six-room, gambrel-roofed house that is an excellent example of the Dutch Colonial type of architecture is shown on this page. It suggests compactness and comfort and can be erected, according to the estimates of the Home Owners' Service Institute for, between \$6,500 and \$7,500.

It is a house adapted to a lot of forty-foot front or less. As designed it has an exterior finish of siding, which continues around the porch except under the columns supported by field masonry piers. The use of shingles on the second exterior would be effective. It is pointed out, also, that a striking combination could be achieved by building the lower storey exterior of dark red brick, with wood siding above for second storey. Stucco would also be effective for the first storey. The roof is shingled.

The house was designed by Whitman S. Wick, of Middleton, N. Y., and is for discriminating home builders of moderate means seeking something in a small house that combines durability with real beauty. Complete plans for this house can be obtained upon application to the Home Owners' Service Institute, 37 West 39th Street, New York, N. Y.

The little Dutch house is without the usual dormer windows. Extending the entire width of the house the front porch is exceptionally large for a small house, 9 x 26 feet. One enters the house into an ample hall with an open stairway leading to the second floor. The particular housewife will observe that access from the kitchen to the front hall is directly through a passageway rather than through various rooms.

Popular open fireplace is located at an angle in the living room. There are wide-cased openings from both hall and dining-room. French doors could be used in either or both if desired. The dining-room is nearly square, with ample wall space for all necessary furniture and there is a well equipped kitchen.

On the second floor are three large, well lighted and ventilated bedrooms. Each has ample closet space. The bathroom contains the necessary fixtures as well as a built-in medicine and a small closet. There is a linen closet in the hall.

The basement is large and light and may be partitioned off for laundry and drying rooms if desired.

### Outline of Specifications

**Masonry:** Footings, foundation walls and piers below the grade to be concrete. Exposed outside surface of foundation walls to be finished with a cement finish. Cellar and front porch floors of concrete three inches thick, with a one-inch surface finish. Chimney to be built of best quality, hard burned brick. Fire place facing and front hearth also to be of brick, all built according to detailed plans and specifica-

tions. The nosings of steps of front entrance porch to be of brick laid in a bed of sand and joints filled with mortar.

**Carpentry:** Complete directions for framing are given in detailed specifications. Framing timbers shall be of pine, spruce or hemlock. All floors to be joist construction. All exterior walls to be sheathed with 1 x 8 inch ship-lapped sheathing; over this place a heavy sheathing paper, at least, two-inch lap. All exterior walls to be covered with wide cedar siding. All exterior cornices, overhangs, doors, sash, etc., to be built according to detailed plan and of white pine. Porch ceiling and main cornice ceiling built according to detailed specifications. Lay 1 x 8 inch ship-lapped under floor on first and second floors. Finish floor in living room, dining-room and entrance hall to be of white oak, all other finish floor to be of pine, scraped and sanded to a smooth finish. The stair finish to be of oak treads, basswood strings and risers and birch handrail, all according to scale detail. Interior doors to be two-panel birch doors and trim and interior finish of basswood. All hardware to be selected by the owner and as described in detailed specifications.

**Plastering:** All plastering, except in cellar to be of two-coat work on an approved type of lath for bath walls and ceilings, and left in perfect conditions when finished. Gutters and leader to be of 16 ounce copper or zinc, all as described in detailed specifications.

**Painting:** Prime all finished work as soon as erected with lead, zinc, and oil paint. All exterior, except shingles to be given one coat of stain. Porch ceilings given two coats of spar varnish. All interior woodwork, except cellar and attic, to have three coats of mahogany acid stain, color as selected, and finished with one coat of white shellac and two coats of preservation varnish, rubbed to a dull finish. Floors and main stair treads to have three coats of dull floor varnish, third coat left in the natural finish. All varnish and paint to be of grades as described in detailed specifications. Interior walls and ceilings to be finished according to selection of owner.

**Plumbing:** Detail specifications calls for the installation of complete sanitary service system. All fixtures to be selected by the owner.

**Heating:** To be an approved type of warm air system of ample size to heat every room to a seventy degree heat under severest local weather conditions.

**Electric wiring:** Detailed specification calls for complete installation to provide all necessary conduits, fittings wiring outlet boxes, cut-out fuses, switches, etc., for the complete electrical equipment of the house in accordance with the requirements of the Board of Fire Underwriters and local service companies. Sufficient outlets are required for utility and convenience of electrical equipment.



# Opportunities at the Port of Cardiff

By T. W. D. Smith

**H**ERE are two facts not generally known, and which will appeal to Canadian Lumbermen, namely, that Cardiff is nearer to Canada than any British port and is second only to London as a British timber port. The latter statement is borne out by the following figures, taken from the Board of Trade returns:-

CARDIFF AND THE CANADIAN LUMBER TRADE		
	1913	1919
LONDON	1,974,228	1,259,174
CARDIFF	1,326,219	771,648
LIVERPOOL	738,591	467,601

Early in the 19th century the "Marquess of Bute" of 560 tons register brought oak and fir timber from Canada to Cardiff, the passage occupying from 40 to 60 days.

With the opening-up of South Wales to industrial and commercial activities, the demand for timber became urgent, and Cardiff rapidly grew as an importing centre for wood. The wood imported into Cardiff falls into two distinct categories, first there is the timber known as pitwood and pitprops, used at the collieries in the construction of roadways, galleries and walls, amounting in the aggregate to very large quantities. In fact, Cardiff imports more pitwood and pitprops than any port in Great Britain. In practically all the colliery workings props are necessary to support the roof and very often the sides of the passages. These props, of varying sizes, are imported in immense quantities from the South of France, Scandinavia and the Baltic. Attempts are now being made to induce the import of such timber from Canada.

It may interest the Canadian exporter to know that the prevailing price today is 110/- per fathom, a fathom being 216 cubic feet. The sizes are as follows:-

6½ feet long by 2½ to 7 inches diameter  
9 feet long by 3 to 8 inches diameter

The collieries require that the bark should be removed and pit props squared at the ends, all knots being well trimmed off. The wood required is "Larix Occidentalis" and, in the opinion of one of the largest of Cardiff's importers, rossing the pit props would probably satisfy Cardiff buyers.

The Canadian Trade Commissioner, in order to develop this trade, has recently written the Canadian Lumberman's Association of the visit of one of the Cardiff pit prop importers to Newfoundland who is willing to also cover the Maritime Provinces if any exporters wish to do business.

## Timber Required for the Industries

Secondly there is the whole range of rough and square timber which is such an essential requirement in many of the industries and trades carried on in Cardiff and district. In particular, the railway companies purchase oak, pine deals, pitch pine and yellow pine for the manufacture of carriages and wagons, and for their stations, buildings and permanent ways. The construction of docks, jetties, etc., demands large quantities of pitch pine. In recent years there has been a marked increase in the import of fine woods used in carriage building and in general cabinet work.

Cardiff is an important ship repairing centre. This trade absorbs immense logs for beams, ship masts, poles, etc., where strength and lightness of material are requisite, and woods of varying kinds are used by the many works carried on in the Cardiff district, including biscuit making, confectionery, paper making, breweries, mineral water manufactories, vinegar factories, jam factories, tobacco and cigar factories, soap works, etc.

## Why Wood Should go to Cardiff

The particular kinds of Canadian wood mostly used are spruce for building purposes and for packing cases and red pine (pinus resinosa) used for carpentry or joinery purposes and general building. Generally speaking, spruce, B.C. fir and white pine are imported in deal sizes 2½" and 3" x 6" and wider. Oak is used for wagon scantlings, boards, etc., birch chiefly for boards and maple for flooring. The most popular widths and thicknesses for the English trade are 3" in width, by 6" to 11" thickness. As the trade in Canada well knows, importers prefer that shipments of spruce and B.C. fir be made in full cargoes; other grades of wood sent in less than full cargoes usually arrive in parcels per liners.



The facilities provided at the Cardiff docks for dealing with timber are good and ample. There are numerous timber floats, 28 acres in all, and wharves and yards with the necessary labour saving machinery and appliances. The dock dues and other charges imposed at Cardiff compare most favourably with those charged at other ports. At Cardiff there is the special advantage that ships arriving with timber can always obtain a return load of coal or bunkers without loss of time and without having to pay a second set of dock dues.

The Canadian exporter should bear in mind that the freights operating from Canada to British ports are higher than those from Sweden, where most of the pine imported into Britain is received from. Now is the time for Canadian exporters to send their wood to Cardiff for the reason that Cardiff is exporting coal to Canada.

Regular sailings already operate between Montreal and Cardiff in the summer and between Halifax, (N.S.) and Cardiff during the winter months by the Canadian Government Mercantile Marine boats. This service has been so advantageous to traders on both sides of the sea that the sailings have recently been increased.

A unique opportunity presents itself to open up new markets between Canada and Cardiff and the Canadian Trade Commissioner, in conjunction with the Cardiff Development Agent, are watching the matter very closely.



Here is a thirty-five ton load of spruce logs consisting of 242 pieces of 16-foot lengths. This great weight was hauled by the team of Sam Larche two and a half miles down the big gulley on one of the timber limits of the Abitibi Power & Paper Co., Iroquois Falls, Ont. The picture shows the immense load just as it has been completed and before the horses were hitched on.



# Canada Lumberman

Founded 1880

The National Lumber Journal for Forty Years

Issued on the 1st and 15th of every month by

## Hugh C. MacLean Publications

LIMITED

THOS. S. YOUNG, Managing Director

G. B. Van Blaricom, Editor

HEAD OFFICE - - - - 347 Adelaide Street, West, TORONTO

Proprietors and Publishers also of Electrical News, Contract Record,  
Canadian Woodworker and Footwear in Canada.



VANCOUVER	- - - - -	Winch Building
MONTREAL	- - - - -	119 Board of Trade Bldg.
WINNIPEG	- - - - -	302 Travellers' Bldg.
NEW YORK	- - - - -	296 Broadway
CHICAGO	- - - - -	14 West Washington Street
LONDON, ENG.	- - - - -	16 Regent Street, S.W.

### TERMS OF SUBSCRIPTION

Canada, Great Britain and British Possessions \$3.00; United States \$3.00;  
other Foreign Countries \$5.00. Single Copies 20 Cents.

Single copies, 20 cents.

Authorized by the Postmaster-General for Canada, for transmission as  
second-class matter.

Vol. 43

Toronto, March 15, 1923

No. 6

### What This Year Will Bring Forth?

On all sides the question is being asked what are the prospects of the lumber industry during 1923. The speculative always arouses more interest and solicitude than the present. To the future we ever look with desire and inspiration. Nearly everyone likes to make a prediction and to imagine that he or she has vision which the development of time and circumstances will justify. What is going to happen is ever more interesting and alluring than what has happened, and, consequently, the question of outlook is one that is being discussed on all sides.

In interviews, which appear on other pages of the "Canada Lumberman," it is declared that 1923 should witness very considerable improvement in general business, particularly so, in the lumber line. It is difficult to present a concrete forecast, and so many predictions have been upset in the past by unlooked-for turns in consumption, distribution and demand that knowing ones have ceased to speak with the same assurance and definiteness regarding the future that they did in the days before the war. Then the volume of prospective trade could be gauged largely by what had taken place during the past season. Conditions were normal and development gradual and regular. There were no unexpected turns in the road, no unforeseen barriers and a long vista could be secured from the watch towers of operation and production.

To-day, owing to the complex foreign situation, depreciation of currency, demands of labor, agitation, unrest, extravagance, spendthriftiness, high living, love of luxury, etc., many other factors have to be taken into consideration. A world war upsets every standard and uproots every tradition, and the work of liquidation, replacement and readjustment is naturally prolix and painful.

However, 1922 was a much better year in the forest products line than the previous one judging by reports received from lumbermen in all parts of the Dominion. Building was more active and demand gradually developed and strengthened until the last three months of the year witnessed in some quarters a remarkable revival.

So far as the coming year is concerned, manufacturers and wholesalers believe that business for the first six months at any rate will be unusually good, but just what will happen after that when the new cut comes on the market, no one cares to foretell. Everything points to the fact that 1923 will, on the whole, be a better period than 1922, providing no untoward event occurs to mar the increasing demand for lumber, the home building campaign, constructional undertakings, the awakening activity in industrial enterprises and the numerous projects that are being considered and discussed on all sides. No one expects that 1923 will be a boom year but it should be one of uniform business transacted on a sound,

square profit basis and not characterized by any artificial accessories. The latter tend to becloud the issue and warp the judgment and ideas of those who are inclined to be swept off their feet without sufficient thought or discernment.

A firm hand, a clear conscience, abundant patience, diligent application, greater efficiency and needed economies will bring the lumber industry through the coming year with a larger measure of satisfaction to all branches than has been witnessed during the past decade.

Babson, in a recent article, gives the following opinion of 1923: "It will be possible for you to make as much during the next twelve months as in any year of your business life, but it will not be along the lines which made money in 1919 and 1920, nor in any other boom year. The profits of 1923 will come by giving attention to details, by stopping the little leaks, by saving here and there through new labor-saving inventions, and most of all, by devising new and more economical means of distributing goods."

### How Far Do You Honor Contracts?

This question is again being asked by lumbermen in various parts of the country owing to the ascending prices in certain lines of wood products. It is a peculiar commentary upon human nature that some producers think, while they operate normally by one rule, it may with impunity be suspended in time of stress or difficulty. A business man will frequently talk about the shortcomings of another, his lack of honor, judgment, sense of obligation and square dealing. At the same time the accuser may be guilty of more flagrant breaches of merchandizing ethics than any which he attributes to the other fellow. There are certain men who always observe the golden rule, and are able in every relation of life to see two sides to a proposition and act toward others as they would have deal with them.

In the buying and selling of lumber, too much nowadays is often left unrecorded or implied. There is nothing definite in black and white, so far as stipulations as to trade, delivery, price, etc., are concerned. These contracts are not binding ones but are based on loose, oral agreements or cloudily-worded correspondence, embodying terms and expressions which are not interpreted the same way by both parties. The result is that there is opened up a fruitful source of misunderstanding, suspicion, delay and dissension.

The train, that leaves a station in which there is a network of tracks, but proceeds out on the right one and starts on time, is seldom delayed or has any difficulty in reaching its destination at the appointed hour. The same observation might be applied to properly worded, carefully drawn-up order forms, which do not leave a wide loop-hole for an assumption that such and such is the case. Of course, there are instances where a buyer or seller may have deliberate intention to defraud and deceive, but such cases are rare. When trade relations and terms of sale are called into question, it has an unpleasant effect generally for its reflex action is felt more widely than the two parties immediately concerned. Each one tells his friends and thus considerable backbiting and trading follow.

The number of complaints regarding cancellation of contracts or misrepresentation as to grades, color, width, thickness, etc., is gradually disappearing. The number of dealers who are honest and want to do the right thing is increasing, but there is still considerable carelessness in making out contracts or in writing up orders which leads to doubt and misunderstanding. Wholesale lumbermen have to live up to their contracts in both dull and prosperous ones and they naturally expect that retailers will do the same. Many flimsy pretexts can be offered for cancelling an order. An offender may get away with these fictitious reasons a few times but in the long run he becomes recognized and if he was aware how he is regarded by salesmen, he would, think twice before following a course which possibly he may have regarded as clever or shrewd.

The man, who really wants to get out of a contract and goes to the seller and frankly confesses that he can buy cheaper elsewhere and that he does not wish to be forced to honor or accept the order earns, at least, respect for his candor and fairness, which is an asset in all business transactions. He, who puts forward some trivial or spurious plea about terms of payment, shake, stain, moisture, substitution, low grading, etc.,—when such defects do not really occur,—is not one who has the courage of his convictions, and is looked upon as tricky or deceitful.

The dealer who faithfully and loyally carries out his contract, even though at a pecuniary loss to himself, is the gainer in the long run, not only in the matter of earning the goodwill and kindly consideration of those higher up in the trade but in numerous other ways. When conditions are altered, those from whom he buys, are frequently able to be of such assistance, and true friendship and established confidence are attributes more enduring than a mere dollar and cents gain or some temporary advantage.



# How Retailers are "Sizing Up" Spring Trade

"What is doing in the lumber business in your locality?" was the question recently asked of representative retail dealers in various sections of the country. There is no man in the trade who has his ear closer to the ground than the alert yardman in the towns, villages and cities. He comes in contact with all classes of people and is sure to learn the extent of building operations, the ordinary trend of trade, the spread of the home-building idea, the growth of new sections and how the farmers feel in the matter of repairs and alterations.

It is not the intention to dwell at any length upon the situation for the coming season but to let others speak who are very directly in touch with all that is around and about them. Here are a few opinions from representative retailers in widely scattered districts:—

The prospects of building in this district are good and improving all the while.—K. J. Shirton, Dunnville, President of the Ontario Retail Lumber Dealers' Association.

With the mines resuming work and general conditions in all lines improving, we expect a good season.—J. A. Lamberge, Sudbury.

The prospects here are fair. Can speak more definitely a little later.—West & Jackson, Tillsonburg.

Things look bright for spring.—Davis & Doty, Oakville.

So far the outlook is not very encouraging in this locality. Houses which have been built for sale, are not disposed of and buyers do not seem to be in a position to make any worth-while payments. There will be less house-building here than usual.—Reid Bros., Niagara Falls.

The outlook here is fairly good.—B. & N. Planing Mills, Milverton.

Cannot speak definitely at present. Much depends upon the manufacturers stirring up.—O. W. Rice & Co., Welland.

Lumber and building outlook very good.—W. J. Travis & Son, Wyoming.

Everything appears promising.—Elliott Lumber Co., Limited, New Toronto.

Very good, indeed.—McGibbon & Sons, Sarnia.

The lumber outlook is better than for some time with stiffening in prices all along the line.—Charles A. Duff, Renfrew.

## Steady Improvement Since Fall

Everything is going ahead in Listowel and the prospects are bright in the lumber line.—Robert Oliver, Listowel.

We do not anticipate very much improvement in 1923. Quite a large number of vacant houses here. In the matter of new schools and dwellings things have been pretty well taken care of for some time and there may not be many factory additions.—Patterson & Crosthwaite, Hamilton.

Everything looks very well for trade in this section.—P. G. Piggott Lumber Co., Chatham.

At present the outlook is much better and shows a steady improvement since fall and the early part of the winter. Inquiries are coming quite freely for hardwood lumber. I did not intend to buy or cut many logs but now as prices seem to be on the up-grade, I will buy all the logs I can get.—John D. Campbell, Cornwall.

For the coming season the outlook is good. If lumber prices keep stabilized it would give evidence to the trade and ensure a good year's business.—P. W. Gardiner & Son, Galt.

We expect a good season from present outlook.—Ross Taylor & Co., Exeter, Ont.

Our Kitchener office reports prospects good and our Hespler branch as fair. So far as Guelph is concerned, things are looking fairly well.—Robert Stewart Limited, Guelph.

Conditions are looking fairly well here. We expect considerable improvement toward the end of the month.—George Thompson, Cobourg.

Trade is quiet at present. The outlook will be very good if prices do not advance.—D. J. McEachren & Son, Alvinston.

Considerable building will likely commence here as soon as spring opens up. This should help the outlook for the lumber business in this district.—Frank McLean, Brigidon.

The outlook for the lumber business is not very promis-

ing in this section at present but may improve.—Wm. Swan, Bright, Ont.

The lumber horizon is brighter. Our inquiries, particularly for maple and birch, are larger than they have been, and we have been able to get our stocks cleaned up although we have not made shipments of all of it yet. The retail price looks promising for spring unless the advance in spruce holds it up.—A. L. McDermid & Co., Apple Hill.

We are looking forward to a considerable improvement in spring business.—Ingleby-Taylor Co., Limited, Brantford.

## Much Better Than Last Year

Outlook very encouraging, much better than in 1922 which was our smallest year in the retail business since 1917.—A. F. Campbell & Son, Arnprior.

For 1923 the prospects are very good in our locality.—Ball Planing Mill Co., Barrie.

Outlook for business here is good.—A. Coates & Son, Burlington.

Things in this district are looking up.—Fairbank Coal & Lumber Co., Fairbank.

There are some inquiries for material for building and we are looking for a good year as we always do.—Allen Lumber Co., Kingston.

I think the prospects are more favorable for an active and prosperous business than they were in 1922.—George Edgington, Brownsville.

We expect a fairly good spring trade in small owner homes.—Frank A. Bowden & Sons Co., Lansing.

It is a little too early yet for us to speak with respect to business prospects as things do not begin to move until about the middle of March. We hope, however, for a good year.—F. B. VanDusen, Brockville.

Business in this section is quiet but we expect when spring opens up that we will have a bigger turnover than last year.—Wm. A. Nichols, Carleton Place.

Outlook not as good as if lumber prices were stabilized.—Macpherson & Clarke, Glencoe.

Everything looks very bright.—J. Murdock, Durham.

All depends on prices. If they advance much it will tend to kill trade. We rather expect some will try to bring about a runaway market.—Naylor-Osborne Co., Essex.

Fairly good, I should say.—D. Anderson, Dryden.

Prospects improving every day. There will be a limited amount of home-building but very little speculative building. School and church construction quite active.—S. Hadley Lumber Co., Chatham.

## Very Busy in Milling Line

My trade is mill customs sawing. Farmers bring in logs from their wood lots for converting into lumber for their own use. Owing to lots of snow there have been considerably more logs coming in than last year. So far as building is concerned, we think it will be about the same as last year.—A. E. Reesor, Markham.

The outlook is very good, about 25 per cent increase in production over last year in the lumber line, with prices on the up-grade.—Joseph Speers, Burk's Falls.

If spring conditions are favorable to the farmer and prices for agricultural produce advance, we expect a good season.—McLaurin & Sinclair, Vankleek Hill.

There is not a large demand for lumber at the present time, but it is steady.—Berhalter Lumber Co., Thorold.

The outlook in this district is fair so far as construction is concerned.—Zimmerman Bros., Travistock.

Very good business in sight.—Longfield Bros., Mount Brydges.

Many other replies have been received from representative dealers and it is not possible to quote all. The general outlook, however, appears to be that in nearly every centre 1923 trade in the lumber and building line should show an improvement over that of 1922, providing prices do not unduly ascend. Stability in quotations and equalization of consumption and distribution are desirable factors in the lumber arena today.



### Sundridge Girl Carries off First Award

Mildred Gibbon, who won first prize in the recent school competition conducted by the Canadian Forestry Association, lives at Sundridge, in the Parry Sound district. She is eleven years old and attends Hartfell public school, which is five miles from Sundridge where she has lived all her life. Her father is a farmer and works in the winter taking out pulpwood and other timber off his property. Mildred says they have a sugar bush and evaporator that handles the fruit of two thousand trees. She also says that her father came to Sundridge district when it was all bush.

Her essay was as follows:

In speaking of the importance of our forests it is hard to place too much value on our timber. So much of our daily work is connected with timber that it is hard to realize what we would do without it. In the early days here as elsewhere everything was wooden, and in clearing the land the biggest job was to get rid of the timber by fire, or any other way, and no attempt was made to prevent the fire from spreading to the bush and doing a good deal of damage by burning over great tracts of land that have since grown up with berry bushes and trash, spoiling forever the natural beauty of our forests.

My father came over here forty years ago and at that time timber of all kinds was not worth anything only in the way of



Mildred Gibbon, Sundridge, Ont.  
Winner of school essay competition on forest conservation

building and fencing. Fine big pine trees that are nowadays looked on by anyone that may have a few as being a prize were burned in great heaps, also birch, spruce and balsam, also maple and all other kinds of timber that grow here were logged up and burnt and no attempt was made to save or preserve the standing timber. All kinds of timber are looked on as so much money. Those who are looking to the future are not wasting anything in clearing land. What will make logs, are drawn to the mill and sold. The rough wood and limbs are cut into stove and furnace wood and sold in the villages and to the dealers who ship it out to the cities. Then the lumber camps give steady work to an army of men and teams from early fall till the snow is all gone in the spring. All our neighbours for miles around here work in the bush all winter either in camps or taking out pulp wood and stove wood. A great deal of money is brought into the homes that way and we depend entirely on wood to cook our meals and keep us warm. In the early days I have heard my father say that a real dry summer was unknown and it was because of so much green bush around that kept the air moist, but as the clearances got bigger and the bush fires were a yearly occurrence, the ground dried up and the crops suffered for lack of moisture. I think every farm should have a wood plot left or planted. Waste or stoney places should be planted with trees that will grow on that kind of soil and great care should be taken when clearing land so that fire does not get away in the bush and burn in a few days or hours what has taken hundreds of years to grow.

A great many fires are caused in this way, but not all. Tourists and campers are sometimes not as careful as they should be. Camp fires are not carefully put out and matches are thrown away by careless smokers and fires starting destroy hundreds of acres of valuable timber that in a few years grow to a thicket of berry bushes and pin

cherries. Of course these give place to other and more valuable timber in a few years, but nobody, or at least not many, are living today that will earn much money taking out timber or wood from land that has been burnt over and has grown up with second growth timber.

I think that greater care should be taken by everybody and stamp out this enemy of our forests. I must say a word before I get through about one of our best paying side lines to farming, I mean the maple sugar bush. Thousands of gallons of maple syrup are made every year in this part of the country and is sent all over Canada and some is sent to foreign countries and a deal of money is made by those having a good sugar bush. And the best of it is it never wears out but is ready every spring with its crop of syrup and sugar.

### How Fire Fiend Keeps Up His Work

Property to the value of 22 million dollars was destroyed by fire in Ontario during 1922, according to a statement made by Fire Marshall E. P. Heaton to representatives of the Mutual Fire Underwriters' Association recently in Toronto. This tremendous increase over previous years was partly due to the fires in Northern Ontario. There were large increases in barn fires, which numbered 663, and also in fires in dwellings, which totalled 6,000. Fire Marshall Heaton expressed the opinion that the use of soft coal and other substitutes for anthracite had resulted in many fires. Another speaker, Mungo McNab, said that too many barn fires were attributed to spontaneous combustion, which many farmers gave as the cause of a fire which was started by themselves.

### Three Rivers Selected for School

It is understood that Three Rivers, Que., has been chosen for the erection of the pulp and paper school, legislation provision for which was made at the last session of the provincial legislature. Three Rivers is a great pulp and paper centre and the location is regarded as an admirable one from every standpoint. The school will be operated under control of the Provincial Government, but the pulp and paper mill owners will co-operate to a great extent as the institution will supply them with experts within a short time.

The construction of the school will start early this spring and will be completed on time to be in full operation next fall.

The Forestry Educational System in Quebec, which is under the direction of Messrs. Gustave Piche, Chief Forestry Engineer and Mr. Avila Bedard, his assistant, will be a complete one.

At present plans are being prepared to erect the new Forestry School on Ste. Foye Road, retaining its affiliation with Laval University, but being transferred to that point in order to supply greater accommodation.

The complete curriculum of the new system will include study at the forestry school, the pulp and paper school, and practical courses where forest rangers will be able to receive instructions regarding the protection of forests against fires.

The 1923 programme of the Department of Lands and Forests to reduce the losses through forest fire to a minimum has not yet been announced.

The closing of the forests, through the issuance of permits, will, it is stated, be revived this season. Last year the system produced good results.

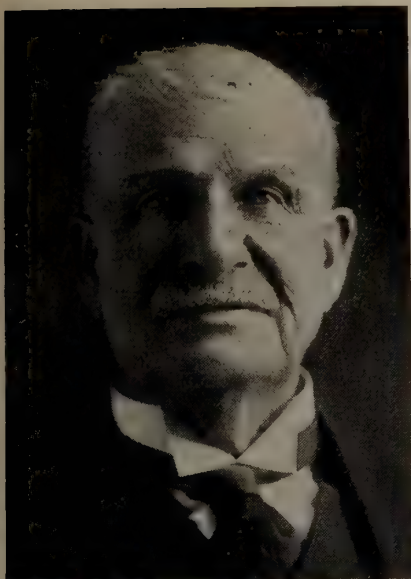
### Lumber Product Exports From St. John

An interesting statement of the exports of lumber and lumber products to the United States for the twelve months ending December 31st, 1922, as compared with the figures for the previous year has been sent to the "Canada Lumberman" by Edward H. Carter, American Vice-Consul, at St. John, N. B. It will be noticed that 1922 shows a gratifying gain in nearly all items over the returns of 1921.

	1921		1922	
Pulpwood (Rough)			89,977.60	8,825 Cds.
Pulpwood (Rosced)	148,518.00	9,578 Cds.	9,800.00	800 Cds.
Pulpwood (Peeled)			19,842.86	2,241 Cds.
Spruce Piling	3,396.00	1,131 Pcs.	16,472.55	5,490 Pcs.
Cedar Poles	6,010.00	1,724 Pcs.		
Fir Lumber			546.42	9m Ft.
Wood Cross Arms	110.00	100 Pcs.		
Clothes Poles			1,125.00	34m Pcs.
Spruce Spars			500.00	82 Pcs.
Spruce Barrel Staves			267.08	50m Lbs.
Elm Staves			863.28	60m Lbs.
Softwood	1,083,605.58	40,189m Ft.	1,424,517.27	66,750m Ft.
Laths	371,815.00	58,004m Pcs.	895,751.39	135,500m Pcs.
Shingles	12,510.00	2,481m Pcs.	11,382.68	2,347m Pcs.
Hemlock			11,150.56	362½m Ft.
Pine	50,831.17	1,570m Ft.	63,369.41	2,049m Ft.
Hardwood			1,253.31	55½m Ft.
Woodpulp	888,930.00	20,523m Lbs.	1,150,506.24	24,270m Lbs.
			\$2,565,725.75	\$3,697,325.65



## Veteran Official Has Earned Rest



William Douglas, Braeside, Ont.

William Douglas, who recently retired from the position of superintendent of the milling operations of Gillies Bros., Limited, Braeside, Ont., and was honored by a complimentary banquet and presentation at Braeside, has long been an outstanding figure in the lumber line. He has been superannuated by the firm and was presented with a valuable gold watch, suitably inscribed:—"To William Douglas from Gillies Bros., Limited, in appreciation of fifty-six years co-operation, 1866-1922." Mr. Douglas fellow-employees at the same time gave him a smoking set and a gold-headed cane. Numerous friends of the veteran millman will wish him many more years to enjoy the quiet and rest of peaceful old age, Mr. Douglas has always been a faithful, energetic servant, ever loyal to the company's interests and never sparing himself in advancing its welfare. He was stalwart and true and could be counted upon in any emergency, rising from a tail sawyer up through the various grades until he became superintendent of the splendid brick, steel and concrete, electrically-driven mill of Gillies Bros., the only one of its kind in Canada. His long record is one that stands out prominently in an industry which perhaps is characterized by more shifts and removals than many others. Mr. Douglas played his part and did it well and retires in the evening of life, conscious that he rendered good service and that his employers appreciate his effective labor and devotion to duty.

## Converting Waste Material Into Wood Flour

A machine, which is rapidly coming to the front in woodworking plants, planing mills, etc., is the Stroud Air Separation Wood Pulverizer and the All-Metal 100% Efficient Dust Collector. The installation of equipment for converting sawdust, shavings, planer chips and other waste into wood meal and wood flour, is a progressive move. Several new features of the satisfactory disposal of the product are looming up daily. The equipment is made by E. H. Stroud & Co., 928-934 Fullerton Ave., Chicago, and it is announced that the installations are the result of attempts made for years in order to save the numerous materials now being lost.

The Stroud Air Separation Pulverizer is a machine grinding upon the attrition or beating principle, and separates successfully by air. It is pointed out that the pulverizer has no sieves or screens. The bottom of the grinding chamber is closed and there is an air separation chamber above the grinding chamber, and also an exhaust fan on top. The machine receives its raw product through its automatic feeder in pieces of quite large size, if desired, and drives it around and around in its narrow rough grinding chamber with considerable force, making the lumps shatter each other to pieces and reducing them by one quick motion to whatever mesh and fineness may be desired. The coarseness or fineness of the product is regulated by the strength, velocity and expansion of the current of air induced by the exhaust fan and by other ways that the air is used by the machine, which air also delivers the finished product through the fan.

The Stroud Air Separation Pulverizer is for all sizes of dry grindable materials, and for some it carries 6% to 8% or sometimes more moisture, thus often eliminating the use of a dryer.

Wood flour and wood meal are becoming more generally used and form a base for phonograph records, mouldings, oatmeal wall-paper, composition floors, artificial silk, artificial sausage casings, linoleums, terra cotta, porous brick and artificial mosaic flooring, wood fibre plaster, floor sweeping compounds, and many other products.

## Some Lumber Camps Then and Now

I have not let such things as this, writes Capt. Robert Dollar in the Nations Business, make me think that conditions and people are getting worse instead of better. In many directions there are vast improvements. One instance of this is the difference between the better class of lumber camps and living conditions as I knew them as a boy in the Canadian woods.

Then our stores consisted of fat salt pork in barrels, flour and

peas. A few years after I started beans were added to the list. Tea was supplied to anyone who wished to pay \$1 a month for it. Occasionally a few sacks of potatoes were sent in before the cold weather came. No other vegetables of any kind were used.

The result of this monotonous diet was that in the spring of the year we had men laid up with the disease called "black leg." This is similar to the disease the Japanese and Chinese are afflicted with on board ships. It is called "berberi" and is caused by the constant use of rice.

Another disease that attacked many of us before we could get a change of food was what we called "night blind." As soon as the sun set we would become totally blind until after sunrise. All those so afflicted would have to be back in camp before sunset or they would have to be led. Even a candle did not help out, as it gave no light to those afflicted. By eating small pieces of cheese or drinking milk a complete cure was effected within five or six days.

A big box was kept in each camp, called, for short a "van," properly "vanjouterie." In it were the tobacco and necessary clothing that might be required. Our complete line of medicine consisted of the following: Radway's Ready Relief, salts, castor oil and sticking plaster. These were supposed to cure all the ills that the lumbermen of those days were afflicted with—and I must say that the men were a strong, healthy lot.

What a pity that employers should neglect the welfare of their men! It was to their own hurt, for men afflicted could not do the work that healthy men could do. Men in our camps nowadays are never troubled with "black leg" or "night blindness." They are well fed, and with as good a variety, as the people in our city homes.

## May Expropriate Land for Nurseries

There was recently passed in the Ontario Legislature a bill to empower the Minister of Lands and Forests to expropriate lands for nursery or reforestation purposes. Hon. Beniah Bowman, Minister of Lands and Forests, stated that the capacity of the Norfolk Nurseries had been doubled four times during the last year and that it was the intention of the Government to go ahead on a large scale. Premier Drury added that the bill sought to bestow a very necessary power. The Government wanted nursery sites which were very hard to get, and once it became known that the provincial authorities desired certain properties, lands, which were next to worthless assumed a very considerable value. The new bill would overcome this difficulty by enabling the Government to expropriate land for nursery or reforestation purposes.

## New Members of the Association

The following firms have recently joined the Canadian Lumbermen's Association, Ottawa, Ont., the membership of which is growing steadily:—

H. V. Berry, Fort Plain, N. Y.  
 Blanchard Lumber Co., 126 State St., Boston, Mass.  
 Brighton Lumber Co., Island Pond, Vt.  
 John F. Burke, 33 West 42nd St., New York City.  
 George F. Gray, Grand Central Terminal, New York City.  
 Inspectors Lumber Co., West Chazy, N. Y.  
 Robinson-Edwards Lumber Co., Burlington, Vt.  
 Stevens Lumber Co., 10 P.O. Square, Boston, Mass.  
 Woodstock Lumber Co., 131 State St., Boston, Mass.  
 Thomas Bell, St. John, N. B.  
 Brown Corporation, Quebec, P. Q.  
 W. C. Cochrane, Sudbury, Ont.  
 Church & Church Ltd., B33 Board of Trade Bldg., Montreal.  
 English Lake Lumber Co., I'Israeli, P. Q.  
 Jost Co., Limited, 285 Beaver Hall Hill, Montreal, P. Q.  
 Muskoka Wood Mfg. Co., Limited, Huntsville, Ont.  
 R. O'Leary & Son, Richibucto, N. B.  
 Pierce Lumber Co., Limited, Timmins, Ont.  
 T. Prefontaine & Co., Montreal, P. Q.  
 St. Agathe Lumber & Construction Co. Ltd., Montreal, P. Q.

## Big Contract Awarded for Boilers

A contract has been awarded by the Toronto Transportation Commission for four 72 inches by 20 feet horizontal return tubular boilers, 125 lb. working pressure, built to Ontario codes, to the Engineering & Machine Works of Canada, Limited, of St. Catharines. A large breeching construction, 7 feet by 5 feet, and 60 feet long, connects the boilers to the stack. These boilers will be installed in the new \$1,000,000 repair shops being erected on Bathurst St., by the T.T.C. Keen competition, not only in regard to price but in regard to quality of workmanship, in which the commission is very particular, characterized the letting of this contract.





An official photograph taken by the Air Board at Lac la Loutre, 45 miles north of Roberval, Chicoutimi County, Que.

### Effective Aerial Work in Lake St. John Area

A. Landry, chief operator in charge of the Quebec Lands and Forestry Department hydroplane station at Roberval, located on the higher levels of the Lake St. John district 167 miles north of the city of Quebec is at present working on his report in connection with air observation, survey and photography, carried on last summer in the Lake St. John district and the north coast on the Nuskasquan River, 600 miles north of the base of Hydroplane station. This station was established in the summer of 1919 and good work done during this period to ascertain the status of the crown timber lands by air survey and observation, as well as photography of the areas to guide the forestry engineers in the work of land surveying.

The biggest results achieved by Mr. Landry and his pilot and observation assistants were in the summer of 1922 when 2,400 vertical and oblique photographs were secured in the Lake St. John district over an area of 3,500 square miles explored, and on the north coast 3,750 miles explored. Some of the oblique photographs secured from the planes, 2,000 feet in the air, are submitted for visualization to the readers of the "Canada Lumberman." They show the hydroplane station, the monastery conducted by the Trappist Monks, twenty-seven miles north of Roberval, and a few photos of timber lands with the numerous lakes, as well as the areas passed over by forest fires in their origin, due to careless hunters after fur-bearing animals.

The Provincial Government hydroplane station at Roberval is operated by a staff of sixteen employees under the direction of A. Landry, including four hydroplanes, the pilots, three observers, one photographer, mechanics and riggers. The station is distinctly shown on the photograph with two of the hydroplanes plainly seen anchored in the water close by the station.

Mr. Landry, is at the present engaged on his report for presentation to the Minister of the Department of Lands and Forests. He says that fires have done a great deal of damage to virgin forests due to careless hunters but says the insect plague is infinitely worse in its work of destruction. The photographs he has taken show to the practical experienced eye of the lumbermen the conditions of the Crown land areas and the burnt as well as the poor timber sections and the young forest lands. Mr. Landry declares that his work is by no means finished; in fact it has only begun. No exploration as yet has been made in the Uganda or northeast of the Saguenay which, however, in time will be fully explored, and observations and photographs taken, vertical and oblique.

### The Lumber Cut in New Brunswick

According to the latest word from the Crown Lands office in Fredericton, the lumber cut on crown lands throughout the Province of New Brunswick this winter will aggregate approximately 210,000,000 feet. The figures are being compiled by A. T. Murchie, chief scaler, and he estimates the total cut will be twice as large as that of last winter.

While it is a fact that twice as much lumber will be cut this winter on crown lands throughout the province as that of last season, the entire cut will not be much more than half that cut during 1921 and 1922. The average normal cut for this province is seven hundred millions. This year practically all of the big cuts have been made in the northern sections of Northumberland, Gloucester and Restigouche and along the St. John river, where the vast majority of the crown lands are situated. From Northumberland county all the way south the cut has been very small in comparison, due to the exceptionally heavy snow fall and the soft bottom. One operator in the southern section estimates that the total cut on private lands

will not exceed 100,000,000 feet. This shows that the entire log harvest will be away below the normal cut.

Some operators on private lands in the southern section have signified their intention of carrying on operations as soon as some of the snow melts, providing that the bottom will permit. Doubt as to the advisability of this is expressed and as a result very little may be accomplished.

Alexander Watson, well-known, retired lumber merchant, died recently at his home in St. John. He is survived by his wife, one daughter and two brothers. He conducted a lumber business for many years under the name of Alexander Watson, Ltd.

A new record for lath cutting in the province was recently established at the mill of J. & A. Culligan at Culligan, Restigouche County, when one machine cut 73,000 No. 1 laths in ten hours.

Starting from unknown causes fire destroyed the sash and door factory of M. Bertrand at Masham Mills, Que., recently causing an estimated loss of \$50,000, only partly covered by insurance. Efforts of the volunteer firemen to control the blaze were of no avail the plant being completely destroyed. Several thousand doors and window frames and lumber piles were consumed by the flames.

No effort will be spared this season by government officials in the Province of New Brunswick to increase activities for forest protection. The department of lands and mines has signified its intention of extending its system to greater protect the forests from fire and as a result the expenditure on this work will be quite heavy. It is estimated that \$75,000 will be necessary to carry out their programme. It is expected that more look-out towers will be erected and the telephone system extended between these towers. One tower will be at Mount Carleton on the head waters of the Tobique River and the other at the Narrows on the Nashwaak River.

The advance of lumber prices in the American market is being heralded with joy by shippers throughout the Province and from present indications it will not be long before this important industry will again be flourishing after years of hard and discouraging financing. It is with satisfaction that all learned that their product, which last year only brought \$32 a thousand is now being quoted at \$45 and the supply is said to be meagre. One large Boston buyer while travelling through the province, said that it is almost impossible to get the quantities or the dimensions demanded. He said that there is no doubt that the cut of 1922-1923 will bring better quotations than heretofore. As a result of this stated improvement lumbermen in the province are not over anxious to sell their new cut in advance and are holding back awaiting the best offer, which they figure will be forthcoming in a few months.

J. A. Gregory's band re-sawing and planing mill in West St. John was recently destroyed by fire. The fire broke out in the mill and the structure was destroyed before it could be extinguished. Besides the building all of the machinery, which included a band saw and two planers, was destroyed and also a large quantity of manufactured lumber. The loss was covered by insurance. This mill was operated by electricity and was working steadily. In conversation with a correspondent of the "Canada Lumberman" the owner, J. A. Gregory, announced that he has started re-building on a temporary plan. Later on when an opportunity is afforded he will construct a much larger plant.



# *East May Now Adopt Universal Grading Rules*

## *Tentative Regulations Drawn up Which Set Forth Everything in Direct Terms That are Easily Understood—Progress on Uniform Plan*

The Massachusetts Retail Lumber Dealers' Association, at a recent meeting held in Boston, adopted official grading rules for Eastern spruce and hemlock. It is proposed that these rules for uniform survey and grading should apply to the New England States, Eastern Canada and the Maritime Provinces. Prior to their being adopted by the Massachusetts retailers, they had been approved by eastern wholesalers and manufacturers, and have now been submitted to the Director of Standards for Massachusetts, Major Francis Meredith. The latter official, under a new state law, will call a hearing for the consideration of the tentative rules. It is predicted that no serious opposition will be offered from any branch of the lumber industry, in fact, it is declared that the rules will become official and put in force throughout the state in the near future. The regulations are set forth in plain, specific and direct terms and are easily comprehended.

A recent despatch from Boston says the Director of Standards believes that the working out of this problem by the state of Massachusetts, so far as eastern lumber is concerned, will be entirely acceptable to the Standardization Committees now laboring under the direction of Secretary Hoover of the U. S. Department of Commerce. Eastern lumbermen are of the opinion that the matter of sizes, both rough and finished, should be left for the final decision of the national standardization authorities.

The report of the joint committee is now before the Director of Standards for Massachusetts for final adjudication.

### **The Proposed Official Grading Rules**

Herewith are attached rules for uniform survey and grading for Eastern pine and hemlock produced in the New England States, Eastern Canada and the Maritime Provinces, as recommended by the Joint Committee on Grading Rules. The preamble is as follows:—

In preparing these rules the purpose for which each grade may be used has been considered in determining the number, size and position of the defects which it may contain and still be satisfactory for the use intended.

In considering and applying the following rules, the number and extent of defects allowed are understood to be proportionate to their damaging effect upon stock under consideration.

The grade shall in each case be determined by the number, character and location of the defects visible in any piece.

The description of grades following was intended to describe the poorest piece that any grade may contain. Each grade is to include all lumber between the next higher and the next lower grades.

All boards, either rough or dressed two sides, shall be surveyed on the best side to determine the grade. Those surfaced on one side shall be surveyed on the dressed side.

All lumber shall be surveyed and graded as to its full length and width unless so marked by the shipper as to indicate clearly that a portion of the measurement has been omitted to allow for defects.

In the measurement of all square edged lumber, fractions exactly on the one-half foot shall be given alternately to the buyer and seller; fractions below the one-half foot shall be dropped and those above one-half foot shall be counted to the next higher figure on the board rule. A piece tally in feet shall be made of all lumber measured. All lumber of standard grades and thicknesses shall be tallied face or surface measure and this tally shall be the number of feet, board measure, of one-inch lumber. If the lumber is thicker than one inch, one-quarter or one-half shall be added where the lumber is  $1\frac{1}{4}$  and  $1\frac{1}{2}$  inches thick. If the lumber is 2 inches or thicker, the surface measure shall be multiplied by the thickness. All lumber less than one inch thick shall be tallied face measure. When strips or stock widths are measured, a tally showing widths and lengths must be made.

### **Defects**

Recognized defects in eastern spruce, pine and hemlock are knots, knot holes, worm or grub holes, splits, shakes or

gum seams, wane, rot and imperfect manufacture. Bright sap shall not be considered a defect in any grade. Knots shall be classified as pin, small standard and large as to size; round and spike as to form and sound or loose as to quality.

The pin knot is sound and tight, not over one-half inch in diameter.

A small knot is not over three-quarters of an inch in diameter.

A standard knot  $1\frac{1}{2}$  inches in diameter.

A large knot is any size over  $1\frac{1}{2}$  inches in diameter.

A round knot is oval or circular in form.

A spike knot is one sawn in lengthwise direction.

A sound and tight knot is as hard as the wood it is in and is so fixed by growth and position that it will retain its place in the piece.

A loose knot is one not held firmly in place by growth or position.

The mean or average diameter of knots shall be considered in applying or construing the rule.

### **Worm or Grub Holes**

Worm or grub holes shall be classified as pin or larger.

A pin worm or grub hole is a hole drilled by an insect not more than one-sixteenth of an inch in diameter.

A large worm or grub hole is a hole drilled by an insect over one-sixteenth of an inch in diameter.

### **Wane**

Wane is a slabby edge on the surface, with or without the bark adhering.

### **Imperfect Manufacture**

Imperfect lumber is lumber so sawed as materially to tear or loosen the grain or so unevenly sawed as to prevent smooth dressing to standard sizes.

### **Gum Seams**

A gum seam is a well defined split filled with pitch or bark.

### **Shake**

Shake is the separation of the fiber of the wood in layers.

### **Rot**

Shall be classified as hard rot and soft rot. Hard rot is what is commonly known as red rot and is a reddish decay substantially as firm as merchantable lumber.

Soft rot is what is commonly known as honeycomb rot and is a reddish decay of a crumbling character.

### **Sap**

Sap is classified as bright and stained.

Bright sap is that which retains its natural color and shall not be considered a defect in any grade.

Stained sap is that which has been discolored and is permitted unless specially mentioned.

### **Burls**

Burls that do not contain knots or unsound centers shall not be considered defects.

### **Season Checks**

Ordinary season checks, such as may occur in lumber properly covered, shall not be considered as defects.

### **Eastern Spruce**

**Boards**—Spruce 1 inch in thickness shall be graded as clear, No. 1, merchantable, No. 2 and culls. In the following descriptions, a piece 1 x 6, 12 feet long, is being described.

**Clear and No. 1 Spruce**—Clear and No. 1 spruce 1 inch in thickness shall be 6 feet and upwards in length and 3 inches and upwards in width, provided, however, that there shall not more than 5 per cent of 6-foot lengths and 10 per cent of 3-inch widths in any lot.

**Clear**—Clear shall be well manufactured, square butted



and free from all defects, except slight wane and slight stain, both of which will dress off in planing to standard.

**No. 1**—No. 1 shall be well manufactured, square butted, may have slight wane and slight stain and a few small sound knots, equivalent to four pin knots, provided these knots are scattered and provided the board shows clear edges.

**Merchantable Spruce**—Merchantable spruce 1 inch in thickness shall be well manufactured, 8 feet and upwards in length and 4 inches and upwards in width provided that there shall not be more than 10 per cent of 8-foot lengths or 10 per cent of 4-inch widths in any lot.

In addition to the defects permitted in No. 1 grade, it may have wane for one-third of the length of the piece, provided there are three square corners. Some stained sap, if otherwise sound, shall be permissible, but this grade shall be free on both sides from very large, coarse, or loose knots, knot holes, or large worm holes, gum seams, shakes, splits and rot.

**No. 2 Spruce**—No. 2 spruce shall be 6 feet and upwards in length and 4 inches and upwards in width. It shall be well manufactured, but shall permit any one of the following defects: Hard rot on one side, wane for one-third of the length of the piece, provided there are two square corners, gum seam or check extending not more than 2 feet from the end of the stick, large or loose knots, knot holes, worm and grub holes, stain or shake covering one-third of the stick. All boards are to be nailing sound.

**Culls**—All boards falling below above grades shall be classified as culls, but must be sufficiently firm to hold together when properly handled.

#### **Spruce More Than 1 Inch in Thickness**

Spruce over 1 inch in thickness shall be graded as clear, No. 1, merchantable, No. 2 and culls.

**Clear and No. 1**—Clear and No. 1 shall be 8 feet and upwards in length and 3 inches and upwards in width, provided that there shall not be more than 10 per cent of minimum lengths and 15 per cent of minimum widths in any lot. Defects similar to those permitted in clear and No. 1, one inch spruce, are allowable.

**Merchantable**—Merchantable shall be bright, sound,

strong lumber, well manufactured, free from shake or large gum seams that would materially impair its strength and form loose or rotten knots, worm or grub holes, or rot. Wane for one-third the length is permitted, provided there are three square edges. Two by 3-inch, 2x4-inch, 3x4-inch shall be 8 feet and upwards in length. Larger sizes shall be 10 feet and upwards in length. Shorter lengths shall be included in No. 2 grade.

**No. 2**—No. 2 spruce shall be suitable for all ordinary construction purposes without waste. In addition to the defects allowed in merchantable, it may also have sound and light standard knots in 2x3-inch, 2x4-inch and 3x4-inch and proportionately large knots in larger dimensions; spike knots that do not materially weaken the piece; wane, not over one-third the thickness of the piece, nor more than 1½ inches wide on the face up to 6 inches and 1¾ inches wide on the face up to 8 inches or wider, or a proportionate amount for third the length of the piece, or a proportionate amount for a shorter distance on both edges; hard rot covering one-twelfth of the surface on one side; a very small number, not to exceed one in every 2 feet, board measure, of large worm or grub holes.

**Culls**—All spruce falling below the above grades shall be classified as culls, but must be sufficiently firm to hold together when properly handled.

#### **Eastern Hemlock**

Hemlock shall be graded as merchantable, No. 2 and culls.

Merchantable boards shall be 8 feet or more in length, and 5 inches or more in width. Dimension lumber, 2x3-inch, 2x4-inch and 3x4-inch, shall be 8 feet or more in length, and larger sizes shall be 10 feet or more in length.

**Merchantable**—Shall be sound and free from loose knots, wane, splits, rot or shake which would impair its strength.

**No. 2**—Board may have wane, shake, hard rot on one side and splits extending not more than 2 feet from end, but must be nailing sound.

**Culls**—All hemlock lumber below above grades shall be classified as culls.

# What Motor Truck Delivery Has Done For Our Lumber Business

By "Co-operation"

Editor, Canada Lumberman:—

Your recent letter to us asking for information regarding our deliveries came to hand and we will endeavor to answer same to the best of our ability.

Some time ago we were approached by Mr. Blank who represented the "Ibex" truck, and, after a considerable time spent in discussing trucks and their relation to the retail lumber dealer, we purchased the one which he was selling.

Our equipment today consists of three trucks of two and a half tons carrying capacity, fitted with closed cabs and roller bodies, and having stake sides. They are equipped with electric lights and oversize tires, one being on pneumatics, the other two on solid tires. We have found that the one on pneumatic tires is best for delivery to new property and for use in part of our out-of-town delivery where there is considerable sand to be gone through. The other two are used locally for delivery within the town and also out of town, where the roads are more improved. We also unload all our lumber by trucks and keep only one horse for work around the yard and short delivery.

Up to the time Mr. Blank visited us, we had used horses exclusively and were not inclined to discuss the use of trucks, but today we would not go back to delivery by horse-drawn waggons, I will endeavor to explain our attitude for the benefit of some of our fellow-retailers.

Some of the results we have achieved are these:—

Our business, which was previously local, has now become very

nearly as large away from home as we formerly did in our own town, and this can be attributed solely to our use of motor trucks. We would not believe this when first approached by the truck salesman, but are pleased to say now we have been completely converted to motor delivery, because primarily it has increased our business over a hundredfold and at very little more overhead expense, that is what makes us most enthusiastic.

Our appropriation for advertising has been somewhat curtailed because our trucks are now in nearly every village and hamlet within forty miles of us, once each day and our name is constantly being read by people whom we could not reach by means of the local paper. Seeing our trucks on their streets is a greater benefit to us than by putting our advertisement in papers which they read.

#### **How New Business Is Developed**

Each driver is bonused for new business he obtains away from home and also for any direct repeat trade he secures when delivering his load, so that we really have a force of salesmen out working for us every day in the year.

As a direct result of truck delivery we have added to our mill three times since purchasing our first truck, and that alone shows us that we have increased our business as the local turnover was never great enough to tax our plant to its capacity, so you can see that we must be really glad to have been shown what trucks would do for us here in a small town.

Regarding your questions for some of the reasons we used against buying trucks, I can only say this that we were doubtful



of the returns to be gained through delivering by truck, and as we had always used horses, we could not see why we should change.

I believe that we spent a great many hours in really trying not to see what good a truck would do us. We were not doing our figuring correctly, because we had no idea as to what we could do with a truck, and only based our figures on local work, but to-day we are basing our operating costs on a mileage five times as great as when we were discussing the proposition with Mr. Blank, so that we were wrong when we argued with him that our delivery would be too short to use trucks. Also due to ignorance, we were in error again when we tried to figure out the cost of running the truck because we had only our previous experience with horses to guide us.

#### Glad Did Not Cancel Order

To tell the truth, we were afraid to take the chance and invest the necessary money to purchase a truck. How we did it or why, I do not know but Mr. Blank had so much persistence and seemed to know exactly what he was talking about, that finally we decided to give him an order for the truck. To tell the truth, we came near cancelling our order before we got delivery, but we are sure glad to-day that we did not as that first step has meant to us an increase in time, I can now spend a few hours at the bowling green and away from home; and it has also meant many things for my family that I know could not have come if we had not used trucks to deliver our lumber. Their use has increased our business and enabled us to have more leisure than could have been possible as we were working before.

We have speeded up our entire plant, due to more rapid delivery of the finished goods, and it seems as if the men have gotten a new idea of time and instead of being ahead of the delivery as before, they are kept busy endeavoring to keep up with the pace which our delivery system sets, so that all through, we are benefiting by using trucks.

When we unload cars of rough lumber from the station we use a trailer, which we made ourselves and have not yet paid a cent to the railroad company for demurrage. We used to be paying then on nearly every car which came in because we could not unload lumber and make delivery at the same time.

I will give you a few items of cost delivery as taken from recent statements, and hope they are of interest to some of your readers. In order to make them more clearly understood, I will put them on a chart form which we use here, and which, while designed at home, serves to give us at a glance all the data which is required to know what it costs us to operate our trucks.

We are very pleased to be of any slight aid to you and can say again that we are glad we operate trucks to deliver our lumber. We are doing a greater business now than before and feel that we could not have achieved this were we not using trucks.

#### Daily Report from Each Driver

We might say that each driver makes out a daily report covering the gasoline and oil he uses and our own yard foreman furnishes the repair items, so that we have very little added clerical work in keeping these costs. Our mileage is correct as we have an odometer attached to each truck. You will understand that the totals of mileage, etc., are only obtained at the end of each period which, with us, is the current month.

The figures I am giving you are for the past year on the first truck we purchased and are very favorable when compared with the report of the previous year covering the same truck.

From this chart you will see that we are taking care of depreciation of our truck over a fair life and also allowing ourselves a fair rate of interest based on a six-year life figured from this formula.

$$\frac{A \times 1}{A} \times \frac{R \times C}{2}$$

where A is the number of years of life

$$\frac{A}{A} \times \frac{2}{2}$$

estimated and R is rate of interest and C amount of investment.

We use this chart for each month's recapitulation and also at the end of the year, and can easily fill in the totals from daily reports turned in by the drivers.

We do not put a helper on each truck except when unloading from the cars or in cases of extreme necessity.

Again let us say that we are satisfied with the performance of our truck and would be only too glad to assist any of your readers who would care to go over our charts and enquire more closely into our operating costs.

Yours sincerely,  
Co-operation.

#### Delivery Costs Truck No. 1—Solid Tires

1. Total Investment .....	\$ 3,750.00
2. Tire Cost .....	300.00
3. Investment less tires (amount to be depreciated) .....	3,450.00

#### Overhead Expense

4. Interest on Total Investment over 6 years at 7% .....	153.13
--	--------

5. License .....	37.00
6. Insurance .....	250.00
7. Garage .....	100.00
8. Total overhead for year .....	540.13
<b>Running Expense</b>	
9. Miles operated for year .....	33,509
10. Days operated for year .....	274
11. Miles operated for day .....	122
12. Total Running Expenses for Year .....	\$ 3,739.81
13. Repairs and Maintenance .....	per mile .02
14. Gasoline and Oil .....	per mile .041
15. Tires allowing \$300.00 for 10,000 miles of life .....	per mile .03
16. Depreciation .....	per mile .017
17. Total Running Expense .....	per mile .108

#### Payroll Expense

18. Driver's wages for year .....	\$ 1,560.00
19. Helper's wages for year .....	700.00
20. Total payroll expense for year .....	2,260.00
21. Driver's and Helper's Wages .....	per day 8.25
22. Total operating cost for year. Items 8, 12, 20 .....	6,539.94
23. Total operating cost per day, 22 divided by 10 .....	23.87
24. Total operating cost per mile, 22 divided by 9 .....	.195

### Newsy Paragraphs of Great Industry

W. F. Beck, of the C. Beck Mfg. Co., Penetanguishene, Ont. and Mrs. Beck are spending a few weeks in Florida.

K. M. Brown, sales manager of the A. E. Gordon Lumber Co., Toronto, who was laid up for several days with illness, is able to be around again.

J. O. Oliver, of the Oliver Lumber Co., Toronto, and Mrs. Oliver, who have been spending the past few weeks at Miami, Florida, have returned home.

The A. E. Gordon Lumber Co., Limited, of Toronto, have bought the entire output of G. Mason & Company's plant at Midland, Ont., for the coming season. The cut will be about 16,000,000 feet.

Donald A. Clark, timber contractor of Port Arthur, Ont., recently purchased from a firm in Montreal 10 square miles of exportable spruce timber suitable for pulpwood. The location is in the vicinity of Nipigon.

A. N. Dudley, wholesale lumber dealer, of Toronto, and Mrs. Dudley, have returned from spending a delightful holiday at Summerville, S.C., where he managed to get in some good practice at golf. His friends believe that he will have no difficulty in capturing the Laidlaw cup again this year in the Wholesale Lumbermen's Association tournament.

Notice has been given that at the coming session of the New Brunswick Legislature a bill will be introduced to revive and continue the act passed in 1920 incorporating the Fraser Paper Company, Limited, under which rights and privileges in connection with proposed mills and development upon the Tobique River were given.

Many citizens of Omemee, Ont., are not aware that the village is to have in future an up-to-date wood yard. Last year the John Carew Lumber Co. purchased a large quantity of timber from George Brown and after clearing off the largest timber, there was much valuable wood left behind which Alf. Lloyd and Victor Mitchell secured and cut into cord wood.

In the Sherbrooke district, Que., considerable activity is reported in the lumber and pulpwood arena and as a result prices for various grades of lumber have advanced considerably. Indications also point to a heavy demand in pulpwood this spring and the stocks of American mills are said to be pretty well exhausted. Prices are now being offered by American buyers in the vicinity of Sherbrooke, ranging from \$12 to \$13.50 per cord.

After putting up with the refusal of the Doukhobors for years past to obey orders to employ licensed scalers at their lumber mills in the district, the forestry department at Nelson, N.B., seized two cars of lumber from the Crescent Valley mill belonging to the Christian Community of Universal Brotherhood, and also quantities of poles. The case will be fought out in court.

It is reported that Sir William Price, of Quebec, is interested in a big paper mill which will be erected by the McArthur interests at Fort Alexander this summer. A recent despatch from Winnipeg says that the private bills committee of the Manitoba Legislature had under consideration a bill to incorporate the Fort Alexander Railway which will run from a point on the Grand Beach line of the C.N.R. to the site of the works on the Fort Alexander reserve. The bill was ordered reported with a few minor amendments. The estimated cost of the road is \$15,000 per mile. The financing of the whole enterprise comprises a million and a half dollars in bonds and two and a half million dollars in preferred stock. There are from three to four million cords of pulpwood on various limits leased by the company which for financing purposes are valued at a million dollars.



# Selling the Great Heritage of our Children for Mere Mess of Pottage

By Fred. Brown, Fort Frances, Ont.



Fred. Brown, Fort Frances, Ont.

On the financial and market pages of some of our leading Canadian papers appear the half yearly returns of exports of pulpwood. For the first 6 months of 1922 Canada exported 506,012 cords of pulpwood, valued at \$5,229,901, or an average return of \$10.33 per cord. For the corresponding period of 1921 the figures are 421,388 cords, valued at \$5,546,785 or \$13.00 per cord. During the first 6 months of 1922 we exported 84,624 cords of pulpwood over the amount exported during the corresponding period of 1921. Surely a wonderful achievement, considering that one cord of pulpwood, manufactured into paper, brings according to quality from \$50 to \$75 per cord. We have deliberately deprived the people of Eastern Canada in the first 6

months of 1922 of something like from \$25,300,600 to \$37,950,900. If this amount of money had been put into circulation in Canada, it would have affected a good many wage earners; it would have affected our publicly owned railroads; it would have affected business in general, retail, wholesale and manufacturing; it would have been an effective boost towards continuous prosperity. And what did we get in return for our 506,012 cords of pulpwood, besides the pottage of \$5,229,901.00? We have acquired, to be sure, about 126,000 acres of stumps, a lot of tops and branches, an extremely fertile ground for fires and one of the best breeding places for injurious insects.

We are having the best chances, under present prevailing conditions, to stand a further loss within the next 30 years, on these very same 126,000 acres, of at least thirty million dollars in potential timber values destroyed by fires.

## Viewing Grave Problem With Apathy

The second growth, as well as any further efforts of Mother Nature to reforest these 126,000 acres will fall a victim to the red demon unless present conditions are changed for the better at a very short notice; not to mention the burning out of the fertility and virility of the soil. Surely our export business in pulpwood is a big paying proposition—for the importer only; and a curse for Canada. It is just as stupid and criminal, as is our indifference to the fires, which the owners of the forests, the people of Canada, view with very much apathy. The people of Canada own about 80% of the present timber supply; how much longer will the people stand for such exploitation of its best inheritance?

Deny whosoever has the cheek to deny it, in order to obtain five million dollars, we are giving the buyer a premium of from twenty to thirty million dollars. No farmer, no peddler of shoe-strings, no commercial house of any kind would follow a policy so foolish, so criminal, so wasteful, and yet some of our leading Canadian dailies point with pride to the fact that we have exported in the first six months of 1922 over 84,000 cords of pulpwood more than in the corresponding period of 1921 and for these 84,000 cords we received \$316,000. To put it in another way; We had to give the buyer a premium of 84,000 cords or we denuded 21,000 acres of forest, to make the price received for the first 6 months of 1922 correspond with prices obtained in 1921.

## Favors Export Tax on Pulpwood

These conditions must be changed and changed in the immediate future. I can point to one way only and that is to ask your servant, your representative in the Provincial House as well as in the Dominion House to support any measure that puts an export tax on pulpwood, regardless of original ownership; and if he fails to accede to your wishes, remember him, when he comes around in the course of time to shake you by the hand.

And how about the farmer? Does the farmer know, and does he realize that he is the heaviest consumer of wood and wood products (lumber, lath, shingles, fenceposts, corncribs, etc.) Does he

realize that in the same ratio as the lumber supply and pulpwood decrease in the Republic to the south of us, the stumpage value of timber and pulpwood increases in Canada? Does he realize that every dollar increase in stumpage means an increase in logging operations, in milling, in marketing and finally this increase all along the line is passed up to him as the heaviest consumer of wood. Furthermore, does he realize that in the not too far distance of time he will have to pay for inferior lumber as much as he is paying to-day for clears and finish and uppers?

Does he realize that by creating 126,000 acres of fire menace and dormant destruction in six months time, he lays up for himself as well as for the whole populace, his children and everybody else's children and grandchildren the seed of untold misery in the form of disaster, barren lands, too poor to harbour a coyote; in the forms of droughty dry seasons (a continuous fear of some reckless, brainless fool setting the country afire), in the form of floods, destruction and desolation, and on the slopes of mountains and in valleys, he gets in the bargain snow avalanches and snowslides, destructive to human life, to livestock, to habitations and to fertile fields.

## The Sad Plight of Michigan

Furthermore, do the farmers realize that with the green forests gone from the close vicinity of their farms, the chances of keeping the sons at home and on the farms are constantly decreasing. Take the State of Michigan, for an example, from 1870 to 1900, Michigan has had the lead in quantity, quality and value of timber exports. During these 30 years of seemingly lasting prosperity the cry of unlimited timber resources resounded, mostly all of Michigan's homes were built out of Michigan's cheap lumber, then on the market. To-day conditions have changed. The Hardwood Manufacturers Association sent out a circular not so very long ago asking for information as to how to go about to keep the bush worker in the State, inquiring what had become of the older, more experienced ones, and wondering why it is that the bush workers do not settle down. The reason is not far to seek. The lumberjack has migrated with the mills to the Pacific Coast, where housebuilding is cheap, where stands of timber give him an assurance of employment the whole year round and where he can get his wood and lumber at a reasonable price. To-day Michigan does not even supply its own need of telephone posts, of fence posts and railroad ties. A lot of the paper on which the daily news is printed is manufactured from Canadian spruce.

It is manufactured from Canadian Spruce, to be sure and it is not imported from Canada. Oh no! Michigan's freight bill on lumber imported from the Pacific Coast States is over 2,000,000 dollars a year. What will Eastern Canada's freight bill be, when the lumber comes from the far north and from the Pacific coast? And if that supply fails and begins to peter out in the next 10 year or so, then we might import a little lumber from Russia and by so doing we might stabilize the rubble. We might import some lumber from South America, but stop to think; sometimes nations do fall out amongst themselves and quarrel and fight, like families and members of a family. By all observations gained from the late war it is no easy matter to import lumber and timber during wartime, as the other fellow may want that particular cargo a blamed sight worse than we do.

## Why Not Put Land Back in Pine

Have the farmers of Canada ever stopped to think that pine land is not exactly the richest land, as pines follow sand as sure as cedar follows swamps. After a half dozen successive plowings and cultivating and cropping to cereals, the sand begins to shift, how it flies and settles, in mounds, in ridges and in every geometrical figure. What is level to-day is a ridge tomorrow or a mound; in dry springs, seed gets blown out, one family quits, another family is optimistic or foolhardy enough to try and get the worst of the fight, the second family get broke, stone broke, and low and behold one fine day somebody realizes that it is a big job, a tremendous job to anchor down that quarter or half, or section, or township or perhaps quarter or more of a county? Why not put it back into pine in the first place? Why waste time and money on it? Surely we do not need a soil survey or a chemist to find out whether pine will grow, where they have grown once before?

No amount of urgency can hasten, no amount of money can shorten the time that is required to grow a saw log or a pulpwood log. The average sawlog of to-day is about 250, and the average



spruce for pulpwood is about 100 years old. It is up to the forester to match species to the right soil and by helping here and there we can get along in a pinch, a pinch that is coming as surely as day follows night and sunshine follows rain, with sawlogs 100 years old or less and with pulpwood that is from 30 to 50 years old.

#### Raising Timber or Giving Premiums

Having most of the facts before us for some time, it remains only to decide whether we want to start raising timber, or whether we want to keep giving premiums with our export pulpwood, or whether it is better policy to turn this country into a barren, desolate, uninhabitable spot of God's once wonderful creation, an everlasting accuser of man's stupidity and cupidity, an everlasting accuser of the inefficiency of Governments, and everlasting repetition of the Biblical parable of Esau trading his birthright for a mess of pottage.

#### Conditions in New Brunswick Are Good

A representative New Brunswick lumberman, in reviewing conditions generally in that province, in a recent letter to the "Canada Lumberman," says:— Of course, you understand there was very little done in the winter of 1921-22, therefore, the 1922-23 operations must be considerably increased. I would judge that the total cut of lumber in the province will be 60% more than 1921-22 cut, but you must bear in mind that there was a large quantity of logs carried over in the year 1921-22 to be sawn up whereas, very few logs were carried over last fall, the parties sawing and realizing. With this fact in mind, I would say that the general increase in the woods operations this year is about 60% greater in the province, but there would not be over 35% of an increase on the Miramichi and the northern section. The Bathurst Company, Limited, is drawing a large portion of its requirements from Quebec.

The cut this year has been increased to some extent by the desire to get as much bud worm killed stock cut as possible and a supreme effort is being made in this direction to cut it before it is attacked by the borer.

The English market does not look as encouraging as it did five or six weeks ago; in fact, we have considerable apprehension as to the benefit this market will be to us in the coming season.

The American market, however, appears strong for anything that is now ready for shipping or will be ready between now and the first of July, but very few American firms are willing to speculate after that date.

The cost of production in New Brunswick was increased owing to the very heavy snow storms. These also had an effect of cutting off the production as in some portions of the province, particularly in Kent and Westmorland, the parties had to withdraw from the woods early in the season. There seems to be sufficient men to carry on the work that is contemplated but no excess.

There has been no reduction in the past year in the cost of provisions; in fact, there might be said to be a slight increase.

The car shortage has very much interfered with shipments in New Brunswick. Ocean Freights are still too high; 65 shillings being asked to the British market. This should not exceed 50 shillings to make it possible for trans-atlantic shipments.

The car shortage is still existing and is most detrimental to business. The blame is put on the American roads but we think the Canadian roads should make provision to supply cars in the interests of trade shipping at the present time would bring back a great deal of money to the Canadian lumbermen.

#### How New Brunswick's Timber Decreases

That New Brunswick's timber supply during the past five years has been reduced by means of the axe, fire and budworm five times as fast as it is being grown, was one of the arresting statements made recently at the Rotary Club Luncheon in Fredericton, N. B., by Chief Forester G. H. Prince, of the Department of Lands and Mines. Mr. Prince stated that the total estimate of dead lumber resulting from the depredations of the spruce budworm has been placed at between eight and nine billion feet. In 1921 the statistics referred to showed 121,000 cords of wood had been manufactured by New Brunswick's pulp mills, while the amount exported in an unmanufactured state was 213,000 cords.

#### Demand for Canadian Spruce Abroad

We do not appear to have made much progress during the past two weeks in forward buying of spruce, and it would seem that the most probable cause of this hesitancy on the part of buyers is the very unsettled political situation in Europe, says the "Timber Trades Journal," of London. In the first place, France, Italy and

many other countries are not able to absorb the goods we were formerly accustomed to sell in that direction, and this tends to reduce very considerably the activities of the case trade. India, too, has not yet resumed buying cotton goods, and Lancashire suffers accordingly.

These results are partly because of exchange depreciation, and also owing to the general lowering of the standard of living.

In spite of the fact that cotton goods are beginning to find a market again, there is still a tremendous leeway to make up before anything approaching full time can be expected at the mills. Reports from woollen centres are more favorable, and there is a marked improvement in iron and steel, shipbuilding and railroad requirements.

The probability of a successful termination to the Turkish problem is another factor that should help to restore the confidence and security which is essential to the building up of stable business. Under these conditions we are surely justified in maintaining that the prospects for next season are brighter than last.

While considerable use is made of spruce on the West Coast of England and in Ireland for building purposes, there is not much outlet on the East Coast, and this is a matter of considerable surprise to our Canadian friends, who, living in a climate that contains many varieties and extremes, find their native spruce quite suitable for the job. Indeed, many examples can be found, in the smaller towns, of wooden houses, fifty to a hundred years old, and still occupied.

The usual practice is to use a concrete foundation and build the frame on that, so that the spruce does not come in contact with the ground.

Although the quantity of timber used in the construction of a house in this country is comparatively small, we cannot afford to overlook any opportunity to economise.

Knowing, as we do, that Canadian spruce is used in other parts of this country for building purposes, and that there are no official restrictions against its use in the London district, it surely is at least deserving of a fair trial.

Comparisons should only be made with the clean, sound, well-manufactured productions of the best Canadian mills, instead of recalling the very poor Government stocks that were left lying around in Eastern Canada, and afterwards in this country, for years.

Railway wagon stock is another direction where spruce, by reason of its toughness, can be used profitably.

Sales from stock just now are steady, but not large, and prices are less than the cost of replacement.

Pine is selling slowly, but the stock is decidedly low, and there is the prospect of fresh stocks at slightly lower prices.

#### Brokers Selling Below Producing Costs

One firm from the Cobalt district in Northern Ontario says:— "We increased our cut last year by about 25% and profits were better than the year before. Our stock is smaller than it was twelve months ago and our log output this winter will be considerably ahead of last season. The cost of production with us is about the same. The market price for lumber is up from \$2 to \$4, and Toronto brokers have been selling below cost of production."



James Ludgate of the Schroeder Mills & Timber Co., Pakesley, Ont., snapped on a recent visit to one of the company's camps after a big snow storm.



# What the Lumber Trade is Doing in Canada

J. P. Abel-Fortin, Limited, Montreal have obtained the contract for all the interior trim and doors for the new Notre Dame Hospital, Montreal.

James A. Stewart, Limited, Port Arthur, Ont., is a new company recently formed to engage in the manufacturing and marketing of pulpwood, ties and lumber. Capital \$100,000.

Elisee Masse, St. Hubert, P. Q., will start work shortly on the erection of a sawmill.

D. A. Downey & Co., of Drayton, Ont., are well-known builders and contractors and have been in the business for the last thirty years. They recently purchased the planing and sawmill of S. P. Treleaven, of Drayton, and are now in a position to manufacture everything required for building or construction purposes. Downey & Co. are also conducting a live retail lumber yard in Drayton.

W. P. Clark, of Moorefield, Ont., who is well-known in that vicinity, has recently started a lumber business. He also operates a coal yard, and to round out his activities, is proprietor of a drug store.

George McAllister & Sons, Limited, of Guelph, Ont., who are manufacturers of slack cooperage stock and lumber, had their sawmill at Bloomingdale, Ont., wiped out by fire recently. The loss to the firm was about \$10,000, which was almost half covered by insurance. The company are rebuilding the mill and expect to be running again in about four weeks.

The New York State College of Forestry at Syracuse University announces a Short Course in Dry Kiln Engineering to be given for the benefit of members of the lumber manufacturing industry. The course will begin March 27th and last until April 6th, inclusive.

It is understood that the Dryden Paper Co., of Dryden, Ont., hopes to have an additional power plant and paper-making equipment in the near future when the concern will be in a position to improve its earning power considerably. 1922 was a fair year with the company, particularly the latter half but during the first few months the market for sulphate pulp, which is the chief product of the organization, was very dull, Scandinavian pulp having been competing in the United States market.

William Bowman, formerly foreman of the woodworking department of Orillia Carriage Works, has started manufacturing truck and auto bodies in Galt. The new enterprise has secured sufficient orders to keep it busy for some time in the plant at the corner of Colburne and Water Sts.

The planing mill of Stuart Bros., Hyde Park and Aberdeen Ave., Hamilton, was destroyed by fire recently causing an estimated damage to building and contents of \$15,000. The owners expect to rebuild at a convenient date.

The Imperial Forestry Conference which will meet in Canada at the end of July next for six weeks of conference and investigation of Canada's forest conditions, will introduce to this country many of the most successful conservators and forestry leaders of the British Empire, including Lord Lovat, Chairman of the British Forestry Commission, who made a great record as head of the forestry operations in France during the Great War.

An interesting address was recently delivered before the St. Mary's Club in the Knights of Columbus Hall, Owen Sound, by James E. Keenan, of Keenan Bros., Limited. Mr. Keenan's talk was most instructive and he advised the boys strongly to set a high standard of living and to prepare themselves for the duties that good citizenship involves.

J. A. Gregory's sawmill at Old Fort, West St. John, N. B., was completely destroyed by fire recently. It is thought that the blaze started in a motor which furnished power for the mill. A short circuit is supposed to have been the cause. The replacement value of the mill is estimated at \$12,000 and the building and contents were only partially covered by insurance. There was considerable lumber piled near the structure but the damage to this was not heavy. Mr. Gregory announces that the plant will be replaced as speedily as possible.

A bill has been introduced in the Ontario Legislature by Hon. Beniah Bowman, Minister of Lands and Forests, to amend the Reforestation Act of 1921. The amendment says that the Minister may, on behalf of the Crown, without the consent of the owner thereof, enter upon, take and expropriate any land in Ontario which the Minister may deem necessary for reforestation purposes, and may lease, sell or otherwise dispose of the interests of the province in any land thus leased, purchased or expropriated or the timber thereon.

David Curtin, who died recently in Peterboro, had been in the lumbering business all his life, being woods manager for the Alfred McDonald Lumber Co., for the last eighteen years. The late Mr. Curtin was a respected and trustworthy employee and a man of strong personality. He is survived by his wife, five sons and two daughters. He was born in Ennismore Township sixty-nine years ago.

L. L. Brown, of Toronto, B. C. Lumber Commissioner for Eastern Canada, and L. W. Walker, eastern representative of the Forest Products Market Extension Bureau of British Columbia, spent a few days recently in New York on business.

Jenings & Baily, who operate at Baptiste, in Hastings County, Ont., state they are taking out 2,000,000 feet of logs this season consisting of pine, hemlock, spruce and hardwoods. The firm add that "it has been a real winter for logging in their locality with just enough snow for hauling. The outlook in the lumber business seems to be more promising than it has been for some time and there is apparently a good demand for the better grades of hardwood." Many inquiries have been received from the United States, while information in regard to dry softwood is also much sought after. About thirty per cent more logs will be taken out in and around Baptiste this season than a year ago, with wages 15 to 20% higher.

## Rules for Piling Lumber for Air Seasoning To Avoid Deterioration

### 1. Foundations

(a) The foundations should be strong and durable.

(b) The top of each foundation should be level; and from front to back the top surface of the parallel skids should be in alignment, so that the lumber to be piled will bear equally upon each one.

(c) The first skid should be raised above the second and the second above the third to allow a slant to the stack of one inch to every foot.

(d) The skids, preferably 2 by 4-in., should be spaced not over four feet apart, except for heavy planks and timbers.

(e) The foundations should be of sufficient height to provide space for free circulation of air under all parts of the pile.

### 2. Lumber

(a) Boards of equal length should, preferably, be piled together.

(b) The ends of the boards should rest upon the front and rear skids.

(c) A space approximately  $\frac{3}{4}$ -in. should be left between boards in the same layer when piling 1-in.,  $1\frac{1}{4}$ -in., and  $1\frac{1}{2}$ -in. lumber; 2-in. for 2-in. and  $2\frac{1}{2}$ -in. lumber; and 3-in. for material 3-in. and up.

(d) Lumber piled in the open should have the front ends of boards in each layer slightly protruding beyond the end of the layer beneath in order to provide a forward pitch to the stack of 1-in. to each foot in height.

### 3. Stickers

(a) Stickers should be surfaced two sides and should be 2-in. wide, of uniform thickness, preferably  $\frac{1}{8}$ -in. for 1-in. lumber and  $1\frac{1}{2}$ -in. lumber. Their length should be a few inches in excess of the width of the pile.

(b) Stickers should be placed upon the layer of boards immediately over the skids and kept in alignment parallel to the front of the pile.

(c) The front and rear stickers should be flush with, or protrude beyond, the ends of the boards.

### 4. Roof Protection

Cover boards, as a roof protection, should be laid on the top of the pile, extending a few inches beyond the front and rear of the stack.

### 5. Spacing Stacks

Space between the piles should not be less than two feet and increased to four or five feet if yardage conditions allow.

### 6. Dimensions of Stack

The customary width of the stacks is from four to eight feet. The height is governed by the size and the character of the lumber and the methods of moving it.

### 7. Treated Ends

Lumber  $2\frac{1}{2}$ -in. thick or over, unless of the lower grades, should have the ends treated with a brush treatment of paint or some liquid filler.

### 8. Ground Cover

The ground occupied by lumber piles should be covered to a depth of at least 4-in. with cinders (not ashes).



# What Greater Use of Aircraft Means in Forest Survey Work, Fire Protection and Steady Development of National Activities

\*By J. A. Wilson, Ottawa  
Secretary of Air Board

I should like to pay my tribute to the great part that the lumber industry has played in the development of aviation in this country. It is not too much to say that without the encouragement and practical support we have received from the industry throughout the country, Civil Aviation could have made little progress during the past three years. This is not only true of the Government service, but it is also true, perhaps in a greater degree, of the steadily growing commercial field for aviation. The success of commercial aviation in this country will continue to be dependent in a large measure on the support given it by lumbermen for some years.

In European countries and the United States, Commercial Aviation is endeavoring to develop mail, express and passenger services. In this country no effort has been made along these lines. It is felt that until success is achieved, in countries where the population is more dense, the need of such services more urgent and the climatic and natural conditions easier, such services in this country can wait.

We are fortunate, however, in having a great field for aviation in the remoter parts of the country where communications are now slow, uncertain and laborious, and travel is conducted by canoe and pack pony, or dog train in winter time. No attempt has, therefore, been made in Canada to compete with the steamship, train or motor car. Almost the whole effort, and certainly the soundest part of it, has been to develop aerial transportation, for purposes where more efficient transportation methods are an urgent need.

Until the time of the Armistice, aircraft were considered almost wholly from their military usefulness and even today many people consider them just as they would tanks, guns or torpedoes. Those who had watched development of aviation during the war and who were interested in the opening up of the vast areas in Canada beyond the railway belt, recognized the importance of the new form of transportation. They realized the great part aircraft could play in the hastening of this development. Fortunately, throughout almost all this area, travel by water is possible. It is a region of lakes and rivers. This makes the use of the flying boat possible and does away with the great bug-bear of providing landing grounds throughout the territory to be flown over. If this were not so, it would be practically impossible to contemplate the use of aircraft over much of our territory, as the cost of levelling and preparing landing grounds would be prohibitive.

Foresters quickly realized the importance of aircraft in their operation and the assistance they could lend in controlling forces working over widely scattered areas, where communications were imperfect and slow. They perceived their value as an instrument for increasing the efficiency of their fire fighting forces and as a method of observation impossible to improve on.

## The Inception of the Service

The credit of undertaking the first experiment in this work lies with the Laurentide Pulp and Paper Company and with Mr. Ellwood Wilson, Chief Forester, to whose initiative and energy aviation owes much. The Provincial Government of Quebec also shares in this credit. Recognizing its great possibilities, they supported the experiment with a substantial grant which made its execution feasible. Hon. C. C. Ballantyne then Minister of the Naval Service, and his Deputy Minister, Mr. Desbarats, in authorizing the loan of machines to carry out the experiment, never made a wiser decision, nor, I am sure, one on which they may look back on with greater satisfaction.

During the summer and fall of 1919, two machines were operated from Grand'Mere and the results obtained showed clearly the possibilities and encouraged those responsible for the experiment to make greater efforts during the following year. It also encouraged the Air Board, formed during that year, to set up similar units in 1920 to undertake forest fire prevention patrols and the exploration of the forest resources in the reserves under control of the Dominion Government. It also showed the way to other commercial firms starting such services.

In 1920, the Government authorized the Air Board to undertake flying operations and voted funds for the erection of stations in British Columbia, Alberta and the Province of Quebec. The results obtained in 1920 were most encouraging. In 1921 the service was

further extended by the addition of units in Manitoba and Northern Ontario. The work in Quebec and Ontario was undertaken on repayment for the Provincial Governments. This was not for the primary purpose of fire prevention, but rather for forestry survey and exploration work in regions of which little was known, but which were becoming rapidly important from a commercial point of view and regarding which definite information was required in order that the areas might be proved before they were thrown open to operations.

At all stations except Camp Borden forestry work of one kind or another is the main basis of our work and, though many other subsidiary operations have been undertaken with varying success, yet it is not too much to say that on our usefulness to the forestry service depends our success.

## Wherein Its Usefulness Lies

In the mobility of aircraft lies its usefulness to the forester and lumberman. Journeys which took days and sometimes weeks by the old methods of travel can now be done with ease, safety and comfort in an hour or two. It enables those responsible for the supervision of operations in the woods to oversee personally the work. The chief fire ranger can in time of emergency reach the scene of an outbreak within an hour or two of its being reported and can see for himself the situation and organize his forces to meet it to the best advantage. The manager of the logging operations can visit logging camps in a day and see for himself the work under way and in a few hours the superintendent of the drives on the rivers can watch the progress and follow the drive over hundreds of miles of stream. In a few hours fire fighting equipment and parties can be transferred from point to point as required, with speed and certainty. Fire fighting parties can be maintained, fed and provisioned, and daily reports on the progress of their work forwarded to Headquarters. All this changes completely the conditions of these operations and can be made to increase their efficiency tremendously by enabling closer supervision to be exercised.

There is no intention on my part to maintain that flying will



A comprehensive view of virgin forest in France, taken by a Canadian soldier, and showing some of the tallest monarchs in that country

\*Address delivered recently before the C.L.A. convention in Montreal.



supercede any essential ground work now undertaken in the woods. Fire fighting must be done on the ground, but everyone will recognize the importance of early information on the outbreak of fire. An aerial patrol gives you this and enables you to put your force to work in the danger area with a speed and certainty that cannot be obtained any other way. In new territory of which the maps are imperfect or perhaps non-existent, information can be obtained by survey from the air, by sketching, supplemented by photography, which it would take months, if not years, to obtain on the ground. The same way in timber cruising, the general situation can be seen at a glance from the air. The barrens and burned areas can be determined and the attention of the ground cruisers can thus be devoted entirely to the profitable areas.

Sufficient progress has been made in the development of aerial photography to enable forest types to be clearly distinguished and preliminary cruising work, at least, may be done from the air with very much greater speed and with not less satisfactory results than from the ground.

#### Cost of Aerial Fire Patrol

As to costs, air transportation is a new development. During the war economy was no object and performance had to be achieved at any cost. The economical operation of aircraft was not studied to any extent before the Armistice. Since then very remarkable results have been achieved and the useful load per H.P. has been increased by at least 50 per cent, and in some cases, more than that. Constant research is being carried out to obtain greater efficiency from the new machines. Given a good load factor, men and material may be transferred at a speed of from sixty to eighty miles per hour, at a cost of about \$1.00 a ton per mile. An efficient fire patrol service can be maintained, given a suitable area, at about \$3.00 per square mile. These are conservative figures based on the experience of three years operations by the Air Board and by commercial companies.

As to safety, every aeroplane accident that occurs is featured in the newspapers. It has good news value. The useful everyday work of air transportation has none and very little space is given to it. This results in false impression as to the safety of air operations. The United States Air Mail covered in 1922 nearly two million miles and conveyed fifty million letters along the route between New York and San Francisco, with an efficiency of 94 per cent of trips completed, without a single fatal accident during the past year. On the European passenger and mail routes very similar conditions obtain. Services are carried out with clock work regularity. Machines cross the channel in weather when the steamers cannot leave port. Fog is the greatest difficulty and that is being overcome by the use of Directional Finding Wireless. The constantly growing traffic shows that the new form of transportation is gaining, slowly but surely, in the confidence of the public. This is natural. In fine weather no one who has travelled by air over this country would ever wish to travel by train, steamer or motor car. The smoothness, speed, the fascination of the constantly changing view, make travel by air most attractive. The only bug-bear is the noise and efforts are now being made to lessen this drawback and to silence aeroplane engines more effectively.

#### Makes the Careless Camper Think

There is one further point which is of importance, that is, the moral effect of an aerial patrol on settlers and those travelling in the bush. From every source we have repeatedly been told that the mere presence of aircraft flying over a district brings home daily in a direct way the risks of fire and makes such people doubly careful. Supervision from the air makes the careless camper or settler feel he is being watched continually and his guilty conscience pricks him to advantage. The actual fire risk is indubitably less in a patrolled area.

1922 was really the first season in which operations on a really commercial basis were undertaken. The work in 1920 and 1921 was largely experimental, but in 1922 enough had been learned to put the operations, both by commercial firms and by the Air Board, on a sound, practical basis. In Eastern Canada the services of the Laurentide Aerial Services, Ltd., Price Bros., and the Dayton Wright Company for the Spanish River Pulp and Paper Company have a record of useful work which is probably unequalled and certainly unsurpassed anywhere in the world. The approximate mileage flown by these companies is 70,000, the area covered by fire patrols approximately 25,000 square miles and the area surveyed from the air, by sketching or photography, about 20,000 square miles. This is a record of which the infant industry may well be proud. It shows clearly the success of practical operations of this kind and gives promise of great development in the future. The pioneer work of these firms is bringing its own reward and inquiries are being received every day from numerous sources regarding the possibilities of extending this work into new districts.

The Air Force has not been idle. It has carried out much work for the Provincial Governments of Ontario and Quebec on a repayment basis. For the former, daily fire patrols during the season of hazard over about 12,000 square miles south of the Ottawa River, Lake Nipissing and the French River, and for the Quebec Government, forest survey, mapping and type sketching from Roberval in the areas lying north and west of Lake St. John, and along the Natashquan and St. Margaret's Rivers on the north shore of the Gulf of St. Lawrence.

#### Work Carried Out By Air Force

From Vancouver Station 177 hours flying have been done for forestry work of different kinds, including transportation of parties investigating the white pine blister rust situation, forest fire patrols for the Provincial Government, the carriage of men and equipment to the scene of fires in inaccessible districts, reconnaissance of the damage done by fires and other similar work.

At High River, a total of 907 hours flying was carried out for the forestry branch. A great portion of this was the daily fire patrol system in the forest reserves on the eastern slopes of the Rocky Mountains. The extension of these patrols to the forest areas in the National Park is now under consideration.

In Manitoba 308 hours flying was carried out for the forest service from the main base at Victoria Beach on the south end of Lake Winnipeg and from sub-bases at Norway House at the north end and Le Pas on the Saskatchewan River.

Out of a total of 2,622 hours flying on all civil government operations, about 2,000 hours or 75 per cent was for forestry purposes. The remainder consisted of operations for aerial photography, the transportation of survey parties of reconnaissance of unknown and inaccessible districts prior to their survey, patrols for the prevention of drug smuggling and other similar transportation work.

The operations next in importance to the forestry work are those of the survey services. These also are of value to your Association, which is directly interested in having reliable maps of the districts in which they operate. The mapping of a country such as Canada is an immense task and if, by the use of aircraft, this task can be assisted and the work extended, the members of your Association will benefit together with the rest of the country. Most interesting work is now being undertaken by the survey services for the development of methods of aerial photography, which will enable pictures taken from the air to be used for mapping purposes. Important progress has already been made. It shows that areas of which the maps are at present incomplete and in some cases practically non-existent may be surveyed to much better purpose, with surer results and with a great saving of time by the assistance of aerial photography. It is not too much to say that in a country where the differences of elevation are not too great, given a minimum of ground control, a map may be made which will be accurate and complete, in much less time and at a saving in cost by the help of aircraft.

#### Mapping of Country by Aircraft

The importance to your Association of building up an aircraft industry should not be neglected. Canada is the chief source of the spruce used for aeroplane construction. Attempts are being made to produce all metal aircraft. These will probably be successful for certain types, but there is no doubt that wood will continue to be used in the construction of aircraft. During the war a flourishing little industry was created in Canada. Efforts are now being made to re-establish it and already a start has been made in this city to undertake the construction of aircraft. There is no reason why a flourishing industry should not result as time goes on. Those interested may rest assured that the Government will support an aircraft industry in Canada by every possible means in their power. Tenders are now under consideration for a number of new machines and firms bidding on Canadian made machines will certainly receive preference, provided they can guarantee satisfactory work.

The demand for plywood and veneers in the aircraft industry is considerable and will grow. It is interesting to note that since the Air Board commenced buying plywood in Canada, a very great improvement of the quality of the supplies available has been made. The Canadian manufacturers, by using our specifications, are now turning out an article equal to that produced anywhere in the world. There is a ready market for this material and I hope that the manufacturers will take advantage of it to the greatest possible extent.

Most people underestimate the value of a woodlot. A New York man who made a planting of white pine has been offered \$500 an acre for the timber on the stump. Under favorable conditions an acre of white pine will average a growth of one thousand feet a year, which is not bad when it is remembered the trees will grow on otherwise rather unprofitable land.



# PULPWOOD & PULP

## Interesting News Regarding the Industry

Twenty-three industries have been launched at Peterboro, Ont., during the past four years, among them being the Canadian Nashua Paper Co., manufacturers of gummed and coated papers, the Peterboro Paper Box Co., makers of paper boxes, and the Purdy Lumber Co.

In regard to pulpwood prospects in New Brunswick, a well-known operator says that little if any wood is ever cut or made in the winter season. Pulpwood in the province is cut and peeled in the peeling season, starting about May 1st and continuing for three or four months. It is, therefore, too early to say whether there will be an increased production this year or not. This will depend altogether on the demand, especially from the American mills. It is reported that large stocks are being held by some of the newsprint mills this season, and whether the active requisition expected will materialize or not, cannot be definitely predicted.

English newspaper interests are reported to be negotiating for the purchase of some of the Riordon Company timber tracts, according to a despatch from Boston. These interests, among whom are mentioned the London Times, would be prepared to operate a large mill here if the purchase was made, according to the report. Riordon bonds, at present in default of interest, would be provided for in the deal. It is understood the Riordon Company refused an option to the English interests on certain lands.

No decision has yet been reached on the Abitibi River power question. For some time past the Hollinger Mines Corporation has been trying to get a lease to develop power at Island Portage on the Abitibi River. Recently F. H. Anson, president of the Abitibi Company, and representatives of various companies met Premier Drury, Hon. Beniah Bowman and other members of the Cabinet to try and reach a solution of the question. It is understood that the latest prior rights of other companies on the Abitibi need to be smoothed out by mutual arrangement.

The first eighty-ton unit of the new Backus Brooks Company's pulp mill started operations in Kenora, Ont., recently. One side of the plant was started and is running nicely. This is now being tried out, and in the meantime the other side is being rapidly connected up. The plant is so designed that either half can be run independently of the other, so that in case of accidents or wear when repairs are required, production may be continuous. It is expected that in a few days both sides will be in full operation. This is the beginning of production which it is confidently stated will ultimately be a thousand tons per day. This, of course, will take time to develop.

Bird & Son, whose mills are at Pont Rouge, Que., and head office in Hamilton, turn out about 35 tons daily of prepared felt roofing. They have had a very successful year in spite of reductions made in the price of the company's product. Orders on hand are now ahead of the corresponding period of last year. Net profits after depreciation and taxes were taken care of were \$82,479. Dividends on the new issue of 7 per cent. cumulative preferred stock for the last six months of the year were \$14,000.

The statement of assets and liabilities shows capital assets valued at \$799,875. Against this amount there is a depreciation reserve amounting to \$208,138. Current assets at \$454,796 compare with current liabilities amounting to \$120,248. Inventories are carried at \$276,945, and bills receivable at \$150,189. Accounts payable total \$72,580. A further item not included in the accounts payable, total represents bank loans amounting to \$30,000.

The application of the Minnesota & Ontario Power Co., of International Falls, Minn., for an order of the Board of Railway Commissioners for Canada making reduced rates on newsprint shipped by the Fort Frances Pulp & Paper Co., of Fort Frances, Ont., to western Canada points, effective from December 1st 1921 instead of January 9th 1922, has been granted. The Fort Frances Company, at the head of which is E. W. Backus, is under the same management as the Minnesota & Ontario Power Co. The Northern Pacific and other railways interested will, under the decision just rendered, have to refund the difference in rates on shipments made by the Fort Frances Company between December 1921 and January 9th 1922.

A. M. Irvine, of Montreal, chairman of the Executive Committee, announces the resignation of J. E. A. Dubuc from the Committee of Management and the Board of the Bay Sulphite Co., of Port Alfred, Que. It is understood that Mr. Dubuc has also withdrawn from the Committee of Management of the Saguenay Pulp & Power Co. Mr. Dubuc's resignation, it is presumed, is the result of ill-health, and it is believed that he will shortly leave for an extended holiday in France. The necessity of his withdrawal from active participation in the business of the Saguenay Pulp & Power Co. and other interests in the province of Quebec, will be largely regretted. Mr. Dubuc is chiefly identified with the Chicoutimi Pulp Co., of which he is the founder, and with which he has been closely associated for twenty-two years. Its development to its present position as the largest producer of ground wood pulp in the world is largely the result of his energy and foresight.

The hearing of witnesses in connection with the assessment dispute between the E. B. Eddy Co., Limited, and the city of Hull, took place recently before three experts. Final judgment or preparation of the report of the experts was delayed and when completed will be presented to the judge of the Circuit Court. The matter in dispute was taken some time ago by the Eddy Company, who appealed against the assessment levied of \$7,300,000 on its property and plant which was made by the city assessor.

Recently another group of Riordon Company timber limits were sold, which have brought the total sales during the past year or so up to 15,000 square miles. The company has had a return of about \$2,500,000 from the disposition of all of these limits. 500 miles of hardwood limits on the Nation River, Que., were, it is reported, sold to the Singer Sewing Machine Co. at \$500,000. The Singer Company has a plant at St. Johns, Que., where considerable hardwood is consumed. It is understood that the waterpower rights were not disposed of.

A number of timber berths were recently sold at the Crown Land Office in Fredericton, N.B. One timber license for two square miles on the eastern side of the north west Miramichi River near the mouth of the Little Southwest Miramichi River, went to James Walsh at an upset price of \$20 a square mile. Another timber license for two square miles west of Pleasant Ridge Settlement, parish of Rogerville, county of Northumberland, was sold to W. F. Comeau at an upset price of \$20 a square mile. One hundred acres at Glenlivet, Restigouche County, applied for by John Wesley McDonald, were sold to Hugh A. Carr at \$2 an acre. This was the only sale in which there was competition. Two hundred and thirty acres, Flume Ridge, Charlotte County, were sold to the applicant, Thomas Campbell at the upset price of \$6 an acre.



The steamer "Lord Strathcona" discharging Canadian timber at the dock at Cardiff, Wales. It will be noticed that several cranes are used simultaneously, affording a quick unloading of the large cargo.



# CURRENT LUMBER PRICES—WHOLESALE

## TORONTO

### White Pine

(In Car Load Lots, F.O.B. cars Toronto)

1 x 4/7 Good Strips	\$110.00	\$115.00
1 1/4 & 1 1/2 x 4/7 Good Strips	125.00	130.00
1 x 8 and up Good Sides	150.00	160.00
2 x 4/7 Good Strips	130.00	140.00
1 1/4 & 1 1/2 x 8 and wider Good Sides	185.00	190.00
2 x 8 and wider Good Sides	190.00	200.00
1 in. No. 1, 2 and 3 cuts	75.00	80.00
5/4 and 6/4 No. 1, 2 and 3 cuts	105.00	110.00
2 in. No. 1 2 and 3 cuts	120.00	125.00
1 x 4 and 5 Mill Run	54.00	55.00
1 x 7, 9 and 11 Mill Run	54.00	55.00
1 x 8 Mill Run	57.00	58.00
1 x 10 Mill Run	59.00	61.00
1 x 12 Mill Run	66.00	67.00
5/4 and 6/4 x 5 and up Mill Run	61.00	62.00
2 x 4 Mill Run	55.00	56.00
2 x 6 Mill Run	57.00	58.00
2 x 8 Mill Run	58.00	59.00
2 x 10 Mill Run	60.00	62.00
2 x 12 Mill Run	67.00	69.00
1 in. Mill Run Shorts	33.00	34.00
1 x 4 and up 6/16 No. 1 Mill Culls	35.00	36.00
1 x 10 6/16 No. 1 Mill Culls	40.00	42.00
1 x 12 6/16 No. 1 Mill Culls	40.00	42.00
1 x 4 and up 6/16 No. 2 Mill Culls	27.00	28.00
1 x 10 12 6/16 No. 2 Mill Culls	31.00	33.00
1 x 4 & up 6/16 No. 3 Mill Culls	17.00	18.00

### Red Pine

(In Car Load Lots, F.O.B. Toronto)

1 x 4 and 5 Mill Run	38.00	39.00
1 x 6 Mill Run	41.00	42.00
1 x 8 Mill Run	44.00	45.00
1 x 10 Mill Run	47.00	49.00
2 x 4 Mill Run	39.00	40.00
2 x 8 Mill Run	44.00	45.00
2 x 6 Mill Run	39.00	41.00
2 x 10 Mill Run	49.00	50.00
2 x 12 Mill Run	50.00	51.00
1 in. Clear and Clear Face	75.00	76.00
2 in. Clear and Clear Face	80.00	82.00

### Jack Pine

Mill Run (mill culls and dead culls out)		
2 x 4	38.00	39.00
2 x 5, 2 x 6	36.00	38.00
2 x 8	43.00	44.00
2 x 10	46.00	48.00
1 x 4 and wider	35.00	36.00
Mill Culls and Sound Wormy		
1 x 4 and wider	29.00	31.00
2 x 4 and wider	29.00	31.00

### Spruce

Mill Run (mill culls and dead culls out)		
1 x 4, and 5	38.00	39.00
1 x 6	41.00	42.00
1 x 8	44.00	45.00
1 x 10	47.00	49.00
1 x 12	50.00	51.00
2 x 4	38.00	39.00
2 x 6	39.00	40.00
2 x 8	43.00	44.00
2 x 10	46.00	48.00
2 x 12	49.00	50.00

### Mill Culls

1 x 4 and up No. 1	29.00	31.00
2 x 4 and up No. 1	32.00	33.00

### Hemlock (M R)

(In Car Load Lots, F.O.B. Toronto)

1 x 4 and 5 x 9 to 16 ft.	30.00	31.00
1 x 6, 9 to 16 ft.	35.00	37.00
1 x 7, 9 and 11, 9 to 16 ft.	35.00	37.00
1 x 8, 9 to 16 ft.	37.00	38.00
1 x 10 and 12, 9 to 16 ft.	39.00	40.00
2 x 6, 8 to 16 ft.	33.00	34.00
2 x 4 x 8 x 10 x 12, 8 to 16 ft.	36.00	38.00
2 x 4 to 12, 18 ft.	42.00	43.00
2 x 4 to 12, 20 ft.	44.00	45.00
1 in. No. 2, 6 to 16 ft.	23.00	25.00

### Fir Flooring

(In Car Load Lots, F.O.B. Toronto)

Fir flooring, 1 x 3 in. No. 2 and better, edge grain	\$ 78.00
Fir flooring, 1 x 4 in. No. 2 and better, edge grain	75.00
Fir flooring, 1 x 3 in. No. 2 and better, flat grain	59.00
Fir flooring, 1 x 4 in. No. 2 and better, flat grain	62.00
1 x 4 to 12 in. No. 2 and better, clear fir,	

1 1/4 x 4 to 12 in. No. 2 and better, clear fir, rough	90.50
2 x 4 to 12 in. No. 2 and better, clear fir, rough	86.50
3 x 4 to 12 in. No. 2 and better, clear fir, rough	94.50
1 x 4, 5 and 6 in. fir casing	81.75
1 x 8 and 10 in. fir base	86.25
1/2 x 6, 8 to 18 ft. No. 1 and 2 clear cedar bevel siding	53.00
1 1/4 and 1 1/2 8, 10 and 12 in. E. G. Stepping	97.25
1 1/4 and 1 1/2 8, 10 and 12 in. E. G. Stepping	87.25
1 x 4 to 12 in. clear fir dressed 4 sides	80.25
1 1/4 and 1 1/2 x 4 to 12 in. clear fir D4S	84.00
XX Shingles, 6 butts to 2 in. per M.	3.08
XXX Shingles, 6 butts to 2 in. per M.	5.48
XXXXX Shingles, 5 butts to 2 in. per M.	6.28

### Lath

(F.O.B. Mill)

No. 1 White Pine	\$ 12.00
No. 2 White Pine	11.00
No. 3 White Pine	9.00
Mill Run White Pine, 32 in.	4.50
Merchantable Spruce Lath, 4 ft.	7.50

## TORONTO HARDWOOD PRICES

The prices given below are for car loads f.o.b. Toronto, from wholesalers to retailers, and are based on a good percentage of long lengths and good widths, without any wide stock having been sorted out.

### Ash, White

(Dry weight 3,800 lbs. per M. ft.)

	1s & 2s	No. 1 Com.	No. 2 Com.
1"	\$115.00	\$ 75.00	\$ 50.00
1 1/4 and 1 1/2"	125.00	80.00	50.00
2 1/2 and 3"	155.00	90.00	60.00
4"	170.00	130.00	65.00

### Ash, Brown

1"	\$105.00	\$ 60.00	\$ 40.00
1 1/4 and 1 1/2"	110.00	65.00	42.00
2"	120.00	70.00	45.00

### Birch

(Dry weight 4,000 lbs. per M. ft.)

	1s & 2s	Sels.	No. 1 Com.	No. 2 Com.
4/4	\$125.00	\$ 85.00	\$ 55.00	\$ 32.00
5/4	130.00	90.00	60.00	34.00
6/4	130.00	90.00	60.00	34.00
8/4	135.00	95.00	65.00	40.00
12/4	140.00	100.00	70.00	45.00
16/4	145.00	110.00	80.00	50.00

### Basswood

(Dry weight 2,500 lbs. per M. ft.)

	1s & 2s	No. 1 Com.	No. 2 Com.
4/4	\$ 90.00	\$60.00	\$35.00
5/4 and 6/4	95.00	65.00	35.00
8/4	100.00	65.00	30.00

### Chestnut

(Dry weight 2,800 lbs. per M. ft.)

	1s & 2s	No. 1 Com.	Sound Wormy
1"	\$135.00	\$ 85.00	\$ 45.00
1 1/4 to 1 1/2"	140.00	90.00	45.00
2"	145.00	100.00	50.00

### Maple, Hard

(Dry weight 4,000 lbs. per M. ft.)

	F.A.S.	Sels.	No. 1 Com.	No. 2 Com.
4/4	\$100.00	\$ 80.00	\$ 55.00	\$ 35.00
5/4	105.00	85.00	60.00	35.00
6/4	110.00	90.00	60.00	40.00
8/4	115.00	100.00	80.00	45.00
12/4	120.00	110.00	85.00	50.00
16/4	130.00	115.00	95.00	65.00

### Elm, Soft

(Dry weight 3,000 lbs. per M. ft.)

	1s & 2s	No. 1 Com.	No. 2 Com.
4/4	\$ 85.00	\$ 55.00	\$ 30.00
8/4	85.00	55.00	30.00
12/4	120.00	90.00	50.00

Gum, Red  
(Dry weight 3,300 lbs. per M. ft.)

	Plain	No. 1 Com.	Quartered— 1s & 2s	No. 1 Com.
1"	\$120.00	\$77.50	\$130.00	\$ 80.00
1 1/4"	125.00	80.00	135.00	85.00
1 1/2"	125.00	80.00	135.00	85.00
2"	130.00	86.00	140.00	90.00

### Gum, Sap

	1s & 2s	No. 1 Com.
1"	\$ 68.00	\$ 55.00
1 1/4 and 1 1/2"	71.00	58.00
2"	78.00	58.00

### Hickory

(Dry weight 4,500 lbs. per M. ft.)

	1s & 2s	No. 1 Com.
1"	\$125.00	\$70.00
1 1/4"	145.00	70.00
1 1/2"	145.00	75.00
2"	150.00	80.00

### Quarter Cut Red Oak

	1s & 2s	No. 1 Com.
4/4	\$125.00	\$ 80.00
5/4 and 6/4	130.00	85.00
8/4	135.00	90.00

### Plain White and Red Oak

(Plain sawed. Dry weight 4,000 lbs. per M. ft.)

	1s & 2s	No. 1 Com.
4/4	\$130.00	\$ 85.00
5/4 and 6/4	135.00	95.00
8/4	140.00	95.00
10/4	145.00	100.00
12/4	145.00	100.00
16/4	150.00	115.00

### White Oak, Quarter Cut

(Dry weight 4,000 lbs. per M. ft.)

	1s & 2s	No. 1 Com.
4/4	\$150.00	\$100.00
5/4 and 6/4	155.00	105.00
8/4	160.00	110.00

## OTTAWA

Manufacturers' Prices  
Pine

Good sidings:	
1 in. x 7 in. and up	\$130.00
1 1/4 in. and 1 1/2 in. 8 in. and up	\$165.00
2 in. x 7 in. and up	165.00
No. 2 cuts 2 x 8 in. and up	85.00
Good strips:	
1 in.	110.00
1 1/4 in. and 1 1/2 in.	120.00
2 in.	130.00
Good shorts:	
1 in. x 7 in. and up	100.00
1 in. 4 in. to 6 in.	85.00
1 1/4 in. and 1 1/2 in.	125.00
2 in.	135.00
7 in. to 9 in. A sidings	54.00
No. 1 dressing sidings	70.00
No. 1 dressing strips	62.00
No. 1 dressing shorts	50.00
1 in. x 4 in. s.c. strips	52.00
1 in. x 5 in. s.c. strips	50.00
1 in. x 6 in. s.c. strips	55.00
1 in. x 7 in. s.c. strips	54.00
1 in. x 8 in. s.c. strips, 12 to 16 ft.	56.00
1 in. x 10 in. M.R.	62.00
S.C. sidings, 1 1/2 and 2 in.	62.00
S.C. strips 1 in.	48.00
1 1/4, 1 1/2 and 2 in.	55.00
S.C. shorts, 1 x 4 to 6 in.	40.00
S.C. and bet., shorts, 1 x 5	38.00
S.C. and bet., shorts, 1 x 6	40.00
S.C. shorts, 6-11 ft., 1 x 10 in.	48.00
Box boards:	
1 in. x 4 in. and up, 6 ft.-11 ft.	32.00
1 in. x 3 in. and up, 12 ft.-16 ft.	36.00
Mill cull shorts, 1 in. x 4 in. and	
x 4 in. and up, 12 ft. and up	28.00
Mill culls, strips and sidings, 1	
in. up, 6 ft. to 11 ft.	28.00
O. culls r and w p	21.00

### Red Pine, Log Run

Mill Culls out, 1 in.	34.00
Mill culls out, 1 1/4 in.	34.00
Mill culls out, 1 1/2 in.	34.00
Mill culls out, 2 in.	34.00

### Mill Run Spruce

1 in. x 4 in. and up, 6 ft.-11 ft.	28.00
1 in. x 4 in. and up, 12 ft.-16 ft.	35.00
rough	86.50



# CURRENT LUMBER PRICES—WHOLESALE

1" x 9"-10" and up, 12 ft.-16 ft. . .	43.00
1 1/4" x 7, 8 and 9" up, 12 ft.-16 ft. . .	40.00
1 1/4" x 10 and up, 12 ft.-16 ft. . .	43.00
1 1/2" x 12" x 12" and up, 12'-16'	50.00
Spruce, 1 in. clear fine dressing and B	65.00
Hemlock, 1 in. cull . . . . .	22.00
Hemlock, 1 in. log run . . . . .	24.00
Hemlock, 2 x 4, 6, 8, 10 12/16 ft. . .	30.00
Tamarac . . . . .	25.00
Basswood, log run, dead culls out . . .	45.00
Basswood, log run, mill culls out . . .	50.00
Birch, log run . . . . .	60.00
Soft Elm, common and better, 1, 1 1/2, 2 in. . . . .	58.00
Ash, black, log run . . . . .	62.00
1 x 10 No. 1 barn . . . . .	57.00
1 x 10 No. 2 barn . . . . .	51.00
1 x 8 and 9 No. 2 barn . . . . .	47.00

<b>Lath per M.:</b>	
No. 1 White Pine, 1 1/4 in. x 4 ft. . .	11.00
No. 2 White Pine . . . . .	10.00
Mill run White Pine . . . . .	8.00
Spruce, mill run, 1 1/2 in. . . . .	9.00
Red Pine, mill run . . . . .	7.00
Hemlock, mill run . . . . .	6.00

<b>White Cedar Shingles</b>	
XXXX, 18 in. . . . .	7.00
Clear butt 18 in. . . . .	6.00
18 in. XX . . . . .	4.00

## QUEBEC

### White Pine (At Quebec)

	Cts.	Per Cubic Ft.
First class Ottawa waney, 18 in. average according to lineal . .	100	110
19 in. and up average . . . . .	110	120

### Spruce Deals (At Mill)

3 in. unsorted, Quebec, 4 in. to 6 in. wide . . . . .	\$25.00	\$27.00
3 in. unsorted, Quebec, 7 in. to 8 in. wide . . . . .	28.00	30.00
3 in. unsorted, Quebec, 9 in. wide . . .	35.00	40.00

### Oak (At Quebec)

	Cts.	Per Cubic Ft.
According to average and quality, 55 ft. cube . . . . .	125	130

### Elm

#### (At Quebec)

According to average and quality, 40 to 45 ft. cube . . . . .	130	140
According to average and quality, 30 to 35 ft. . . . .	100	125

### Export Birch Planks (At Mill)

1 to 4 in thick, per M. ft. . . . .	\$35.00	\$40.00
-------------------------------------	---------	---------

## ST. JOHN, N.B.

### (From Yards and Mills—Wholesale) Rough Lumber

2x3, 2x4, 3x3, 3x4, Rgh. Merch. Spr. .	\$28.00
2x3, 2x4, 3x3, 3x4, Dressed 1 edge . .	29.00
2x3, 2x4, 3x3, 3x4, Dressed 4 sides . .	34.00
2x6, 2x7, 3x5, 4x4, 4x6, all rough . . .	28.00
2x8, 3x7, 5x5, 6x6. . . . .	38.00
2x9, 3x8, 6x8, 7x7, . . . . .	38.00
2x10, 3x9, . . . . .	40.00
2x12 and up . . . . .	45.00
Merch. Spr. Bds. Rough, 1x3-4&5 . . . .	28.00
Merch. Spr. Bds. Rough, 1x7 & up. . . .	40.00
Refuse Bds., Deals and Setgs. . . . .	20.00
Above Random lengths up to 18-0 long. Lengths 19-0 and up \$5.00 extra per M. For planing Merch. and Refuse Bds. add \$2.00 per M. to above prices. Laths, \$7.50.	

### Shingles

	Per M.
Cedar, Extras . . . . .	\$6.50
Cedar, Clears . . . . .	5.50
Cedar, 2nd Clears . . . . .	4.25
Cedar, Extra No. 1 . . . . .	2.50
Spruce . . . . .	3.25

## SARNIA, ONT.

### White Pine—Fine, Com. and Better

1 x 6 and 8 in . . . . .	\$120.00
1 in., 8 in. and up wide . . . . .	135.00
1 1/4 and 1 1/2 in. and up wide . . . . .	180.00
2 in. and up wide . . . . .	180.00

### Cuts and Better

4/4 x 8 and up No. 1 and better . . . .	135.00
5/4 and 6/4 and up No. 1 and better . .	152.00
8/4 and 8 and up No. 1 and better . . .	152.00

### No. 1 Cuts

1 in. 8 in. and up wide . . . . .	115.00
1 1/4 in., 8 in. and up wide . . . . .	125.00
1 1/2 in., 8 in. and up wide . . . . .	125.00
2 in., 8 in. and up wide . . . . .	130.00
2 1/2 in. and 3 in., 8 in. and up wide . .	175.00
4 in., 8 in. and up wide . . . . .	185.00

### No. 1 Barn

1 in., 10 to 16 ft. long . . . . .	\$ 75.00	\$ 85.00
1 1/4, 1 1/2 and 2 in., 10/16 ft. . . . .	80.00	85.00
2 1/2 to 3 in., 10/16 ft. . . . .	85.00	100.00

### No. 2 Barn

1 in., 10 to 16 ft. long . . . . .	65.00	75.00
1 1/4, 1 1/2 and 2 in., 10/16 ft. . . . .	66.00	
2 1/2, 1 1/2 and 3 in. . . . .	85.00	

### No. 3 Barn

1 in., 10 to 16 ft. long . . . . .	48.00	55.00
1 1/4, 1 1/2 and 2 in., 10/16 ft. . . . .	50.00	56.00

### Box

1, 1 1/4 and 1 1/2 in., 10/16 ft. . . . .	38.00	40.00
---	-------	-------

### Mill Culls

Mill Run Culls—	
1 in., 4 in. and up wide, 6/16 ft. . . .	30.00
1 1/4, 1 1/2 and 2 in. . . . .	31.00

## BUFFALO and TONAWANDA

### White Pine Wholesale Selling Price

Uppers, 4/4 . . . . .	\$225.00
Uppers, 5/4 to 8/4 . . . . .	225.00
Uppers, 10/4 to 12/4 . . . . .	250.00
Selects, 4/4 . . . . .	200.00
Selects, 5/4 to 8/4 . . . . .	200.00
Selects, 10/4 to 12/4 . . . . .	225.00
Fine Common, 4/4 . . . . .	165.00
Fine Common, 5/4 . . . . .	180.00
Fine Common, 6/4 . . . . .	180.00
Fine Common, 8/4 . . . . .	180.00
No. 1 Cuts, 4/4 . . . . .	130.00
No. 1 Cuts, 5/4 . . . . .	140.00
No. 1 Cuts, 6/4 . . . . .	150.00
No. 1 Cuts, 8/4 . . . . .	160.00
No. 2 Cuts, 4/4 . . . . .	77.00
No. 2 Cuts, 5/4 . . . . .	107.00
No. 2 Cuts, 6/4 . . . . .	107.00
No. 2 Cuts, 8/4 . . . . .	122.00
No. 3 Cuts, 5/4 . . . . .	65.00
No. 3 Cuts, 6/4 . . . . .	75.00
No. 3 Cuts, 8/4 . . . . .	75.00
Dressing, 4/4 . . . . .	95.00
Dressing, 4/4 x 10 . . . . .	98.00
Dressing, 4/4 x 12 . . . . .	110.00
No. 1 Moulding, 5/4 . . . . .	155.00
No. 1 Moulding, 6/4 . . . . .	155.00
No. 1 Moulding, 8/4 . . . . .	160.00
No. 2 Moulding, 5/4 . . . . .	125.00
No. 2 Moulding, 6/4 . . . . .	125.00
No. 2 Moulding, 8/4 . . . . .	130.00
No. 1 Barn, 1 x 12 . . . . .	95.00
No. 1 Barn, 1 x 6 and 8 . . . . .	81.00
No. 1 Barn, 1 x 10 . . . . .	85.00
No. 2 Barn, 1 x 6 and 8 . . . . .	67.00
No. 2 Barn, 1 x 10 . . . . .	68.00
No. 2 Barn, 1 x 12 . . . . .	80.00
No. 3 Barn, 1 x 6 and 8 . . . . .	52.00
No. 3 Barn, 1 x 10 . . . . .	54.00
No. 3 Barn, 1 x 12 . . . . .	57.00
No. 1 Box 1 x 6 and 8 . . . . .	45.00
No. 1 Box 1 x 10 . . . . .	46.00
No. 1 Box 1 x 12 . . . . .	48.00
No. 1 Box 1 x 13 and up . . . . .	49.00

## BUFFALO

The following quotations on hardwoods represent the jobber buying price at Buffalo and Tonawanda.

### Sap Birch

1 in . . . . .	90.00	52.00	32.00
5/4 and up . . . . .	100.00	55.00	32.00

## Maple

	1s & 2s	No. 1 Com.	No. 2 Com.
1 in. . . . .	\$ 85.00	\$ 52.00	\$ 32.00
5/4 to 8/4 . . . . .	90.00	55.00	32.00
10/4 to 4 in. . . . .	95.00	60.00	32.00

## Soft Elm

1 in. . . . .	70.00	45.00	30.00
5/4 to 2 in. . . . .	75.00	50.00	30.00

## Red Birch

1 in. . . . .	120.00	75.00	
5/4 and up . . . . .	125.00	80.00	

## Basswood

1 in. . . . .	85.00	50.00	32.00
5/4 to 2 in. . . . .	90.00	55.00	32.00

## Plain Oak

1 in. . . . .	100.00	60.00	35.00
5/4 to 2 in. . . . .	110.00	70.00	38.00

## White Ash

1 in. . . . .	95.00	55.00	32.00
5/4 to 2 in. . . . .	100.00	65.00	32.00
10/4 and up . . . . .	115.00	80.00	32.00

## BOSTON

Quotations given below are for highest grades of Michigan and Canadian White Pine and Eastern Canadian Spruce as required in the New England market in car loads.

White Pine Uppers, 1 in. . . . .	\$232.00
White Pine Uppers, 1 1/4, 1 1/2, 2 in. . .	232.00
White Pine Uppers, 1 1/4, 1 1/2, 2 in. . .	255.00
Selects, 1 in. . . . .	207.00
Selects, 1 1/4, 2 in. . . . .	207.00
Selects, 2 1/2, 3 in. . . . .	232.00
Fine Common, 1 in. 20% 12 in. and up	188.00
Fine Common, 1 x 8 and up . . . . .	188.00
Fine Common, 1 1/4 to 2 in. . . . .	193.00
Fine Common, 2 1/2 to 3 in. . . . .	233.00
Fine Common, 4 in. . . . .	258.00
1 in. Shaky Clear . . . . .	120.00
1 1/4 in. to 2 in. Shaky Clear . . . . .	130.00
1 in. No. 2 Dressing . . . . .	90.00
1 1/4 in. to 2 in. No. 2 Dressing . . . . .	100.00
No. 1 Cuts 1 in. . . . .	148.00
No. 1 Cuts, 1 1/4 to 2 in. . . . .	163.00
No. 1 Cuts, 2 1/2 to 3 in. . . . .	193.00
No. 2 Cuts, 1 in. . . . .	95.00
No. 2 Cuts, 1 1/4 to 2 in. . . . .	135.00
Barn Boards, No. 1, 1 x 12 . . . . .	105.00
Barn Boards, No. 1, 1 x 10 . . . . .	96.00
Barn Boards, No. 1, 1 x 8 . . . . .	93.00
Barn Boards, No. 2, 1 x 12 . . . . .	91.00
Barn Boards, No. 2, 1 x 8 . . . . .	78.00
Barn Boards, No. 2, 1 x 10 . . . . .	79.00
Barn Boards, No. 3, 1 x 12 . . . . .	68.00
Barn Boards, No. 3, 1 x 10 . . . . .	66.00
Barn Boards, No. 3, 1 x 8 . . . . .	63.00

## No. 1 Clear

Can. Spruce, No. 1 and clear, 1 x 4 to 9" .	\$75. \$85.
Can. Spruce, 1 x 10 in. . . . .	88.00
Can. Spruce, No. 1, 1 x 4 to 7 in. . . . .	86.00
Can. Spruce, No. 1, 1 x 8 and 9 in. . . . .	88.00
Can. Spruce, No. 1, 1 x 10 in. . . . .	90.00
Can. Spruce, No. 2, 1 x 4 and 5 in. . . . .	36.00
Can. Spruce, No. 2 1 x 6 and 7 in. . . . .	39.00
Can. Spruce, No. 2, 1 x 8 and 9 in. . . . .	40.00
Can. Spruce, No. 2, 1 x 10 in. . . . .	44.00
Can. Spruce, No. 2, 1 x 12 in. . . . .	45.00

## Spruce Dimension

8" & under 20' & under \$48.00 to \$50.00 base.	
9" & under 20' & under 49.00 to 51.00 base.	
10" & under 20' & under 50.00 to 52.00 base.	

## Merchantable Spruce

2 x 3, 4, 6, 7 random . . . . .	\$36.00 to \$38.00
2 x 8, and 9 random . . . . .	44.00 to 46.00
2 x 10 random . . . . .	44.00 to 45.00
2 x 12 random . . . . .	45.00 to 47.00

All other random lengths, 7 in. and under 8 ft. and up . . . . . 40.00 42.00

5 in. and up merchantable boards, 8 ft. and up, D 1s . . . . .	34.00	35.00
1 x 2 . . . . .	36.00	38.00
1 x 3 . . . . .	33.00	35.00
1 1/2 in. Spruce Lath . . . . .	8.75	9.25
1 1/2 in. Spruce Lath . . . . .	7.75	8.50

## New Brunswick Cedar Shingles

Extras . . . . .	\$ 6.00	6.35
Clears . . . . .	\$ 5.00	5.50
Second Clears . . . . .		4.00
Clear Whites . . . . .		3.50



**Second Hand  
Machinery &  
Equipment  
Wanted &  
For Sale**

# Quick Action Section

**Special Lots  
Of Lumber—  
Positions  
Wanted &  
Vacant**

## Lumber Wanted

WE are always in the market to buy Pulpwood and odd lots of lumber. P. O. Box 643, Montreal. 6-T.f.

### Offers Wanted

for 2" and 3" Prime Hardrock Maple for English importers. State price and delivery. Box 104, Canada Lumberman, Toronto. 3-8

### Birch Logs

WANTED—First class Round Birch Logs 15" and up, also Basswood Logs 10" and up. Box 171, Canada Lumberman, Toronto. 6

### Wanted

Ten carloads Hard Maple 1½" x 3¼" x 18" and up in length. For further particulars, apply to Box 155, Canada Lumberman, Toronto. 5-T.f.

### Wanted

Number one Birch and White Oak Logs, in carload lots. Quote price F.O.B. shipping point. Apply Box No. 143, Canada Lumberman, Toronto. 5-8

### WANTED

CLEAR MAPLE, 50% in pieces, 1 x 3 x 4' 50% in pieces 1½ x 2 x 4'.  
CLEAR FACE MAPLE STRIPS, 1½ x 3 x 18, 27 and 36" long. Quote f.o.b. Mill. Will inspect and pay cash when loaded. POWELL LUMBER & TIMBER CORPN., 43 Davis St., Long Island City, N. Y. 6-9

### Lumber Wanted

A block of Hemlock lumber, also block of mill run Jack Pine or Spruce, also Spruce and Jack Pine Lath, for winter or spring delivery. The Elgie & Jarvis Lumber Co., Ltd., 18 Toronto St., Toronto. 5-6

### Wanted—Birch

and other Hardwoods suitable for the U. S. trade, graded or log run. Cash as loaded. Give loading point and full description together with estimated grades. Wallace H. Partridge, Inc., Springfield, Mass. 5-T.f.

### Hardwood Wanted

2 cars 4" x 4" Sound Hearts  
1 car 2" x 4" Sound Hearts  
At what prices can you saw above?  
HUNTINGTON & FINKE CO.,  
Buffalo, N. Y. 5-6

### Spruce Wanted

2 or more cars 6/4" Culls or Better any width and length.  
Quote f.o.b. cars mill or delivered Buffalo.  
HUNTINGTON & FINKE CO.,  
Buffalo, N. Y. 5-6

### Lumber Wanted

Hard Maple, Birch and Red Oak Lumber, in carload lots, for immediate shipment, or will contract for your season's cut. Delivery when in shipping condition. Address reply Box 101, Canada Lumberman, Toronto. 3-6

### Wanted

To contract for one hundred thousand feet genuine Rock Elm for bending purposes. Cut 3¼" thick. Delivery next summer. No substitute will be accepted. Quote price to St. Marys Wood Specialty Co. Ltd., St. Marys, Ont. 8-6

### Wanted

15 cars 1½" Winter Cut Basswood Log Run.  
12 cars 2½" and 3" No. 1 Com. & FAS Soft Elm.  
5 cars each 2", 2¼" and 3" Hard Maple, No. 1 Com. & FAS.  
10 cars Birch logs, good size and quality. Write Conroy-Buchanan Lumber Co., Jamestown, N. Y. 4-7

## PUBLISHER'S NOTICE

Advertisements other than "Employment Wanted" or "Employees Wanted" will be inserted in this department at the rate of 25 cents per agate line (14 agate lines make one inch). \$3.50 per inch, each insertion, payable in advance. Space measured from rule to rule. When four or more consecutive insertions of the same advertisement are ordered a discount of 25 per cent. will be allowed.

Advertisements of "Wanted Employment" will be inserted at the rate of one cent a word, net. Cash must accompany order. If Canada Lumberman box number is used, enclose ten cents extra for postage in forwarding replies. Minimum charge 25 cents.

Advertisements of "Wanted Employees" will be inserted at the rate of two cents a word, net. Cash must accompany the order. Minimum charge 50 cents.

Advertisements must be received not later than the 10th and 20th of each month to insure insertion in the subsequent issue.

### Lath Wanted

For Detroit delivery: 10 cars 4' No. 1; 10 cars 4' No. 2; 5 cars 32" Mill Run—all White Pine. For Cleveland, Ohio, delivery: 2 cars 32" Mill Run White Pine. Lath must be well manufactured (¾" x 1½") and carefully graded. Brewster Loud Lumber Co., 333 State Street, Detroit, Michigan. 6-7

### Wanted

2 Million feet spruce, jack pine and hemlock for spring delivery.  
10,000 cords of spruce peeled and rough pulpwood.  
10,000 cords of peeled poplar.  
50,000 cedar, hemlock and jack pine ties.  
Apply to Quebec Lumber Co., 140 St. Peter St., Quebec, Que. 5-8

### Dry Hard Maple Wanted in Carload Lots

1¼" x 3" in lengths of 18", 27", 36", 45" etc.  
1¼" x 3¼" same lengths.  
1¼" x 2½" x 49" (one half each size.)

All to be free from defects.  
Will contract for mill cuts of hard maple to be sawn into these sizes after lumber is dry, shipment next summer and fall.

Box No. 989, Canada Lumberman, Toronto. 3-T.f.

## Lumber For Sale

### For Sale

Slack barrel and keg material by the carload. R. J. Miller, Blacklands, Siding, N.B. 5-14

### Dry Hardwood for Sale

100,000 ft. Birch, Maple, Beech, Oak and Ash Sawn 2", 3" and 4" thick. Chapeau Lumber Company, Fort Coulonge, P.Q. 4-T.f.

### For Sale

1 million ft. Fir and Larch, to be cut in dimensions, several cars 3 x 12 small timbers up to 12 x 12. Michael Dumont, Bridesville, B. C. 5-6

### For Sale

Standing timber estimated 20 million feet, about 75% hardwood, with or without mill. Located in Northern Frontenac County, Ont. Apply Box 76, Canada Lumberman, Toronto. 2-7

### Jack Pine Culls for Sale

500 M ft. 1" x 4" and wider—excellent grade—dry stock—can dress if desired. Have stock at mill for prompt shipment. Will quote attractive prices.

HUNTINGTON & FINKE CO.,  
Buffalo, N. Y. 5-6

### Hemlock for Sale

150,000 ft. of 1" Mill Cull Hemlock 1922 sawing well manufactured and properly graded. Can be dressed if desired at shipping point at low price.

J. GEO. CHALIFOUR,  
93 St. Peter St.,  
Quebec, Can. 5-6

## Machinery Wanted

### Wanted

Alligator—steel or wood, in good condition. Give full description, for cash. Box 99, Canada Lumberman, Toronto. 3-6

WANTED—Sawmill Boiler in good condition, also Sprocket Wheels for Boardway Chains and Conoyar Chains. Beagans & Simpson, Boakview, Ont. 6

MEDIUM SURFACE PLANER. Endless bed, double surface preferred. Must be very cheap and in good working order. What have you? Marathon Lumber Co., Bigwood, Ont. 6

### Portable Sawmill Wanted to do Customs Work

The undersigned have two or three full seasons work for a good substantial portable cutting railway ties and lath. For full particulars apply to, Box 156, Canada Lumberman, Toronto. 6

## Machinery For Sale

### Sawmill for Sale

Cheap at La Reine, Abitibi. Apply to L. N. Huart, Levis, P. Q. 6

### For Sale

Linn Lumber and Logging Tractor. Apply Box No. 60, Canada Lumberman, Toronto. 24 T.f.

### For Quick Disposal

One slide valve engine, 100 H.P. in good repair. Will sell cheap for quick sale. Box 125, Canada Lumberman, Toronto. 4-7

### For Sale

One heavy duty lumber carriage 40" open with or without steam feed. A snap if taken at once. Box 126, Canada Lumberman, Toronto. 4-7

### For Sale

McGregor Gourlay O.Y., 15 x 6 Planer and Matcher complete. Now running. The Peterborough Lumber Co. Ltd., Peterborough, Ont. 4-7

### For Sale

Two Steam Engines. About 100 H.P. each. Both in fine running condition. Very low price for quick sale. Address, The Maitland Lumber Co. Ltd., Liverpool, N. S. 5-8

### For Sale

Having installed a large Scaper, we are offering our 30" Whitney Scraper complete with knife grinder and two blocks, in first class condition. Apply Hay & Co. Ltd., Woodstock, Ont. 3-6

## For Sale

Small, stationary Circular Saw Mill with good power. Capable of cutting 15,000 ft. per day. Will sacrifice for cash. Apply Box 145, Canada Lumberman, Toronto. 5-6

## For Sale

One used S.A. Woods Planer and Matcher, 15" x 9", No. 33 in very good working order, at a very attractive price. Also one Automatic Circular Saw Grinder. O. Chalifour, Inc., Quebec, P.Q. 4-7

## For Sale

1 Corliss Engine 13" x 30".  
1 Stationary Boiler 56" x 12'.  
2 power driven water pumps.  
1 vacuum feed water heater.  
A complete equipment. Will sell reasonable. Apply to Crystal Beach Planing Mills, Crystal Beach, Ont. 5-6

### Corliss Engine for Sale

An E. Leonard & Sons 18" x 36" horizontal 175 h.p. Corliss Steam Engine; heavy duty girder frame and outbearing; 12" x 24" band wheel and ball governor; in first class condition. Will sell at a bargain. The American Pad & Textile Co., Chatham, Ont. 6-9

## For Sale

1—7" Steam Feed  
1—Medium weight Carriage 40" opening, Double acting set works.  
1—Balance Wheel, 8 ft. dia. 4" rim 4½" bore, approximate weight 20 hundred.  
50 ft. Smoke Stack—24 in. dia.  
1—Champion Steam Engine 8 x 10.  
L. Robertson, Ardbeg, P. O., Deer Lake, Ont. 5-8

## For Sale

1—No. 202 Fay & Egan Edging and Ripping Saw, new, with two saws.  
1—No. 112 Fay & Egan Hardwood Flooring Machine.  
1—Holmes End Matcher.  
1—Wheelock Engine, 20 x 46 Left Hand.  
These machines are being offered at a greatly reduced price, and are all in first class condition. Gilpin Bros., Warton, Ont. 6

## Notice To Sawmill Owners

We are disposing of the machinery, etc., in our sawmills at Waubushene, Ontario, and would be glad to have enquiries for any kind of sawmill machinery. At present time we have unsold:

Band-Saw Mills and Saws.  
Circular Saw Frames and Saws.  
Gang-Saw Machines and Saws.  
Twin Circular Machines and Saws.  
Carriages with and without Steam Set-works for the above Band-Saws and Circulars.  
Steam Feeds for the above Carriages.  
Steam Log-Loaders and Steam Niggers.  
Trimmers and Slash-Tables.  
Lath Mills.  
One 35 ft. Steel Refuse Burner.  
Automatic Circular Grinders.  
Automatic Gang-Saw Grinders.  
Automatic Band-Saw Grinders.  
Log Haul-ups.  
Engines, Boilers, Shafting, Pulleys, Belting, Lumber Trucks.  
Everything that goes to make up a large sawmill.

This machinery, for the greater part, is of William Hamilton Manufacturing Company make, and is in first class condition and the prices are right.

Enquire from

The Georgian Bay Lumber Co., Ltd.  
3-10 Waubushene, Ontario.



**For Sale**

1 Waterous Pony Bond \$635.00. 1 E. Long 36" right hand Edger with 3 collars, \$365.00. All in good condition. Box 136, Canada Lumberman, Toronto. 5-10

**Wickes Gang**

GANG: No. 12 Wickes Gang, 40" sash, 15" stroke, steam boiler rolls, front and back in two sections, feed and oscillation combined, 1908 model, and has been in use for five years. We furnish with this gang 11 rolls for cants and stock, one filing machine, and 4 sets of saws.

THE PEMBROKE LUMBER CO.,  
1 T.f. Pembroke, Ont.

**Sawmill Machinery For Sale**

I am dismantling one of the largest mills in Nova Scotia, and offer the machinery at junk values. Complete list furnished on request.

Here are a few items picked at random, to give you an idea of the money you can save:

42" Stock Gang—Stearns Mfg Co.,  
Erie, Pa. ....\$1000.00

24" Stroke Double Cylinder A frame  
Sawmill engine Geo. Waring Mfr. \$1000.00

1 Left hand Band Saw Carriage 25'  
Overall with set works, dogs, wire rope, feed gear driven by a Pawling & Harnishfecher twin engine feed, 10 x 12 cylinder—carriage equipped for setters to ride .....\$1500.00

1 Tandem Band Sawmill composed of a right and left hand Band Saw with wheel 72" x 8" .....\$ 400.00

Haulup, Steam Kickers, Live Rollers, Conveyors, Shafting, Hangers, Boxes, etc., etc.

RALPH P. BELL,  
Timberlands & Pulpwood,  
4-7 P.O. Box 1081, Halifax, Nova Scotia.

**Situations Wanted**

POSITION WANTED by a first class Band Saw filer, 20 years experience. No job too large. Box 15, Canada Lumberman, Toronto. 5-10

MAN WITH MILL EXPERIENCE would like position to hammer and file large circular saws in sawmill for coming season. Box 106, Canada Lumberman, Toronto. 3-6

EXPERIENCED LUMBER SALESMAN, good connections Ontario and New York State, open for engagement end of March. Box 167, Canada Lumberman, Toronto. 6-7

RETIRED LUMBERMAN, well known by retailers here, would like lumber mill's agency for Montreal and Province. Best references and certain capital. Apply Box 160, Canada Lumberman, Toronto. 6-7

BOOKKEEPER AND OFFICE MAN, 15 years experience in wholesale and retail lumber offices, open for engagement in May (sooner if necessary) Box 168, Canada Lumberman, Toronto. 6-7

POSITION WANTED—as Band Saw Filer in real good Band Mill, any size. Very best of references. Single or Double cut. 22 years experience. Box 115, Canada Lumberman, Toronto. 3-6

OFFICE MAN, twenty years timber trade experience open for engagement. Age 39, married. Good references. Can go anywhere. Apply Box 137, Canada Lumberman, Toronto. 5-6

CASHIER PAYMASTER, married man, twenty years lumber business experience all branches, open for engagement. Ontario or west preferred. Salary reasonable. Write Box 138, Canada Lumberman, Toronto. 5-6

Young Man, 28, wishes to learn the lumber business preferably the selling end. Has had some selling and several years experience in accounting and office work, any place in Canada. Box No. 71, Canada Lumberman, Toronto. 1-6

WANTED—for coming season—position as sawyer on left hand rig, either bands or circulars. Fifteen years experience on fast rigs. Best of references. Write or wire Peter Dennis Leggers, Gen. Del., Winnipeg, Man. 5-6

EXPERIENCED LUMBER SALESMAN, speaking both languages desires to represent wholesale lumber company in Montreal and Quebec province on commission basis. Address Geo. H. Thibault, Room 211, 180 St. James Street, Montreal, Que. 5-6

WANTED—Position as woods superintendent. Twenty years experience in logging and river driving logs or pulpwood. Can handle the business thoroughly, either jobbers or company camps. Best of references, both languages, and married. Box 146, Canada Lumberman, Toronto. 5-8

POSITION WANTED as office manager or yard manager by advertiser. Eighteen years lumber trade experience. Can handle work and staff. Married, age 38 years, British. Reasonable salary. Any location. Write first instance Box 139, Canada Lumberman, Toronto. 5-6

POSITION WANTED—By young married man, with progressive concern. Eight years' experience as manager large retail yard, also wholesale selling experience in both Eastern and Coast materials. Would prefer Western Ontario or further west. Apply Box 172, Canada Lumberman, Toronto. 6

YOUNG MAN, 24, wishes progressive position with lumber firm. 3½ years experience in lumber manufacturers' office and yard. Experience shipping cars and cargoes. Payrolls and general office routine. Can operate typewriter. Prefer part outdoor work. Go anywhere. Box 169, Canada Lumberman, Toronto. 6-7

WANTED—Position as Superintendent, or manager of lumber company. Eighteen years practical experience, which time have been with but two concerns, holding these positions with success. Would entertain subordinate position with future and prove ability. Forty years old and married. Unquestionable references as to ability and integrity. Box 80, Canada Lumberman, Toronto. 4-7

PERMANENT, PROGRESSIVE POSITION desired May 1st or after. Good, all-round office man. Age 39, married. Twenty years lumber trade experience. Can work without supervision and handle correspondence and all duties. Have experience in Hardwood and Softwoods. Initial salary not main point provided reasonable prospects. First class references and can put up security if necessary. Write Box 161, Canada Lumberman, Toronto. 6-8

AGGRESSIVE YOUNG MAN—with ability, integrity and 5½ years and valuable experience in lumber offices, desires permanent position that has a good future with progressive concern. Have been accustomed to handling correspondence, orders, sales and bookkeeping. Prefer to locate in Georgian Bay district or Northern Ontario, but other places considered. Excellent credentials. Replies treated confidentially. Box 148, Canada Lumberman, Toronto. 5-6

**Situations Vacant**

WANTED—Sawyers, Filers, Setters, Edgermen, Mill Hands. Apply Box 109, Canada Lumberman, Toronto. 3-7

WANTED—Foreman for well equipped planing mill, able to set up machines and look after bench work, state wages expected to Box 170, Canada Lumberman, Toronto. 6

WANTED—Captain for tug 35 Nominal Horse Power, used principally for towing logs. In reply give age, nationality, and state experience towing logs. Apply—Bishop Lumber Co., Nesterville, Ont. 6-7

WANTED: Millwrights, Sawyers, Setters, Edgermen, Trimmers and general Sawmill hands. Apply stating wages and experience to Geo. Gordon & Co. Ltd., Cache Bay, Ont. 6

**Wanted**

SAWYER for left-hand Circular, Gun-shot Feed, Steam Nigger, Steam Loader. Must be fast. Apply R. B. Herron & Co., Tionaga, Ontario. 6

**Business Chances****Business Opportunity**

Want partner for woodworking business; moving and enlarging. Man with \$10,000 to \$12,000 capital and experienced in factory production preferred. Box 159, Canada Lumberman, Toronto. 6-9

**Wanted**

A tie and pulpwood limit in Ontario near river which flows into lakes or Georgian Bay. Apply to Canadian Dealers and Jobbers, Ltd., 140 St. Peter Street, Quebec, Que. 3-6

**For Sale**

Rixon-Ainslie-Stoddart Sawmill at Owen Sound. Splendid power plant and machinery. Will be sold cheap. Apply Keenan Bros., Ltd., Owen Sound, Ont. 23 T.f.

**Valuable Limit for Sale**

In British Columbia about fifty sections never cut or burnt over, estimated five hundred million feet principally spruce. Box 158, Canada Lumberman, Toronto. 6

**In New York State**

For Sale—Retail Lumber Yard and Planing Mill. Going business in good prosperous town. Favorable price and terms. Address Box 174, Canada Lumberman, Toronto. 6

**Lumbermen**

Please send your stock sheets with prices delivered Detroit on hardwood lumber, also customer's contract for mill-cuts to A. H. David, 2626 Taylor Ave., Detroit, Mich 1-11

**Wanted**

to correspond with parties who can deliver 500,000 feet or more 8' jack pine logs to vessels anywhere in Georgian Bay. Address Hine Lumber Co., 3-123 General Motors Building, Detroit, Mich., U. S. A. 5-8

**For Sale**

Mill and Timber Limits for sale. Timber large proportion Hardwood. Mill twenty thousand capacity. Large cattle and breeding ranch. Will sell with or without ranch. Located in Eastern Ontario. Address Box No. 50, Canada Lumberman, Toronto. 22T-f.

**Wanted**

To represent an A-1 Canadian Hardwood Lumber mill on a 5% Commission, mill price. Can sell 15,000,000' to 25,000,000' a year direct to trade. Will buy direct myself 5,000,000' to 7,000,000' for my own use. Geo. I. McClure, 2521 Clark Ave., Detroit, Mich. 6

**Wanted**

From five to fifteen million feet of standing spruce, jackpine, balsam, fir, or pine, located in Ontario, Quebec, New Brunswick or Nova Scotia. Kindly furnish prices per thousand, description of country for logging and nearness to railroad. Box 176, Canada Lumberman, Toronto. 6-7

**Wanted**

To buy a whole or controlling interest in a timber proposition of real merit. Preferably Northern Ontario. Apply S. A. M., 9 College Street, Toronto. 6-9

**For Sale**

Free Hold Timber limit, 8 square miles, 80% spruce balance balsam and jackpine. A sawmill with modern machinery and complete outfit. Sale in block or at \$2.50 per cord standing, limit situated at Greening, Quebec. For information call

JULES BRETON, Manager,  
The Bedard Lumber Company Limited,  
6-9 Joliette, Quebec.

**For Sale**

SPECIAL OPPORTUNITY, to join with owner of valuable timber property on waters tributary to main line of C. P. R. in British Columbia.

Cedar, Spruce, White Pine and Hemlock 120,000,000 feet.

Would dispose of part interest on very attractive basis.

Full particulars on application to H. Y. T., 9 College Street, Toronto. 5-8

**For Sale Cheap**

Circular Sawmill, Building and Machinery; Steam Feed, suitable for Ties and Lumber.

also

Small two-storey Brick Factory, well-located, with or without woodworking machinery. Apply to John Harrison & Sons Co., Limited, Owen Sound. 24 T.f.

**For Sale**

Timber Berth No. 200 in the Township of Morin on the North shore of Lake Huron containing 34½ square miles more or less. The limit contains mainly white pine, there is also a large quantity of spruce, cedar, birch and hemlock. A list of supplies on hand and equipment may be seen at the depot. A complete logging and driving outfit consisting of sleighs, boats, two gasoline launches, thirty-four horses, etc. Tenders will be received by Fraser & Co., 74 Nepean St., Ottawa, up to the 10th of May 1923. Further particulars may be had on application. 5-9

**Miscellaneous****D. FLORENCE & SONS**

Bethune St., Peterborough, Ont.

Dealers in Scrap Iron, Metals, Second-Hand Machinery, Pipes, etc. 2-24

FOR SALE—Used Belting, Rails, Blocks and Pulleys. Send us your Scrap Iron and Metal etc. Highest market price paid. A. Low and Company, 264 Simcoe St., Peterborough, Ontario. 1-24

**Motor Boat for Sale**

One 26 ft. flat bottom driver's boat, equipped with Sterling 12-15 h.p. Engine, complete with power winch, in first class shape. Engine only in use three months. For particulars, apply to Fassett Lumber Co., Limited, Fassett, P.Q. 6-7

**Railroad Flat Cars for Sale**

3 standard steel flat cars M. C. B. with U. S. safety appliances, built by Can. Car & Foundry Co. New in 1916. Had very little use. Price \$1,000. each (cost \$2,800. each). F. L. Richardson, 178 High Park Ave., Toronto. 6

**Pulpwood Limit**

We have for sale licenses on two townships of about 72 square miles between Parry Sound and Sudbury. The timber on these townships is mostly poplar pulpwood and is exportable to the United States. Also there is a large quantity of other timber, spruce and balsam pulpwood, jack pine ties, elm, oak, etc.

The longest haul to the railroad would be about six miles and the average around three miles.

For further particulars apply to

Mulholland and Company  
23 Jordan Street, Toronto, Ont. 6-9

**The Canadian Land and Immigration Company of Haliburton, Limited**

This Company owns in fee simple over 300,000 acres of timber lands in Central Ontario. These lands are well timbered with Spruce, Balsam, Hemlock, Basswood, Birch, Maple, Ash and Cedar and considerable Pine.

The timber on this property will be sold in blocks of from 10,000 to 50,000 acres with a reasonable time to take same off. Or the land and timber will be sold together.

There are two Railroads running into the property, one into the Southwest corner and the other into the Southeast corner.

This territory is so well interspersed with lakes and rivers that the cost of getting out the timber is comparatively small.

As the property is held in fee simple there are no Government dues or restrictions as to manufacture, therefore, anything cut on the property can be exported in its raw state.

Maps and plans and further particulars will be given on application to the undersigned.

W. H. LOCKHART GORDON,  
Managing Director,  
79 Adelaide Street East,  
Toronto. 6-9



# Review of Current Trade Conditions

## Montreal Market Continues on Firm Basis

From the wholesalers' point, the Montreal market is in a satisfactory condition. A large volume of business is passing with prices tending upwards. Some firms have a number of orders which they are unable to fill, partly because of the difficulty of securing stock and partly on account of the shortage of cars. The situation is regarded to the latter is serious, the more so as many orders are for American account. The railways are not willing to allow Canadian cars to cross the border owing to the delay which occurs in their return. While the companies are, no doubt, justified in their policy, it considerably handicaps the lumber trade. American firms are placing orders very freely, business coming from points which do not usually buy in the Montreal market.

Manufacturers are receiving a large number of inquiries for the new cut. One company with a very extensive production states that the inquiries are surprising, ranging from carloads to the entire cut. Another manufacturer, who recently acquired a limit, reports that he has received numerous letters as to the cut of hardwoods and softwoods. These inquiries may be regarded as evidence of confidence in the immediate future of the market, both as to the volume of business and prices.

The hardwood market is very firm with some of the characteristics of the spruce section—activity, advancing prices and inability to obtain all the stock required.

Lath is on a stronger basis, and a considerable amount of business is being done.

Trade in B. C. forest products is moderate, but it is restricted not only by the high prices but by the difficulty of obtaining prompt shipment.

Prospects for the building season are favorable. Some very extensive enterprises connected with the lumber and pulp and paper industries will be carried out this year. These include the St. John Lake dam and other work for the Quebec Development Company, in which Price Bros., are interested, and the damming of the Chicoutimi and Sable Rivers, which will supply water to Price Bros. and the Chicoutimi Pulp & Paper Company. In Montreal some huge office buildings are to be erected, while there is also a substantial programme of construction in other directions.

There is an increased demand for pulpwood, with prices strengthening. During January Canada exported 133,328 cords, of a value of \$1,195,886, compared with 66,094 cords, valued at \$696,943 in the corresponding month last year. For the ten months of the fiscal year the exports were 883,139 cords, valued at \$8,906,091, as against 630,540 cords and \$7,926,536 in the corresponding period of 1921-22.

## Market in Ontario is Strong and Active

Conditions in the lumber line remain encouraging, and in spite of the handicap in shipping stock to the United States caused by embargoes at many points, trade is, on the whole, very satisfactory. Several large sales of white pine cuts for the coming season have been made during the past few days at an advance all the from \$5 to \$7 on what was paid for similar stock last year. Hemlock prices are also commanding considerably more than they did a year ago, and while the increase of \$6 and \$7 on mill run may seem a little high in some cases, manufacturers point out that it will cost them a deal more to produce their stock this year. Wages in the bush were considerably above those of the winter of 1921-2, and at the beginning of the season men were inefficient and restless. Then again, it is expected that there will be an advance in the wages of ordinary mill labor this spring of, perhaps, 10 per cent, which will also run up the cost of production.

There is a great scarcity at the present time of 2 x 4, 2 x 8, 2 x 10, and 2 x 12 dimension, 10 and 16 feet lengths, in jack pine, spruce and hemlock; 2 x 6's are quite plentiful with very little demand. Wide white pine culls, 10 and 12 in. are also rare. In the meantime all the mills are making preparation for an early start, and if the spring break-up continues as gradual and satisfactory as was the case during the first few weeks in March, all plants should have an auspicious opening.

There is a great shortage of lath at the present time and the American demand is keen. The call is for spruce lath from the east and there has been a jump in values all along the line. It is expected that the market this spring will be particularly active in view of spring building indications and the favorable trade outlook.

The chief difficulty with wholesale lumbermen at the present time is securing stock. It is no trouble to dispose of material at a satisfactory figure; the problem is where to lay hands upon it.

It is believed that the lumber business for the first few months of this year will be exceptionally active and that the cut for 1923 will break all records of the last three or four years. Everything betokens an expansion of production and confidence in the future. Supply and sawmill equipment firms are very busy, and several mills, which have been burned, are being rebuilt, all of which is an unmistakable omen of returning prosperity.

The industrial situation in Canada is not yet active but it is improving steadily and the domestic market in hardwoods which for a long period has been limited and listless, is expected to take on new activities during the coming few weeks. In maple, birch, elm and basswood, while there is no frenzied buying, the general demand is good and the advanced prices in many instances are being readily paid. Owners of small stocks are holding out for more money and say they will get it too.

In the meantime the outlook for the future is enlivening and everything betokens a large car business in all kinds of wood. The one danger is that of a runaway market before the new cut comes on the arena. It is predicted by some wholesalers that considerable material will be sold green from the saw, so pronounced will be the scarcity in certain lines of lumber.

One leading operator stated the other day that if values went too high, the whole market would be upset very suddenly as people were nervous now about large or new undertakings. A disturbing factor was apt to be greatly magnified, and the results would be detrimental to all concerned. Stability and confidence were requisites that should characterize production, sales and distribution, and any unpropitious influence affecting the situation would only tend to complicate matters and mar what otherwise is likely to be an excellent year in the lumber business.

## Ottawa Reports Good Movement of Stocks

An improvement in the Ottawa lumber market, especially in regard to the movement of stocks for the domestic trade which were bought and paid for at the end of last year or early in 1923, marked the Ottawa lumber market, during the early period of March.

Price advances ranging from one to twenty-five dollars per M feet took place in some lines, the largest increase being in good pine shorts, one and one-quarter inch and one and one-half inch, and two inch stock. The increase was attributed to the demand for these stocks as compared with the existing supplies.

Several of the Ottawa valley companies report that, during the last few weeks, orders had come through notifying them to ship stocks which were bought and paid for late last year or early this year. In addition there was also several good orders received for stocks other than those which had been previously ordered.

The demand as reflected by orders called for a general run of stocks from the best to the lowest grades, which was the kind of a market that the Ottawa lumber dealers have been awaiting. The view taken that such a demand confirmed previous operations that the spring and summer is going to be a good business period for the lumbermen.

The demand from the American yards did not show much fluctuation as compared with the early part of the month. The embargoes on entry points were reported to be as stiff, if not stiffer, than they had been. In addition to the embargoes, severe winter weather and heavy snow falls in the eastern states crippled shipping activities, and the view was held at Ottawa that prospects of good rail shipping to the American yards would not materialize until such time as the motive power equipment of the railways improved, and the snow congested tracks had been thawed or melted out.

The heavy snow in February, Ottawa lumbermen believed, would eventually result in a considerable reduction of the log output in the Eastern Townships. These snow falls, however, were not as heavy in the Ottawa valley district and reports were that the weather for log making and hauling had been the best for many years.

The lumbermen look forward to a particularly large cut, and feel that given an even break, with the waters of the Ottawa river behaving anything like normal, that a large percentage of the logs will get to the mills and that the 1923 sawmill cut will be a large one.

The labor situation in the woods camps improved considerably,





View of Mills in Sarnia

## ***“On Time” Delivery***

Getting the goods delivered ON TIME is just as important as being able to produce them—and we make a specialty of both. Ask any retailer or woodworking establishment who has been using our A 1 NORWAY or WHITE PINE LUMBER.

We also make a specialty of heavy timbers, cut to order any length up to 60 feet from Pine or B.C. Fir. Quotations will be gladly forwarded upon request.

***“Rush Orders Rushed”***

# **Cleveland-Sarnia Sawmills Co., Limited**

**SARNIA, ONTARIO**

B. P. BOLE, Pres.   F. H. GOFF, Vice-Pres.   E. C. BARBE, Gen. Mgr.   W. A. SAURWEIN, Ass't. Mgr.



several companies reporting that they had now all the men they wanted, until the spring gangs were sent in. Following the tradition of years, lumbermen expect, this year that the members of the winter gang will come out of the bush to the cities on March 22, which the woodsmen claim is the day on which spring commences. Already gangs for the spring work are being collected, and no shortage of labor for the drive or the later woods operations is feared.

Conditions with the woodworking plants and factories did not show a great deal of change. Several plants reported being fairly busy, being chiefly occupied in manufacturing stock or dressing rough lumber in transit.

### New Work Shows Exceptional Volume

Spring will soon be here, and, in more pressing form than ever, the question of taking long delayed construction projects in hand. For municipalities with public utility extensions to instal, for business houses with office and manufacturing expansions in contemplation, and perhaps most of all for private apartment house dwellers and rent payers, who have long dreamed of a certain little house of their own—for all of these the problem is—Build now or await further possible declines in costs? In reply to which a majority of considerations seem to suggest an affirmative answer.

It is apparent that the great drop in construction costs is over and those who wish to build may do so in 1923 without fear of loss through the shrinkage of existing values incidental to rapid price deflation. Labor has settled down to a sound basis of production, and the flow of money into building channels is rapidly increasing. Many of the big projects underway have been undertaken only after the investor has come to realize that the major conditions in the building field are now favorable. There is much wisdom in the advice being given at the present juncture by architects to their prospective clients—"Build now and avoid the rush."

Pronounced activity in the coming season is forecasted by the February figures of contemplated new work reported by MacLean Building Reports, Limited. The value of proposed work reported for the first time in February was \$41,231,400 compared with \$36,714,600 in January. These figures serve as a basis for accurately judging the value of contracts to be let a few months hence.

During February, construction contracts actually awarded in Canada amounted to \$13,311,800 compared with \$10,718,300 in February, 1922. Residential building accounted for 21.4% of the February total and amounted to \$2,854,000. Business building amounted to \$6,368,800 or 47.9%; industrial building, \$2,997,500 or 22.5%; public works and utilities, \$1,096,500 or 8.2%.

### Building Starts Off Well This Year

Building permits issued in Toronto for the first two months of 1923 total over \$3,500,000. The January and February totals of 1922, itself the record year of Toronto's history, have both been surpassed and indications are that a new building record will be established this year.

With the close of its books recently the department recorded a total of \$2,127,725 of building construction authorized during February. This is an increase of \$419,725 over the \$1,708,000 mark of February, 1922. The total for January of this year was \$1,518,919, making the total for the two months \$3,646,644.

### Timber and Water Resources of Quebec

A comprehensive treatise has been prepared by R. O. Sweezy, technical forestry engineer, on the subject "Timber Lands and Water Powers of Quebec in Relation to the Pulp and Paper Industry." Mr. Sweezy estimates the spruce, balsam and jack pine content of Quebec province at 280,000,000 cords, divided into 185,000,000 cords in the St. Lawrence Valley; 75,000,000 on the James Bay slope; and 20,000,000 in Ungava, Labrador, and Hudson's Bay. He also estimates pine at 2 3/4 billion feet; hard woods 5 billion feet; and poplar 35,000,000 cords. The pine, hard woods and poplar are all contained in the St. Lawrence and James Bay areas. After dealing with timber contents and areas, Mr. Sweezy turns to the pulp and paper industry of the province, in which connection he states that it is safe to say that the annual growth of the forests—containing 280,000,000 cords of standing pulpwood, would average 2 to 3 per cent, being approximately 5 1/2 million cords a year. The amount of pulpwood exported annually from Quebec forests is 700,000 cords. In addition there is exported to Ontario and New Brunswick from Quebec Crown forests about 300,000 cords a year, and Quebec pulp and paper mills consume 1,350,000 cords a year on a daily production of 500 tons of sulphate pulp; 800 of ground wood; 425 kraft pulp and paper; 1,300 news print paper—a total of saleable products of 3,025 tons. "Thus,"

he finds, "the province's forest supply annually 2,400,000 cords of pulpwood. Large as this quantity is, it represents less than half of what the forests can supply under scientific management. As the lumber industry consumes a large quantity of spruce and balsam there is a corresponding reduction of land available for pulp and paper. Hence it is doubtful if the present output of the latter can safely be increased to much more than 6,000 tons a day. It might be possible, however, to considerably increase the allowed annual increment of only 2 per cent. In fact, there is no doubt but that 3 per cent at least is possible but the big disturbing factors are of course improper operation and forest fires." Mr. Sweezy assumes, therefore, that there is no doubt that the industry in the provinces is bound to expand, and thus turns to the logical places where this expansion will take place. He points to the Quinze watershed, the Gatineau, the Saguenay, and the Manicouagan. He also assumes that if further expansion takes place in sulphite pulp production "it should be on the Gaspé peninsula. Shawinigan Power conditions offer facilities for further expansion at Three Rivers, but as some of the St. Maurice forests are already over-operated, any new mills at that point will have to look to the Lower St. Lawrence.

### An Important Ruling on Demurrage

A judgment of importance to shippers of freight by rail, as well as to the Canadian railways, was handed down by Mr. Justice Audette, in the Exchequer Court in the case of the King vs. Frank A. Gillis Company, of Halifax, N. S., being the first given in Canada determining the conditions under which a railway is entitled to charge demurrage. Mr. Justice Audette, in giving judgment in favor of the plaintiffs, finds that a railway is entitled to charge demurrage after a car has been available for unloading by the consignees, from a proper and reasonable team track, for a period of 48 hours. "It is not necessary thereafter for a railway company to keep the car on a team track to enable it to claim demurrage, and the consignee has no right to ask the railway company to keep his car indefinitely upon a team track, thus paralyzing the business of the railway company."

### Appeal of Lumber Company Rejected

Judgment was confirmed recently in Montreal by the Court of Appeal in the case of La Campagnie a Bois Bedard and the Eagle Lumber Company, Limited, Montreal.

The appellant sold to the respondent 2,500,000 feet of wood at \$41 per 1,000 feet, to be delivered in cars. It was agreed that payment should be made by respondent within thirty days of delivery, with a discount of two per cent. In the month of December, 1920, there was a large quantity of wood undelivered in a corner of the appellant's yard. It was piled up and neither checked nor measured. During that month appellant made a rough estimate of the quantity of wood, placing the figures at 452,910 feet. An employee of the respondent also made an estimate and it seemed that these estimates were not to be considered binding, as the lumber was to be measured when loaded in cars for shipment. Nevertheless, a bill pro forma for \$17,000 was accepted and paid by the respondent, who placed its name on all the piles of lumber.

After several shipments, appellant considered the first estimate was not exact, and submitted there was more wood in its yard than had at first been thought. Appellant said the quantity of lumber was again estimated, and then it was found there were, in the name of the respondent 200,000 feet of lumber more than had been first estimated.

Things remained in that state until June, 1921, when the appellant's saw mill and lumber in the yard were destroyed by fire. Thereupon, appellant claimed from respondent the sum of \$7,977.80, being the balance of the price of sale due if respondent was held to pay according to the estimate made by appellant. The claim was dismissed by the trial judge.

### The Largest Tree in France

In honor of its height and girth the spruce in the foreground in the cut on page 89 has been named by the French Forest officers "Le President" says A. de H. Smith, of Edmonton, Alta.

It stands in the forest of Jura, close to the Swiss frontier, and is a popular rendezvous for the citizens of the Republic, who are wont to gather there for picnics and what not, and having viewed the monarch of the mountains, shrug their shoulders and exclaim "C'est magnifique n'est pas?"

The Canadian Forestry Corps would very much like to have turned it into 3x6's for trench roads—had they done so it is very possible that Canada and France would still be at war.





## It Meets Every Northern Logging Need

In swamping out roads, toting supplies, skidding logs, or making up and hauling trains, the Northern "Caterpillar"\* Logger does all the things a machine must do to be a real success in winter logging work. Its flexible tracks enable it to climb over obstructions, cross small gullies, and operate uninterruptedly both on and off the road. It is easy to control, turns in its own length and provides the correct speed for every operation. Where heavy snowfalls bury the roads and camps, the Northern "Caterpillar"\* Logger quickly plows through the drifts and gets traffic moving. We are equipped to give immediate service on spare parts. Write today for descriptive catalog:

*\*There is but one "Caterpillar"—Holt builds it*

**CANADIAN HOLT COMPANY, Limited**

1109 St. Catherine St., W., Montreal, P.Q. Telephone Uptown 1504

*Branches and Service Stations all Over the World*

**CATERPILLAR**

Reg. U. S.

Pat. Off.

**H O L T**

**The Otis Staples Lumber Co., Ltd.**  
Wycliffe, B. C.

## Larch and Fir

Dimension

Clears

Boards

Crating

Shiplap

Box Lumber

Edge grain larch flooring a Specialty

## Western White Pine

Clears and Commons

Inquiries handled from our Eastern Office:

**1304 Bank of Hamilton Bldg., TORONTO**

Phone  
Main 5345

R. G. Chesbro,  
Manager

## EUROPEAN PLAN

Rooms 600 Baths

Headquarters in Detroit for

**Old Colony Club**  
**Detroit Automobile Club**



### DAILY RATES.

100 at \$2.50 Single	-	-	\$4.50 Double
150 " \$3.00	"	-	\$5.00 "
100 " \$4.00	"	-	\$6.00 "
50 " \$5.00	"	-	\$7.00 "
50 with Twin Beds, \$5.00 to \$7.00			
100 In Suite, \$5.00 to \$8.00, Double			
Two Floors of Agents' Sample Rooms \$5.00 per Day			

Table d'Hote Dinner, \$1.00 - \$1.50

Business Mens' Lunch 50 - 75

## HOTEL TULLER

*Under New Management.*

CAFETERIA

O. C. FROMAN, Mgr.

GRILLE





## SPRUCE, rough or dressed LATH AND SHINGLES

*We have facilities for kiln drying*

### THE EAGLE LUMBER CO. LIMITED

Head Office: 90 St. James Street, Montreal, Que.  
Mills at Mont Laurier, Que.; Hebert, Que.; Ste. Marguerite, Que.;  
and Nottaway, Que. Dressing mill at St. Jerome, Que.

Northern Office:  
MIDLAND, ONT.

Southern Office:  
HATTISBURG, MISS.

## Herman H. Hettler Lumber Co.

2601 Elston Avenue, CHICAGO, ILL.

Manufacturers and Dealer

## White Pine, Red Pine and Yellow Pine Lumber and Lath

Excellent Planing Mill Facilities. Prompt Shipments

Crating

Cedar Shingles

## Everything in Spruce

FLOORING  
SIDING  
ROUGH DIMENSION  
LATH

## Campbell, MacLaurin Lumber Co.

Limited

MONTREAL  
Board of Trade  
Building

TORONTO: 320 Roncesvalles Ave.  
C. W. McCabe, Ont. Representative  
Phone Junc. 1598W

## CANADIAN ——— HARDWOODS

complete stock of—

## BIRCH

All Thicknesses — All Grades  
Good Stocks — Prompt Shipments — Satisfaction

## C. A. SPENCER, LIMITED

205 St. James St. - - MONTREAL

## EDGINGS

The Sawn Lumber Co. Inc., Quebec, Que., has recently been granted a charter.

The Montreal Retail Lumbermen's Association has opened an office at 195 St. Catherine St. East.

A. L. Blythe, of Detroit, representing Pacific Lumber Co., of Chicago, was in Toronto recently calling upon the trade.

The lumber mills of Maurice Bertrand, Ste. Cecile de Masham, Que., was recently destroyed by fire with a loss of about \$50,000 to the owner.

George L. Gordon, of Nipigon, Ont., considers the prospects for pulpwood cutting are very bright in that section. He has taken out about 3,000 cords of pulpwood this season.

Terry, Nicholson, Cates, Limited, of Toronto, wholesale lumber dealers, have purchased the entire 1923 cut, consisting of approximately 15,000,000 feet, from Letherby & Chew, Limited, Midland, Ont.

Hon. George Gordon, of North Bay, and Mrs. Gordon are spending the month of March at Sea Breeze, Florida. A. B. Gordon, of Toronto and Mrs. Gordon are also enjoying a month's holiday in the Sunny South.

A sawmill belonging to J. B. Grant, at Temple, York County, N. B., was recently destroyed by fire. The loss is estimated at \$5,000 and there was no insurance. Mr. Grant had been operating the mill for the last fifteen years.

W. H. Cote, Lumber Co., Limited, Montreal, is a new firm with a federal charter to manufacture and market lumber and pulpwood. Capital \$50,000. Two of the incorporators are W. H. Cote of Montreal and H. Blouin of Outremont.

A charter has been granted to the Trafalgar Lumber Limited, with a capital stock of \$100,000 and head office in Oakville, to purchase, sell and deal in timber limits, water lots, water powers, etc., and to manufacture lumber, logs, pulpwood, etc.

Jenings & Bailey, of Baptiste, Ont., have installed a planer, matcher, power feed rip saw, shingle machine and lath machine in connection with their sawmill and now have the additional equipment in operation. The company expect a busy season.

Port McNeill Timber Co., Ltd., Toronto was recently granted a federal charter to manufacture and market lumber, pulpwood and other wood products. Capital stock to be 1,000 shares without par value, provided the company shall do business with a \$5,000 capital.

A report from points in the province of New Brunswick indicate that spruce logs for spring delivery are selling at \$16 a thousand, and that there is every indication of a marked improvement for pulpwood. This time last year spruce logs were bringing \$15 a thousand.

Among the lumber firms in Toronto who will, in the course of a few weeks remove their offices to the handsome new, 11-storey Federal Building, corner Richmond & Sheppard Sts., are,—Canadian General Lumber Co.; R. G. Chesbro; Leak & Company; W. Y. Lloyd; Larkin Lumber Co.; A. E. Gordon Lumber Co., and others.

J. B. Beveridge, who for several years has been managing-director of the Dryden Paper Co., Dryden, Ont., has resigned, and F. A. Sabbaton, of the Laurentide Co. Grand Mere, Que., has been appointed vice-president and managing-director. George Chahoon, president of the Laurentide Co. has been elected to the directorate.

At the annual convention of the Grand Chapter of Royal Arch Masons, which was held in Toronto recently, M. Ex. Comp. R. H. Spencer, of Trenton, was re-elected Grand Z. for another year. He has filled this exalted office with diligence and ability and has been identified with Sheppard & Gill Lumber Co., of Trenton, Ont., for many years.

Russel Bros., of Fort Frances, Ont., who are well-known manufacturers of warping tugs, have put on the market a smaller model of these boats. The latter have immense power combined with light weight and shallow draught, and are particularly useful in mill ponds for rafting and raising booms. The Alligator type of boat has been in use in the large sizes for many years and has proved most successful.

Fort William will be the site of the new paper mill which will be erected by the Great Lakes Pulp & Paper Co. The matters of the location and obtaining Hydro-electric power on a satisfactory basis have been under consideration for some time. Port Arthur, the sister city of Fort William, was also after the industry but Fort William was successful.



The many friends of Col. A. R. Kenny, of the Big Bear Lumber Co., Toronto, will sympathize with him in the loss of his mother, Mrs. T. H. Kenny, who passed away recently in Ottawa. Besides her husband she leaves a family of several sons and daughters. Mrs. Kenny had been ailing for about two months and was in her 68th year.

Given good weather conditions, the month of March should bring to Eastern Canada the largest maple sugar production in her history, as during the past much new equipment has been purchased by Eastern Townships and Southern Ontario farmers. The maple bushes of Ontario and Quebec are worth over ten million dollars a year to their owners.

Edward Norton, of Toronto, and Harry Hazen, of Tillsonburg, have joined the sales staff of the Adams River Lumber Co., of Chase, B. C., of which J. T. Todd, Toronto, is eastern manager, and have entered upon their new duties. Mr. Norton is looking after the Windsor district and Mr. Hazen is supervising the London and St. Thomas section and points East.

From Pembroke comes word that the cut in that district is about the same as last year. The volume of trade was greater and prices and profits better. Stocks at the present time are lower than a year ago and a fair trade was done throughout the whole season with the United States. The cost of production will be higher this season and the prospects are reported as good.

R. E. Coates, of Dutton, Ont., in a recent letter to the "Canada Lumberman," says that in Elgin County the amount of hardwood taken out for 1923 will be very nearly up to normal and several times larger than what was cut during last season. There is a feeling that prices will advance as far as tight credits will permit. The principal kinds of wood taken out are elm, maple, white ash, oak and basswood.

A charter has been granted to the Larkin Lumber Co., Limited, with headquarters in Toronto and a capital stock of \$100,000. The enlarged concern will take over the business now carried on by H. W. Larkin, and it is understood that its activities will be considerably increased. The Larkin Lumber Co., Limited is empowered to deal in all branches in the forest products line, and is a concern which has made rapid progress since its inception in 1919.

The Canadian Western Lumber Co., of Fraser Mills, B. C., reports sales of lumber during the month of December amounting to 8,018,898 feet as compared with 4,596,401 feet for the same month in 1921, while the price realized was \$178,925 compared with \$118,053 the previous year. The aggregate lumber sold for the twelve months of 1922 amounted to 116,869,587 feet and the price realized \$2,803,943 as compared with 85,679,969 feet sold in 1921, and the price realized \$2,237,935.

A new slasher is now in operation at Iroquois Falls, Ont., by the Abitibi Power & Paper Co. It is situated on a spur line of the pulp mill track. As the cars come over the Abitibi Railway & Navigation Company's line they are spotted opposite the slasher. The automatic stakes are tripped and the logs rolled down into the pit at the bottom of the jack ladder with a capacity for one full load. The logs are then fed on to the jack ladder in the usual way. The capacity of the slasher is 1,200 cords a day.

Word comes from Oxford County, Ont., that not in years has there been so much activity in wood-cutting as during the present season. In many districts cutters have been steadily at work since the early part of the winter and there has been a constant demand for green wood and the better class of beech and maple of stove length. The sawmills in Oxford County have also been running to capacity and more logs have been taken out for lumbering purposes than in several years.

When the Pennsylvania Retail Lumber Dealers Association held their annual convention at Pittsburg recently an estimating contest was on the programme. The prizes were \$50, \$30, and \$20. The contest was quite difficult as prices had to be taken from certain lists with changes in certain cases at a flat rate and in others at a percentage rate. The winner was \$36.84 under the correct figure which was \$4,250.28. The spread between the highest and lowest figures was \$1,133. This should explain many cases of supposed price cutting in Pennsylvania.

Eleven million acres of the forested area of Patricia, which will be tapped by the James Bay extension of the T. and N. O. Railway have been completely mapped by the Ontario Department of Lands and Forests. The information was mostly gathered by seaplanes last summer, observers sketching in the tree covered areas from aloft and later checking up the information by ground parties. The result has all the features of the standard survey method with the additional accuracy and remarkable speed which only the aircraft can supply. The entire job was accomplished in a fraction of the time formerly occupied by forest surveyors operating from the ground.

Made  
in  
Canada



**POSITIVELY  
NO FLIES OR MOSQUITOES  
when using  
"FLY TERROR"**

the only fly repellent on the market used with satisfaction by all lumbermen and bushmen.

The largest lumbering concerns are providing their men with "Fly-Terror" during the drive and they all agree to say that it is a "money saver."

Special prices for large quantities—Send your order in advance for spring delivery.

**The Fly Terror Manufacturing Regd.**  
7 Notre Dame Square, QUEBEC, P.Q.

## McNeil Lumber Co. Limited

416 St. James St., Montreal, Phone Main 996 & 1185

Manufacturers and Wholesalers  
Hard and Softwood Lumber and  
Railway Ties.

B.C. Fir and Cedar Shingles Spec-  
ialists.

## FOR SALE

5 cars  $5\frac{1}{8} \times 4$ " and wider (chiefly 4") random  
lengths

**Log Run Quebec Spruce**  
**Dry Stock**

Write or wire for quotations

**WIGHTMAN LUMBER CO., Limited**

263 St. James St. MONTREAL, CANADA.

## FOR SALE Spruce Timber

50 million feet of Spruce, 25 million feet of Hardwood and 100,000 cords of Superior Pulp. Some of the very best growing in the United States. Lands easily operated summer or winter. Mostly approached by state highways within 6 miles of railroad. Opportunity for large operations or several small.

Address,

**Robert Kent James**  
220 Washington Street  
Boston, Mass.



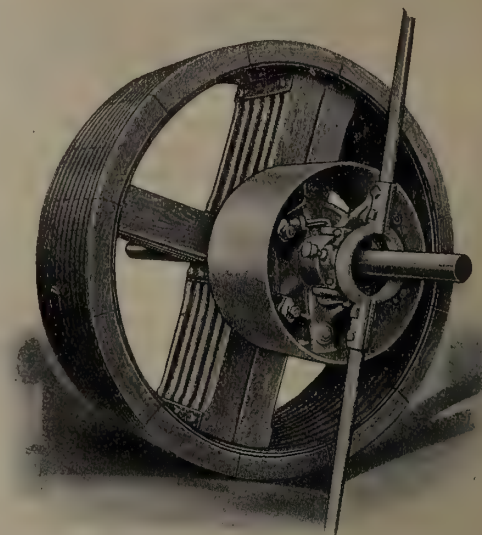
# Bernard Safety Clutches

## Combined with Woodsplit Pulleys

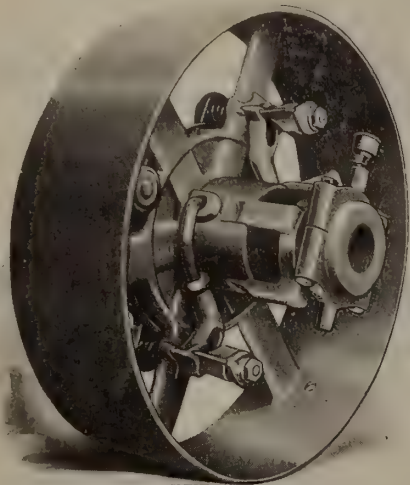
Are recognized over the world as standard for  
**SERVICE**

**EFFICIENCY**

**SAFETY**



Pulleys, made in sizes from 4 to 120 in.  
Clutches, made in sizes from 6 H.P. to 330 H.P.  
at 100 R.P.M.



Made in sizes from 10 in to 30 in. Dia.

## Bernard Friction Clutch Pulley Style C

The use of Friction Pulleys and Clutches is an insurance policy of economy and safety.

Economy, in avoiding delays by having full control of power to a full stop.

Safety, in safeguarding your employees against accidents and loss of life.

*ASK FOR OUR CATALOGUE*

**THE A. BERNARD INDUSTRIAL COMPANY**  
FORTIERVILLE, QUE.

# \$1250

F.O.B. PENETANG  
In Canada sales  
tax extra



## Get Your GIDLEYFORD Now at the New 1923 Price

"Everything you want, and nothing you don't," is an apt way of describing the GIDLEYFORD. Truly it is a sensation. And the price—which, of course, is only made possible by quantity production—has completely upset all existing standards of value in this type of boat. Length 24', Beam 5' 6".

Summer is not very far away, and when it does

come you'll wish you had a GIDLEYFORD. But we can't guarantee delivery unless you get your order in now. "A word to the wise—"

Price reduced to \$1250 F.O.B. rail or water, Penetang, Ontario. In Canada, Sales Tax extra.

We also manufacture the famous Gidley Standardized Rowing and Power Pointers, specially designed for river, lake and mill pond work.

Prices and full details promptly forwarded.

**GIDLEY BOAT COMPANY, LIMITED,**

**PENETANG, ONT.**





**T**HE best typist must use the best typewriter. ¶ For seventeen successive years the World's Championship for speed and accuracy has been won on the Underwood.

And throughout these 17 years the Underwood has averaged more than 20% greater speed and accuracy of mechanical operation than its nearest competitor.

The big item of cost in producing your typewriting, is the salary of the typist.

If you compel her to use any typewriter other than an Underwood, you handicap her to the extent of 20% of her ability.

So, if you pay her \$1,000 a year, you lose \$200—not for one year, but for every year she uses the less efficient machine.

***Have you seen the New Underwood?***

**United Typewriter Company**

LIMITED

135 Victoria St., Toronto

*And in all other Canadian Cities*



**T**HE Dalton Adding-Calculating Machine handles all kinds of commercial figure work. For example:

$948\frac{7}{8} \times 30\frac{1}{2} \text{ cts.} = \$289.41$

(Figured in 5 seconds)

43 gross 5-7/12 doz. @ \$1.25 a gr. = \$54.33

(Time required, 7 seconds)

\$479.65 less  $57\frac{1}{2} - 10 - 5 - 2\frac{1}{2} = \$169.94$

(Calculated, printed and verified in 8 seconds)

And besides the Dalton is the fastest adding-listing machine in the world. ¶ It subtracts automatically at the touch of a key. ¶ It furnishes a printed proof of every operation.

The new Super Model is four machines in one.

It is an adding machine.

It is a calculating machine.

It is a statement machine.

It is a ledger-posting machine.

Four machines in one, it need never be idle.

Send for the book.

***Dalton***

Division of

**United Typewriter Co., Limited**

*In all Canadian Cities*



Abrams Sons Ltd., John .....	1	Doty Engineering Co. Ltd. ....	108	Laidlaw Bale Tie Co. ....	21	Rideau Lumber Co. ....	21
Adams River Lumber Co. ....		Dudley, Arthur N. ....	23	Lamontagne Limited .....	115	Reed & Co. Ltd., Geo. W. ....	104
American Engine & Boiler Works .....	126	Dwyer, W. H. ....	50	Langlois & Paradis .....	116	Renfrew Lumber Co. ....	39
Anderson Lumber Co., C. G. ....	20			Larkin Co., C. A. ....		Robertson & Hackett Sawmills, Limited .....	
Anderson, Shreiner & Mawson ..	27	Eagle Lumber Co. ....	100	Larkin Lumber Co. ....	18	Rolland Lumber Co. ....	33
Apex Lumber Co. ....	19	Eastman Lumber Co. ....	36	Leigh Lumber Co. ....		Rose-McLaurin Ltd. ....	30
Associated Mills Ltd. ....	49	Eaton & Sons, J. R. ....	27	Leonard & Sons Ltd., E. ....	118	Russell Harris Lumber Co. ....	28
Atlantic Lumber Co. ....	37	Edwards & Co. Ltd., W. C. ....	40	Letherby & Chew, Ltd., ....	8		
Atkins & Co., E., C. ....	111	Elk Fire Brick Co. ....	124	Linton Lumber Co. ....	29		
Austin & Nicholson Ltd. ....	36	Elmira Machinery & Transmission Company .....	108	Loggie, W. S. ....	30	Santerre & Pineau .....	25
		Engineering & Machine Works ..	105	Lloyd, W. Y. ....	21	Savage & Bartlett .....	21
Barrand, L. S. ....		Epperson, Underwriting Co., U. S. ....	52-53	London Concrete Machinery Co.		Schroeder Mills & Timber Co. ..	2
Bartram, J. C. ....	29	Excelsior Lumber Co. ....		Long Bell Lumber Co. ....	45	Scott, Draper & Co. ....	3
Bainbridge Lumber Co. Ltd. ....				Long Lumber Co. ....	29	Sewell, Jas. W. ....	21
Bathurst Company Ltd. ....	16	Farnworth & Jardine .....	20	Long Manufacturing Co., E. ....	130	Shearer, James Co. Ltd. ....	42
Beck Mfg. Co. Ltd., The C. ....	38	Fassett Lumber Co. ....	30	Lumbermen's Indemnity Exchange .....	1	Shevlin-Clarke Co. ....	10
Bell, Geo. W. ....	20	Fesserton Timber Co. ....	5			Shimer Cutter Head .....	118
Bennett Lumber Co. Ltd. ....	44	Fleming & MacLeay .....	110	McArthur Belting Co. ....		Shull Lumber & Shingle Co. ....	48
Bernard Industrial Co., The A. ....	102	Floyd-Esbin Co. Ltd. ....	32	McCormack Lumber Co. ....		Shurly Dietrich Co. ....	
Beveridge Supply Co. Ltd. ....		Fly Terror Mfg. Co. ....	101	McClung, McLellan & Berry ..		Shurly Co. Ltd., T. F. ....	
Big Bear Lumber Co. ....	23-38	Foley Lumber Co. ....	21	McCuaig & Co., Jas. C. ....	14	Simonds Canada Saw Co. ....	54
Black Rock Lumber Co. ....		Fraser Bryson Lumber Co. Ltd. ....	14	McDonagh Lumber Co. ....	44	Smart Turner Machine Co. ....	1
Brady Machinery Co. ....	132	Fraser Companies Ltd. ....	11	McElroy Lumber Co. ....	25	Smart, Jas. ....	125
British Columbia Lumber Commissioner .....	44			McFadden Ltd., J. J. ....	12	Smith Foundry Co. ....	117
Brennen & Sons, F. W. ....	28	Gates Engineering Co. ....	114	McGovern, T. J. ....	108	Smith, N. ....	20
Burchill & Sons, Geo. ....		Gartshore, John. J. ....	1	McKinnon Columbus Chain Co. ....	65	Spanish River Lumber Co. ....	37
Burstall & Co. Ltd., J. ....	46	Gerlach Co., Peter .....	125	McLennan Lumber Co. ....	26	Spencer, C. A. ....	106
Bury & Co., Robert .....	26	Gitley Boat Co. Ltd. ....	1-102	McLaren, Limited, D. K. ....		Stack Lumber Co. ....	30
		Gillespie, Jas. ....	21	MacLean Building Reports ..		Stalker, Douglas A. ....	32
		Gillies Bros., Ltd. ....	33	MacKay Ltd., W. Malcolm ....	32	Staples Lumber Co., Otis ....	99
Cameron Lumber Co. ....	25	Goodhue & Co. Ltd., J. L. ....	105	McNeil Lumber Co. ....	101	St. Mary's Wood Specialty Co. ..	20
Campbell, MacLaurin Lumber Company .....	100	Goodday & Co., H. R. ....	31-43	Main Belting Co. of Canada ..	117	Story Lumber Co. ....	44
Canada Foundries & Forgings ..	75	Gordon & Co. Ltd., Geo. ....	10	Manufacturers' Lumber Co. ....	24	Stroud & Co., E. H. ....	117
Canadian General Lumber Co., Ltd. ....	35	Gloucester Lumber & Trading ..	19	Mason & Co., G. ....	28-34	Summers, James R. ....	20
Canadian Link-Belt Co. ....	54	Grant-Holden-Graham Ltd. ....	129	Mason, Gordon & Co. ....	17-40	Swift Canadian Co. ....	119
Canadian Lumber Co. Ltd. ....	32	Gordon Lumber Co., A. E. ....	4	Maus, Chas. O. ....	108	Sylvester Mfg. Co. Ltd. ....	
Canadian Western Lumber Co. Ltd. ....		Gravel Lumber Co. Ltd. ....	29	Mershon, Wm. B. ....			
Canada Wire & Iron Goods ....	116	Gregertson Brothers Co. ....	14	Miller Co., W. H. ....	41	Terry-Nicholson-Cates Ltd. ....	9
Canfield-Wilmot, Ltd. ....	30	Green Co., G. Walter .....	106	Montreal Locomotive Works ..	124	Thompson & Heyland Co. ....	33
Cant & Kemp .....	20	Grier & Sons, G. A. ....	13	Montreal Lumber Co. ....	20	Thurston-Flavelle Ltd. ....	19
Canadian Holt Co. ....	99	Greig-Morris Co. ....	33	Muir & Kirkpatrick .....	40	Timberland Lumber Co. ....	25
Canadian Machinery Corp. Ltd. ....	122-123	Greening Wire Co., B. ....	125	Murphy Lumber Co., Wm. J. ....	36	Timms, Phillips & Co. ....	48
Canadian Milk Products .....	129	Gutta Percha & Rubber Ltd. ....	106	Mussens, Limited .....	121	Toronto Blower Co. ....	126
Canadian Tie & Lumber Co. ....	12	Hall Bros. ....	36	Musgrave & Co. Ltd. ....		Tremblay Fire Engine Co., Ltd. ..	107
Chaleurs Bay Mills .....	22	Hamilton Co., Ltd., Wm. ....	2			Tudhope Anderson Co. Ltd. ....	
Chesbro, R. G. ....	21	Hansen, A. K. ....	46	Neville Cooper Co. ....		Turner & Sons, J. J. ....	1
Clark Bros. ....	119	Hardy & Co., E. D. ....	1	Nevison & Brooks .....	24		
Clark & Son, Edward .....	6	Harris Tie & Lumber Co. ....	31	New Ontario Colonization Co. ..	24	U. G. G. Sawmills Ltd. ....	49
Cleveland-Sarnia Sawmills Co. ....	97	Heaps & Sons Ltd. ....		Northern Pacific Logging Co. ....	48	Underhill Lumber Co. ....	23-48
Climax Manufacturing Co. ....	116	Heeney, Percy E. ....	21			United Typewriter Co. Ltd. ....	103
Coburn							



Countless fires have occurred in **MILLS** by flying sparks from unprotected Smoke Stacks. **STOP** all these dangerous sparks **NOW** by having a

**Installed on top of your mill smoke stack**

The "Thompson" is designed so that the draught is not in any way interfered with.  
Tell us the height and diameter of your smoke stack and we will quote you on a suitably sized "THOMPSON."

**Geo. W. Reed & Co. Ltd., Montreal**





# GOODHUE BELTING

For

## Saw and Planing Mills

In a Goodhue Belt you get only the best leather with the stretch taken out of it. A Goodhue Belt will always run evenly and "clings" to the pulley transmitting 100% of your power.

For the wet places in the mill we have a special waterproof leather belt—"Acme." Other Goodhue Belts are "Extra" and "Standard" recommended according to the conditions under which the belt has to run.

Goodhue Belts stretch less than any other belt by 15 to 25 per cent.

*Send for prices and particulars*

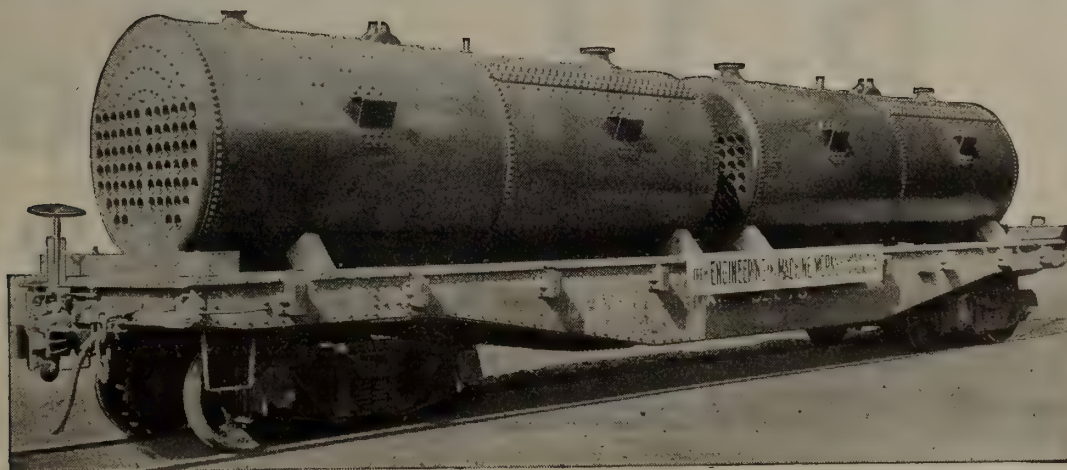
### J. L. Goodhue & Company, Limited

DANVILLE, QUEBEC

Winnipeg Agents: Bissett & Webb, End of James St. East, WINNIPEG, Man.

Vancouver Agents: Fleck Bros., Limited, 110 Alexander Street, Vancouver, B.C.

Standard Machinery and Supplies Limited, 261 Notre Dame Street West, Montreal, Que.



## When you can get a *new* 60" x 16' Boiler for \$1637

When you get a new 60" x 16' Boiler for the very moderate sum of \$1,637.00, it does seem foolish to go on "putting up" with old, shaky, obsolete, steam washers that cost more in fuel, repairs and attention than you'd like to see in plain print, doesn't it? This price in-

cludes suspension harness and columns, gives you 90 h.p., 125 lb. pressure and the Boiler is built to pass the new Interprovincial Codes. Other sizes in proportion. Here is one of the best investments you can make for 1923. Let us send you full particulars.

### Engineering & Machine Works of Canada, Limited

ST. CATHARINES, ONTARIO

*Eastern Sales Offices:*

*Hall Machinery Co., Sherbrooke, Que., and Birk's Bldg., Montreal*



# The Ideal Edger for Light Mills

## Specifications

Our new Double Edger is built on entirely new lines, and possesses many features that commend it to mill men. The saving in material alone will soon pay for the machine. The output of a mill with this machine can be increased by one-third. It is best adapted for medium-sized or portable mills that cut from 5,000 to 25,000 feet of lumber per day.

**SAWS**—This Edger is fitted with either two or three saws as required. The saws are 16 in. in diameter, and 10 in. gauge. The greatest distance between saws is:—Two saw machines, 24 in.; three saw machine, 20 in., the least distance between saws, 2 in.

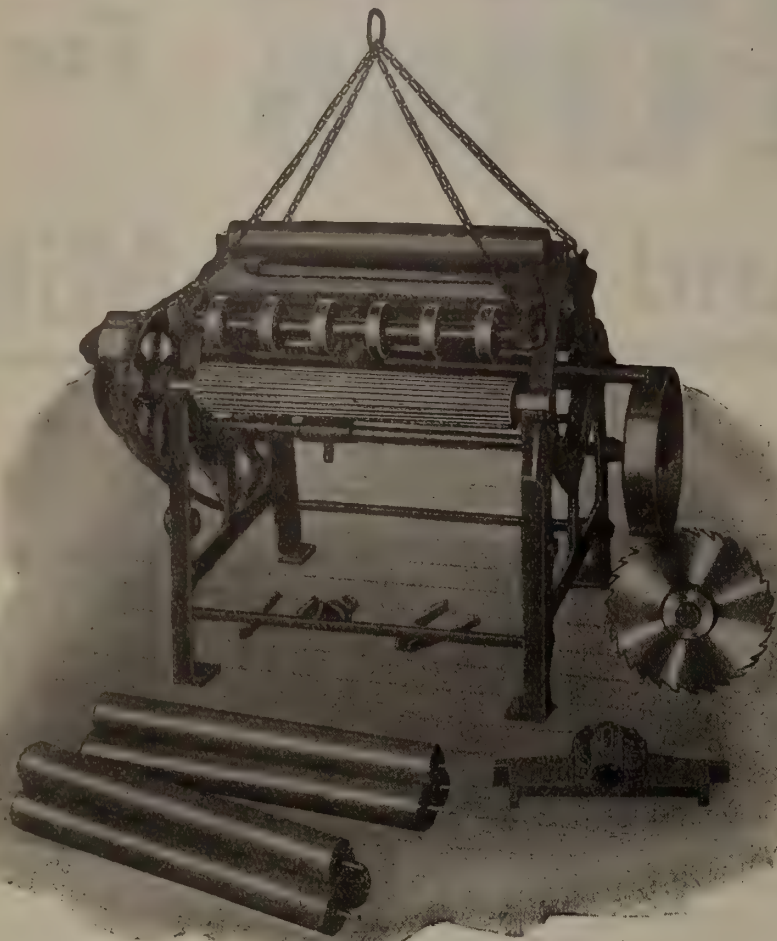
**DRIVE PULLEY**—The Drive Pulley is 9 in. x 9 in., affording a good belt grip, and is supported by an outside bearing.

**SAW ARBOR**—The Saw Arbor is made of 2½ in. steel, and has very wide bearings.

*For Shingle, Lath and Portable Saw Mill Machinery  
write the well known manufacturers*

**The G. Walter Green Co.**  
Limited  
PETERBOROUGH, ONT.

*Send for Catalogue*



# Rubber Goods FOR LUMBERMEN

**Belting** Our long experience in the making of Rubber Belts enables us to specialize on this line. "P. M. S.," "Special Drive" and "Lion" are our leading brands for power transmission.

**Packings** "Redstone" High Pressure Sheet Packing has proved by test that it will outlast any other similar packing on the market. We make Spiral and Ring Packings, etc., that are equally reliable.

**Hose** for Steam, Water, etc., in various grades, made especially to give satisfactory and economical service under different conditions.

**Fire Hose** One or more of our twenty brands of Fire Hose will be found, not only in the best equipped Factories, Mills, etc., but in almost every Fire Department in the Dominion.

**Rubber Footwear** We make a complete line of Lumbermen's boots. For over 25 years, our Maltese Cross Brand has been the leading line in Canada. Make sure you get this old dependable brand.

**Gutta Percha & Rubber Limited**

TORONTO HALIFAX MONTREAL OTTAWA HAMILTON LONDON FORT WILLIAM WINNIPEG REGINA  
SASKATOON EDMONTON CALGARY LETHBRIDGE VANCOUVER VICTORIA



# Safeguard Your Property

WITH A

## DELUGE FIRE PUMP

---

APPROVED BY THE UNDERWRITERS



**The cost of this pump will be a direct saving on account of reduction that can be obtained in insurance rates.**

**What would your loss be if fire visited your yard or mill tonight? Why take chances?**

Fire is an ever-present source of danger to the lumbermen. Unless fire fighting apparatus is at hand, the blaze will sweep through yard or mill with little chance of checking it. Protect your lumber and mills. Be prepared for the fire that may come any time, specially with the approach of the dry season.

The Deluge Fire Pump provides you with a means of extinguishing it before damage is done. This Pump is a modern fire department in compact form—a mobile machine that can be drawn by hand, horse, automobile or truck at the base of fire and is instantly ready for service.

Send for full particulars, prices and specifications. Don't wait till it's too late. Write today.

# TREMBLAY FIRE ENGINE CO., LTD.

26 Victoria Square, Montreal





## Excelsior Cutting Machinery

Manufactured By

**The Elmira Machinery  
and Transmission Co.**

Elmira, Ont.

Write for Circular and Prices



Tugs and Supply Boats of all sizes and drafts steam or gasoline power.

New and used marine engines and boilers.

Moon Turbine Generator.

Electric generators and motors.

Steering gears and towing machines.

Marine equipment of every description.

Write for our stock list or send us your enquiries.

We can probably quote you a price on your requirements that will represent a considerable saving. In addition you have the assurance that every piece of machinery that leaves our shops is in dependable working condition.

## Doty Engineering Co.

LIMITED

209 York Bldg., 146 King St. W., Toronto, Ont.

## BOOKS FOR SALE

at Special Prices

Baughman's "Buyer & Seller." The handiest labor-saving book for lumbermen ever devised. Desk size, 300 pages, \$3.50. Pocket edition, 188 pages, \$1.50.

"Climax" tally book, bound in sheep, with hand strips. Size 4¼ x 8¼, 110 pages. Price \$2.00.

"Lumber—Its Manufacture and Distribution," by Ralph Clement Bryant. Just published by John Wiley & Sons, 539 pages, 156 figures, Price \$4.50.

"Scribner's Lumber and Log Book," 1921 edition, price 75c.

"Seasoning of Wood," a Treatise of the Natural and Artificial Processes Employed in the preparation of Lumber for Manufacture, with Detailed Explanations of its Uses, Characteristics and Properties, by Joseph Wagner. Published by D. Van Nostrand Company, in 1917, 274 pages, illustrated. Price \$3.00.

"The Kiln Drying of Lumber," a Practical and Theoretical Treatise, by Harry Donald Tiemann, M.E., M.F. Published by J. B. Lippincott Co. 316 pages, illustrated. Price \$5.50.

**Canada Lumberman**

347 Adelaide Street West  
TORONTO

## SOUTHERN AND NORTHERN HARDWOODS

Red Gum (plain or quartered)	Sap Gum (plain or quarter cut.)	Oak	Ash	Maple
Birch	Southern Elm	Cottonwood	Cypress	
Tupelo	Poplar	Walnut	Mahogany	

HIGH GRADES— When you think of lumber, think of us — SERVICE

*Now is the time to buy*

**Charles O. Maus Lumber Co.**  
South Bend, Ind., U.S.A.

## For Sale

1—4 wheeled Single drum hoist suitable for loading lumber or logs.

2—72" x 18' H.R.T. boilers.

1—72" x 16' H.R.T. boiler.

2—50 h.p. locomotive type boilers.

1—20 ton 4 wheel standard gauge saddle tank locomotive.

1—28 ton 4 wheel standard gauge Saddle tank locomotive.

30 Flat cars, standard gauge.

Corliss and Slide valve engines of sizes ranging from 25 to 750 h.p.

## T. J. McGovern

Room 505 Lumsden Bldg., Toronto, Ont.



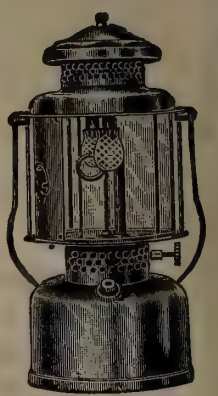
Now Used Everywhere!

### COLEMAN QUICK-LITE

Lamps and Lanterns

Sold by Commissaries, Hardware and General Stores. 300 Candle Power brilliance. Make own gas from common gasoline.

Write us, Dept. C-L1, if you can't conveniently examine them.

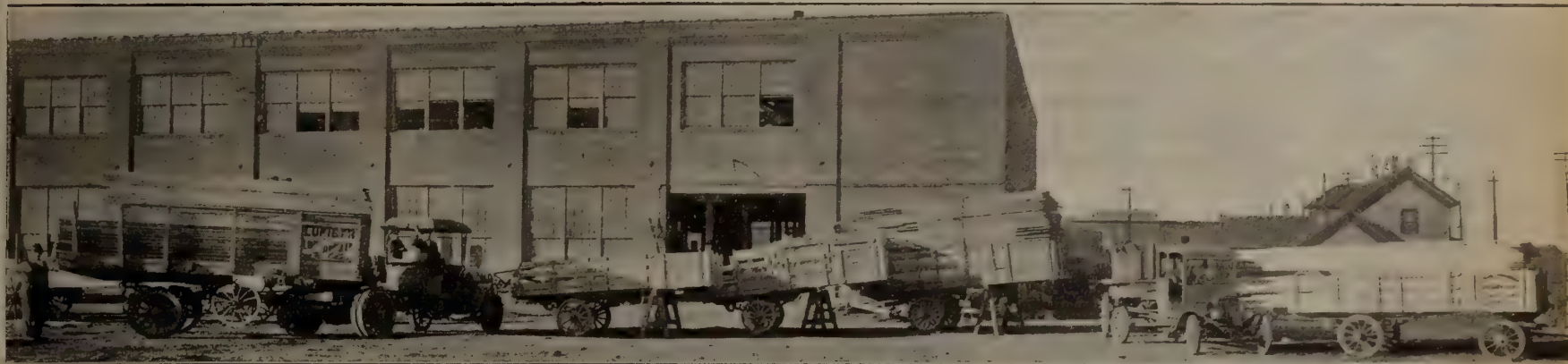


**The Coleman Lamp Company, Ltd.**

Toronto Canada



## Other Lumbermen are Saving Money---



### Why Don't You?

Hauling costs can be reduced and ARE being reduced by an increasing number of lumbermen every day—with Dominion Trailers.

There is no reason why you cannot accomplish the same results. If you will get in touch with us we shall be only too pleased to show you how your trucks can be made to double and perhaps treble their rated capacity. Write us today.

## Dominion Truck Equipment Co. Limited

TRAILERS  
TRUCK UNITS



HOISTS  
DUMP BODIES

KITCHENER, ONT.

# DAVIES

## Barrelled Pork

**Camp Beef**  
High Grade  
Fresh or Frozen  
Beef

You will find our Barrelled Pork of the highest quality and suitably packed for camp use. We offer you a service second to none, and are in a position to make prompt deliveries of Mess Pork, Short Cut Backs and Pickled Rolls. Why not make use of the Davies service and quality goods?

**Quality Meats**  
Smoked Meats  
Long Clear  
Camp Sausage

*Be sure to get our prices on bulk Pickles  
before ordering elsewhere*

THE **DAVIES** COMPANY  
WILLIAM LIMITED

Head Office TORONTO

Branches at:— MONTREAL - SYDNEY - HAMILTON



# Pink's Lumbering Tools

The Standard Tools in every province of the Dominion, New Zealand, Australia, etc.  
We manufacture all kinds of lumber tools. Light and Durable.

Long Distance Phone, No. 87

Send for Catalogue and Price List.

Sold throughout the Dominion by all Wholesale and Retail Hardware Merchants.

## The Thomas Pink Company, Limited

Manufacturers of Lumber Tools

PEMBROKE

ONTARIO

It's a Pink any-  
way you take  
it and it's the  
best Peavey  
made.



*Not altogether what we say,  
but what users say*

"We have used the Alligator or Warping Tug manufactured by you for the last 7 or 8 years, and consider them indispensable to lumbermen on waters of French River or similar streams."

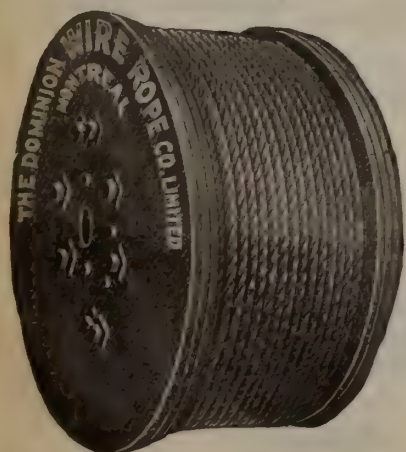
Will move a bag containing 60,000 logs,  
in calm weather, 30,000 in a head wind.

**West, Peachey & Sons Simcoe, Ont.**

## Saw Mill Machinery for Disposal from the Plants of the Davison Lumber & Manu- facturing Co., Bridgewater & Springfield, N.S.

- 1—Giddings & Lewis 8' Band Mill with Allis-Chalmers Carriage Steam Feed Cylinder 11" x 54' complete with all equipments.
  - 1—Giddings & Lewis 6' Band Mill with New Waterous Carriage Steam Feed Cylinder 9" x 48' complete with all equipment.
  - 1—Giddings & Lewis 6' Horizontal Band Resaw.
  - 2—84" Diamond Iron Works 14 Saw Edgers.
  - 1—Harmon 13 Saw Gang Trimmer with pneumatic control to each saw.
  - 1—Diamond Iron Works Gang Saw.
  - 1—Hamilton-Kendall Circular Gang Saw.
  - 1—Diamond Iron Works Five Saw Lath Bolter.
  - 1—Diamond Iron Works Four Saw Lath Machine.
  - 1—Diamond Iron Works Two Saw Adjustable Lath Butt Trimmer with power feed.
  - 1—No. 1½ Hill Steam Driven Drag Saw.
  - 1—Hill 12" x 24" Vertical Steam Driven Cord Wood Splitter.
  - 1—Appleton Belt driven horizontal cordwood splitter.
  - 1—Diamond Iron Works Heavy Type Friction Log Haul-up.
  - 1—18" x 10" x 12" Worthington Duplex Brass Fitted Underwriters Fire Pump Cap 1000 Gallons per minute.
- FILING ROOM MACHINERY AND EQUIPMENT** consisting of Band, Circular and Gang Sharpeners, Re-Toothers, Shears, Anvils, Brazing and Filing Clamps.
- STEAM DECK EQUIPMENT** consisting of Steam Niggers, Kickers, Loaders, Gang Skids.
- PLANER**—1 practically new, Yates No. 10, 30" x 10" Planer and Sizer with side Head Grinder.
- All the above for immediate disposal at low prices. Write or Wire for full particulars.

**Fleming & MacLeay, Agents**  
Bridgewater, N.S.



**Wire Rope, Special Alligator Ropes, with  
proper Attachments. Saw Carriage Ropes.  
Haulage Ropes. Wire Rope Fittings.**

IMMEDIATE SHIPMENT

## The Dominion Wire Rope Co.

LIMITED

Head Office: MONTREAL

Stocks also at: TORONTO, WINNIPEG



# ATKINS

## STERLING QUALITY SAWS

### The World Over

In every progressive sawmill, woodworking plant and furniture factory, you will find that the saw users are acquainted with the high quality of Atkins Sterling Steel Saws. They are making money for their owners by turning out work at the lowest possible price.

*It's the super quality of Sterling Steel, our exclusive formula that makes Atkins Saws supreme.*

If your mill is not using them exclusively, why not make a complete installation and profit by the service that is built into them. Send for Atkins literature, and learn why

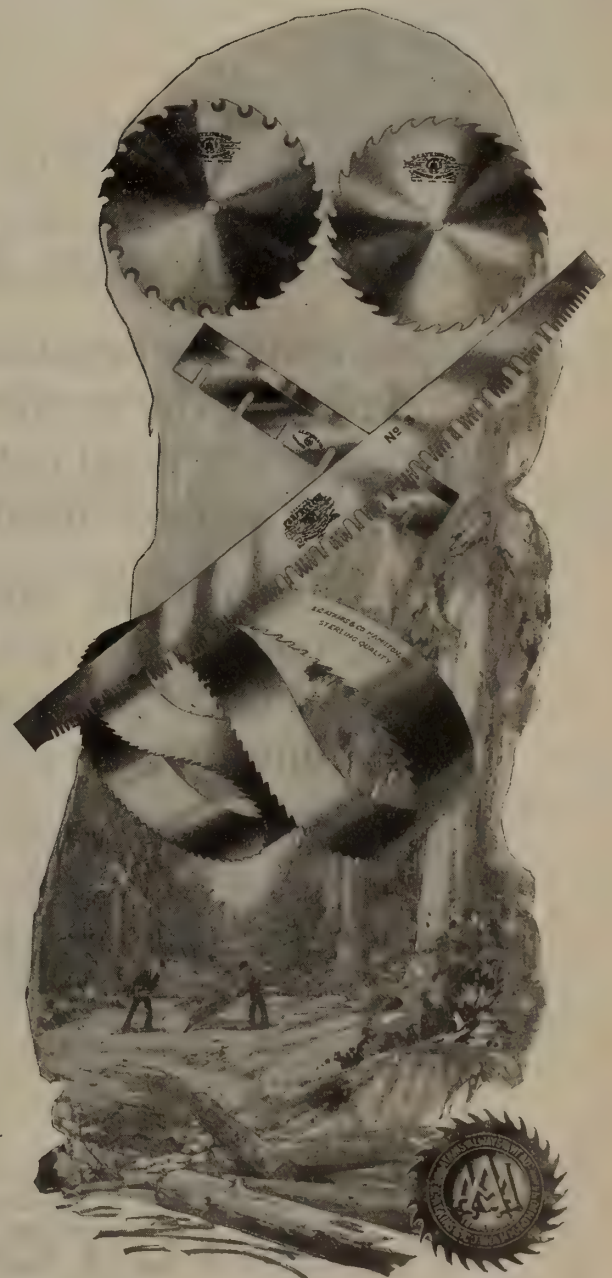
**ATKINS IS ALWAYS AHEAD**

**E. C. ATKINS & CO.**

Established 1857      The Sterling Quality Saw People

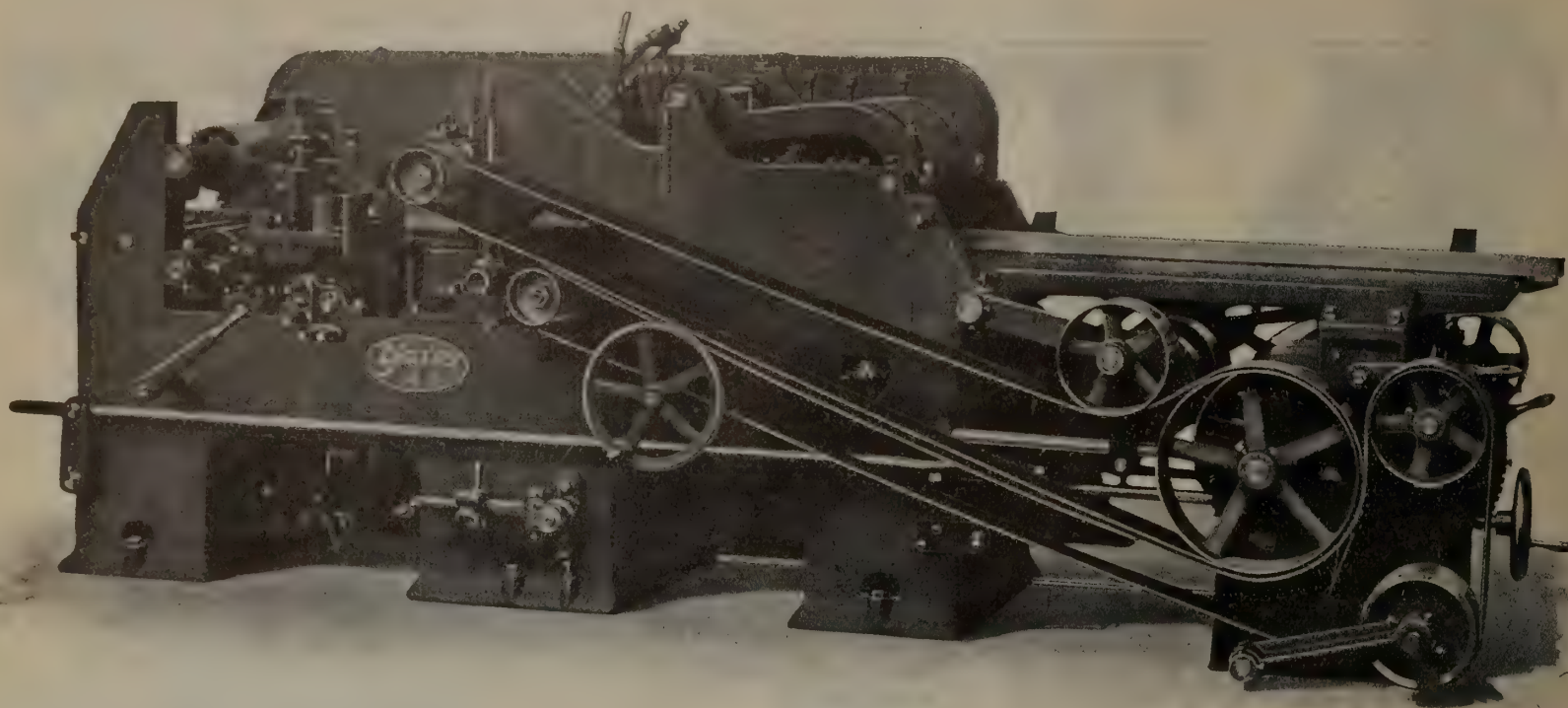
Canadian Factory, HAMILTON, Ontario

Branch carrying complete stock, VANCOUVER, B. C.



**MADE IN CANADA**





Yates Type A-1 is used extensively in mills which have considerable planing, matching and transit work. It comes nearer perfection than any other of its type.

This machine produces high grade quality of work you demand. The perfect edges on stock run through this machine are ideal for matching and jointing. Equipped with or without profiler.

All the working parts are carried upon the one piece base, built close together, easily accessible and adjustable, so that it is a compact, sturdy machine, occupying a minimum of floor space.

When you need a medium capacity Planer and Matcher, remember Yates A-1 will produce large and fine production at low costs. Complete illustrated description of this machine will be sent you upon request.

***P.B. Yates Machine Co. Ltd.***  
**HAMILTON - ONTARIO**

**EASTERN SALES OFFICE**

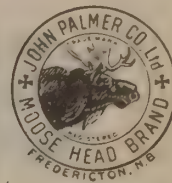
**263 ST. JAMES ST., MONTREAL, QUE.**

**WORLD'S LARGEST MANUFACTURERS OF WOODWORKING MACHINERY**





# PALMERS



## "Moose Head Brand" Oil Tanned Footwear

Gives

SATISFACTION and COMFORT to your CREW.

SATISFACTION creates EFFICIENCY.

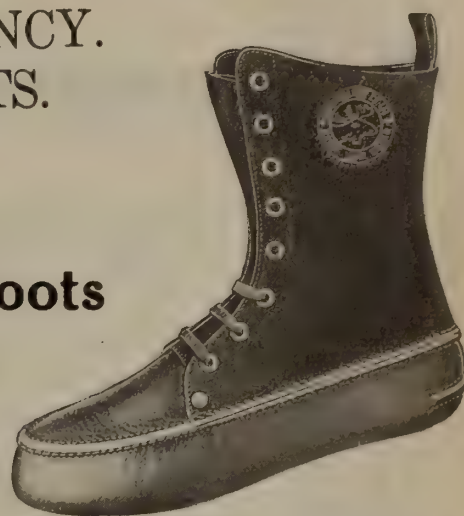
EFFICIENCY increases PROFITS.



Stock Palmer's  
Shoepacks and Loggers' Boots

**NONE BETTER**

*Direct from Factory to Dealer*



**John Palmer Company Limited**

Fredericton, N.B.,  
CANADA

## You Must Have Reliable Harness

*Why not choose Wry-Standard?*



We illustrate our No. 19 Extra Heavy Double Team Harness, for Horses 1300 lbs. and up. Brass Mounted Bridles. Rest of Mountings, Japan, Bridles, Reins, Back Pads, Girths, Hames, Tugs, Pole Straps, Collars, Breechings. Price extra with brass buckles and red Minto top hames No. 19½—Michigan Lumber Harness, same weight and dimensions as above. Price extra, with brass buckles and red Minto Top hames.

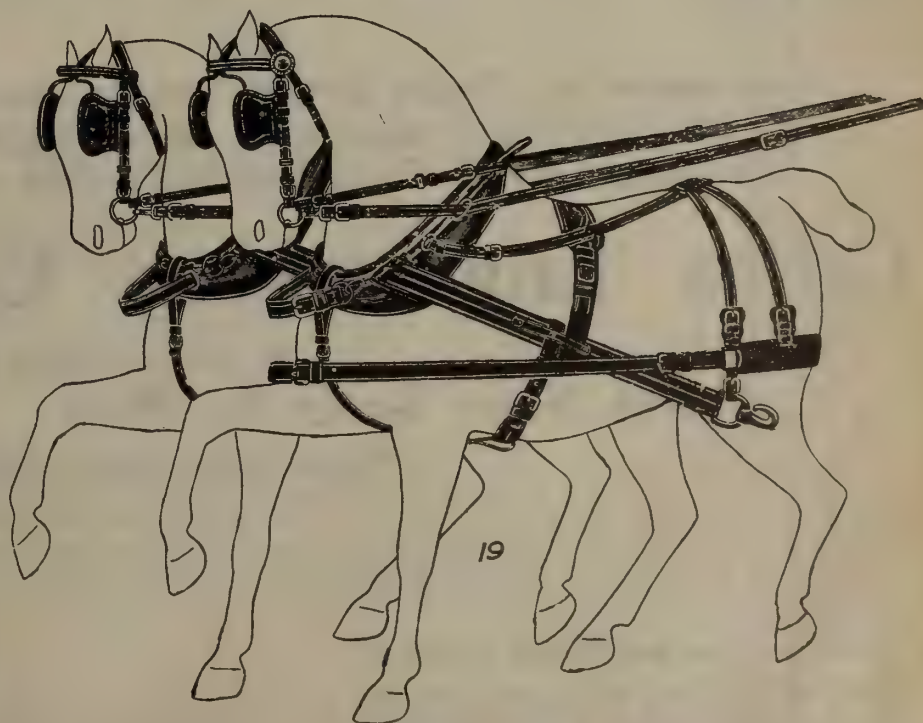
### OIL TANNED SHOEPACKS

We are the originators of the genuine oil tanned Shoepack. Every pair guaranteed and backed by a reputation of 50 years' standing.

**A. E. Wry-Standard**

Limited

Sackville, New Brunswick, Canada



No. 19 Michigan Lumber Harness

Write for our handsome catalogue giving full details and prices complete

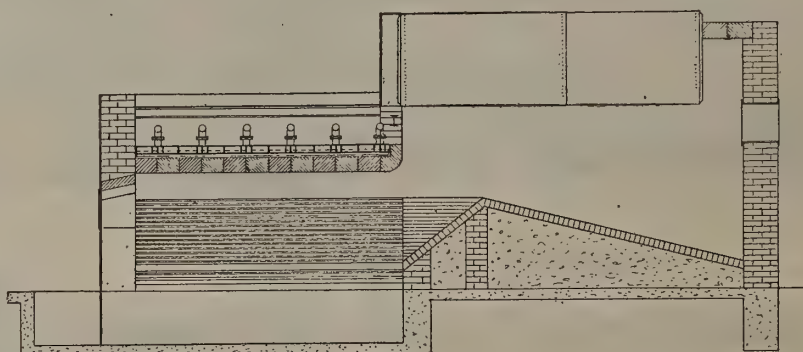


# Gates Furnace

## For Burning Sawdust and Hog Fuel

Gates Engineering Co. Ltd., 314 Notre Dame St. W.  
Montreal

*Will burn tan bark, hog fuel and sawdust efficiently, with up to 60% moisture*



Gates Air Cooled Suspended Arches

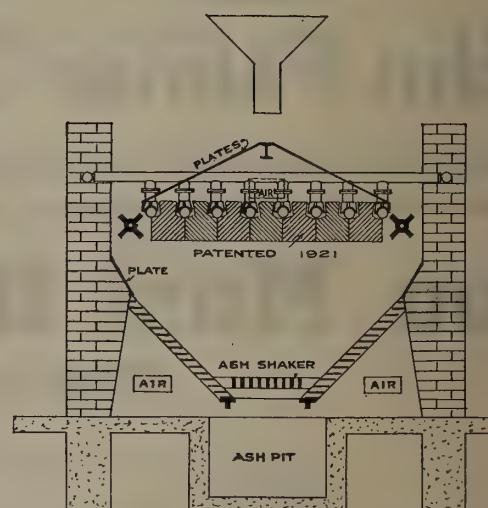
Boiler Door Arches and Jambs

The Water or Air cooled Suspension Arch, suspended over a furnace built with incline grates, to prevent the coning of sawdust and refuse material, combined with the automatic feed and drying chamber suspended directly over arch, absorbing the heat from arch roof which removes the required percentage of moisture from the material to be burned.

Note that fuel is partly dried before receiving air while passing over dry plate chamber at the lower edges, thence into combustion chamber space over the fuel bed. All ash is removed by stoking grate at the bottom of furnace.

All fuel sliding down the incline grates comes in contact with a special draft action, owing to the horizontal air spacing, through the incline grates on either side, the draft currents arrive at a focus of combustion in the centre of the furnace, causing the gases and flame to meet and roll towards the edges of dry plates, thus increasing the drying capacity, and thoroughly drying tan bark or fuel which is being burnt.

The blocks in these arches are supported independently of the other, allowing any one brick to be removed and replaced without disturbing any other portion of arch.



**We specialize in Boiler Settings and Furnace Brickwork and give the benefit of (30) thirty years' experience. Ready to go anywhere to build new Boiler Settings and overhaul and Reset old Boilers and build Furnaces.**

# Gates Engineering Company Limited

J. W. Gates, General Manager

314 Notre Dame St. West - Montreal, Can.

Phone Main 662, Melrose 367

COUPON

Send us Type and Horse Power of Boilers, and we will quote you on Furnace to suit your requirements

Name .....

Address .....

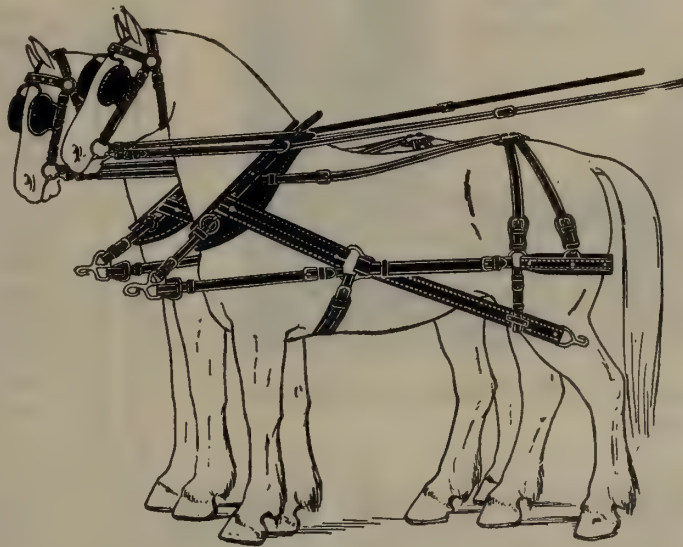




# Harness Your Horses With Alligator Brand

## LAMONTAGNE LIMITED

offer you in their Alligator Brand a harness that is manufactured with an understanding of the strain, rough wear and continuous use to which harness is subjected in lumbering operations. Only the toughest of materials and the most thorough methods are employed in its production. Alligator Brand is guaranteed to give satisfaction under the most exacting demands, and invariably proves to be the cheapest because it lasts longest. If you are not using Alligator Brand Harness, write us at our office given below and we shall be pleased to give you more information on the value of our harness to lumbermen.



## HORSE BLANKETS FOR LUMBERMEN

We make a specialty of horse blankets and can supply you at short notice. They are well-made, strong and durable.

*Lamontagne Limited.*

Headquarters: 338 Notre Dame St. W., MONTREAL

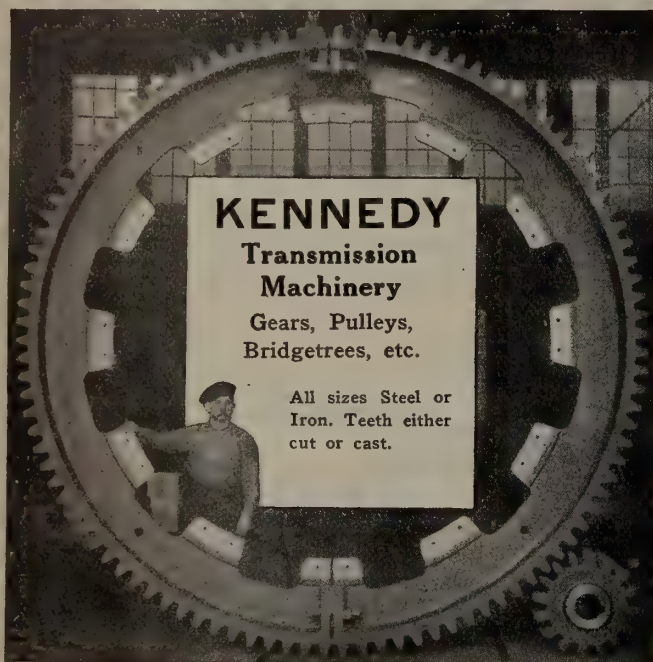


# To Purchasing Agents of Groceries and Camp Supplies

*Is our name on your Requisition List?*

## LANGLOIS & PARADIS, LTD.

19 ST. JAMES ST., QUEBEC CITY



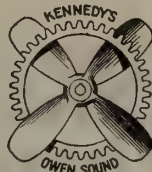
**Largest range of patterns in Canada  
to choose from.**

### The Wm. Kennedy & Sons

OWEN SOUND ONTARIO LIMITED

District Representatives  
M. B. SAUNDERS, H. C. KENNEDY,  
8 Silver Street, Cobalt 232 St. James St., Montreal.  
Phone Cobalt 153 Phone Main 394

Maritime Representative:  
C. A. Fowler, Tramway Building, Halifax, N.S.



## JOHNSON'S Veterinary Remedies

are the surest, the most economical and the best medicines with which to equip your stables. They have been on the market for thirty years and still retain their superiority over all others.

The quality never varies, it is our first consideration. Prices in effect at the present time are as follows:

Johnson's Horse Liniment No. 1	Per Gal.	\$7.00
Johnson's Horse Liniment No. 1	Quarts, Per Doz.	19.00
Johnson's Horse Liniment No. 1	Pints, Per Doz.	10.00
Johnson's Horse Colic Remedy	Per Gal.	12.50
Johnson's Horse Colic Remedy	Quarts (8 Doses each) Doz.	30.00
Johnson's Horse Colic Remedy	Pints (4 Doses each) Doz.	15.00
Johnson's Veterinary Healing Ointment (Gall Cure)		
2 lb Tins	each 2.25 Doz.	24.00
1/4 lb. Tins	Per Doz.	4.00
Johnson's Concentrated Condition Powders, 1 lb. Pkgs.	Doz.	6.50
Johnson's Condition Powder, No. 2	Doz.	3.00
Johnson's Horse Worm Powders	Pkgs. Per Doz.	8.00
Johnson's Purging Balls	Per Doz.	4.00
Johnson's Cough & Heave Powders	Per Doz.	4.50
Johnson's Antiseptic Dusting Powder		
(For Drying and Healing Sores, Proud Flesh, etc.)	Per Doz.	8.00
"Kreoline," antiseptic, deodorizing	Per Gal. Tin	1.90

Our Family and Van Remedies are as follows:—

Pine and Tar Cough Syrup	Big 4 Liniment—Mosquito Oil
Purgative Pills	X Ray Liniment
Little Liver Pills	Cholerine Mixture (Diarrhoea)
Porous Plasters	Headache Powders
Stomach Bitters	Sarsaparilla
Laxative Cold Tablets	All Healing White Ointment

All Drugs and Patent Medicines at Market Prices.

Mail orders solicited — Prompt shipments made.

### A. H. JOHNSON

WHOLESALE DRUGGIST  
Collingwood, Ontario

## CLIMAX GEARED LOCOMOTIVES

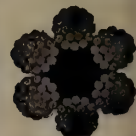
ARE BUILT FROM 12 TO 90 TONS



Get  
Catalogue  
"K"

CLIMAX MANUFACTURING Co., CORY, PA.  
CLIMAX LOCOMOTIVE CO., 67 COLUMBIA ST., SEATTLE, WASH.  
VANCOUVER MACHINERY DEPOT, LTD., VANCOUVER, B.C.

## WIRE ROPE



**"We have the Right Rope for every purpose"**

The contributing factors in making good Wire Rope are: 1. Men who know how. 2. The best grade of materials. 3. The most modern machinery. We have all three and are producing the goods. Give us a trial.

**We solicit your enquiries. Write for our catalogue.**

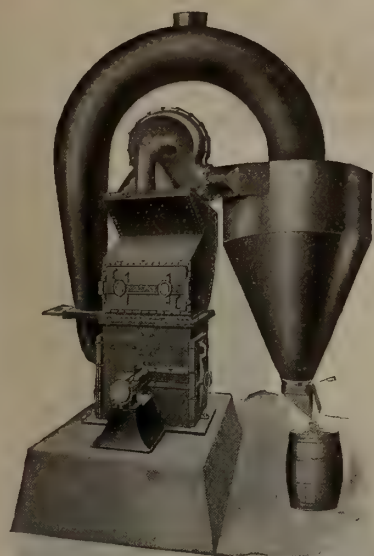
Stock carried in Montreal by J. H. HANSON CO. LTD., Agent

### Canada Wire & Iron Goods Co., Hamilton

Stock carried in Edmonton and Calgary  
N. F. Judah, McLeod Building, Edmonton, Agent



## STROUD AIR SEPARATION WOOD PULVERIZER



AN EFFICIENT METHOD  
AND  
MACHINE FOR MAKING

### WOOD FLOUR

FROM  
SAWDUST, SHAVINGS,  
PLANER CHIPS,  
AND  
OTHER WASTE WOOD  
OF  
FEED SIZE.

### A VERY PROFITABLE

DISPOSITION  
OF  
THESE PRODUCTS

OPERATES CON-  
TINUOUSLY WITH VERY  
LITTLE ATTENTION.

No bearings in the grinding chamber. No sieves or screens. Automatic lubrication. Makes Wood Flour far finer than any other known method. Made in 5 sizes.

The one machine makes any grade of Meal or Flour desired, at low cost.

## E. H. STROUD & COMPANY

*Engineers and Manufacturers*

928, 930, 932 & 934 Fullerton Ave.

Chicago, Ill.



MADE  
IN  
CANADA



No matter how modern your equipment is, if you are not using LEVIATHAN-ANACONDA Belts your plant is far from efficient.

Write for samples, prices and particulars.  
Your enquiries will be answered promptly.

Write also for "Book on Belting" which contains many useful rules and tables which you will find indispensable for your files.

*Our 1923 Calendar mailed free upon request*

## Main Belting Company of Canada

LIMITED

TORONTO

MONTREAL

W. W. Hicks Winnipeg, Man.

GORMAN'S LIMITED

Edmonton Calgary Vancouver

# HORIZONTAL SAW GRINDER

## The "BATT"

### The Latest and Best Grinder for Circular Saws

The very latest horizontal grinder, built to grind properly any kind of ordinary saw, such as:

Shingle Saw on collar Cut-off saw.

Lath Saw Rotary Saw

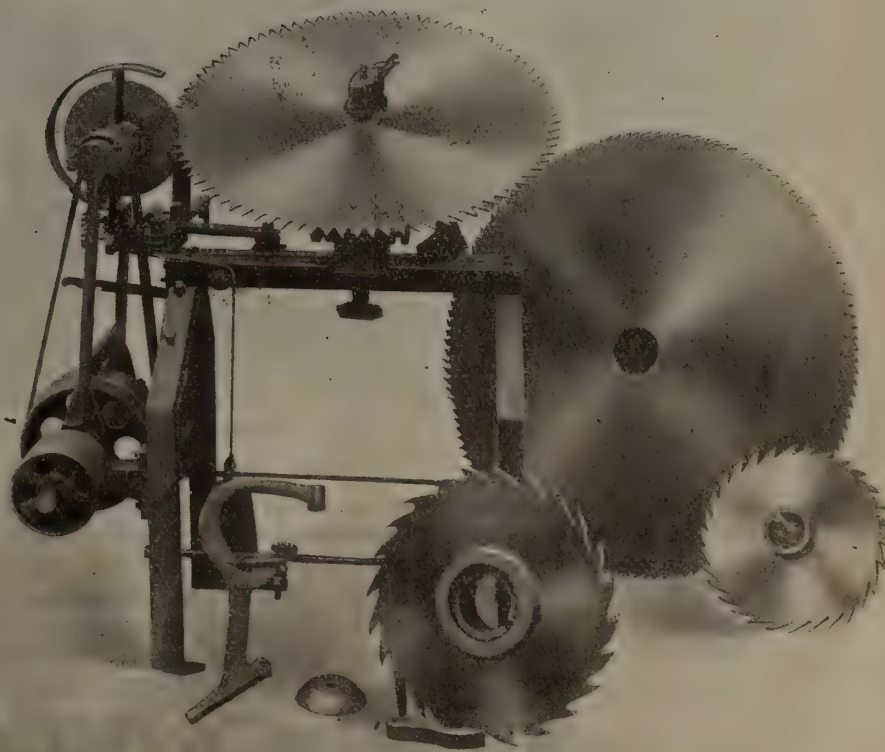
Edger Saw on collar All kinds of factory saws

The construction permits of a wide range of bevel, and a semi-automatic attachment makes all teeth the same.

The pulleys supplied allow two speeds on Emery Wheel with a variation of about 300 R.P.M.

Floor space, 3 ft. x 4 ft.

Weight, 350 lbs.



## The Smith Foundry Co., Ltd.

Fredericton, N.B.



# Shimer Products Famed Throughout the Industry

"EFFICIENCY" and "ECONOMY"—these two words tell in a nutshell, the story of Shimer success.

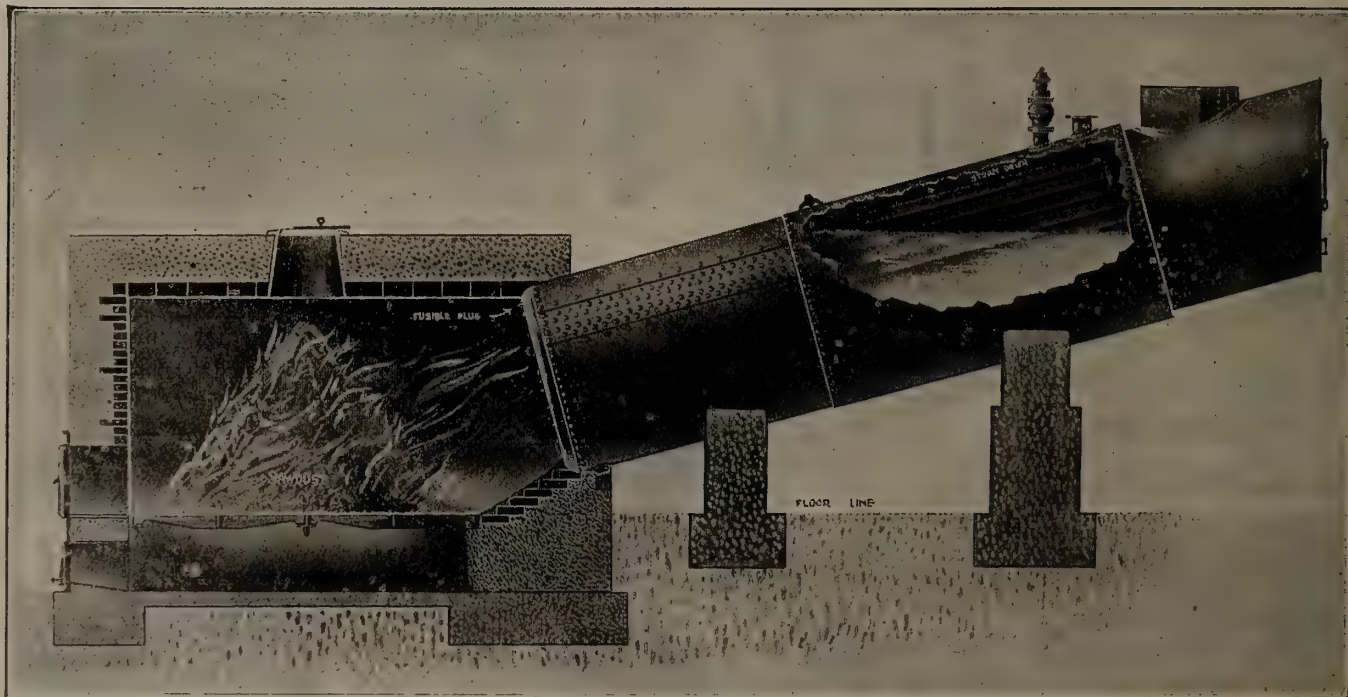
Take the Fast Feed Expansion Matcher Head (with 12 High Speed Bits) for instance, and note how this efficiency and economy is the direct result of scientifically correct construction.

The head is built heavy where the strain is greatest, and being devoid of all angles or openings, the wind resistance is lessened, and it cannot block with shavings. The straight knives are long, which assures greater service, while the circular knives can be set back and the straight knives jointed. In this way, the whole width of the straight knives can be jointed at one setting. The circular cutter is then brought to its proper position.

Let Shimer heads reduce your costs. Full details upon request



**SHIMER CUTTER HEAD CO., OF CANADA, LIMITED**  
*Manufacturers of Cutter Heads, Safety Cylinders and Grinders*  
**GALT — ONTARIO**



Safety Stayless Boiler (Patented)

## More Power Per Dollar Invested

The Safety Stayless Boiler with Dutch Oven Setting as shown above is especially suited for use in saw-mills and other places where slabs and sawdust are burnt.

The cost of bricksetting is about one half of a return tubular boiler of same horse power.

*Write for illustrated folder.*

E. Leonard & Sons, Limited — London, Canada.  
Branches and Agents from Coast to Coast  
ESTABLISHED 1834

# LEONARD



## Forget all your previous impressions of Oleomargarine--and try Swift's Premium

**Y**OUR camp is due for a pleasant surprise when it gets its first taste of Swift's Premium Brand "Oleo." And you chefs, too, will experience a satisfaction such as they have never been able to get from other brands of Margarine.

For cooking purposes, or as an economical, tasty spread for bread, Swift's Premium fills the bill to a "T".

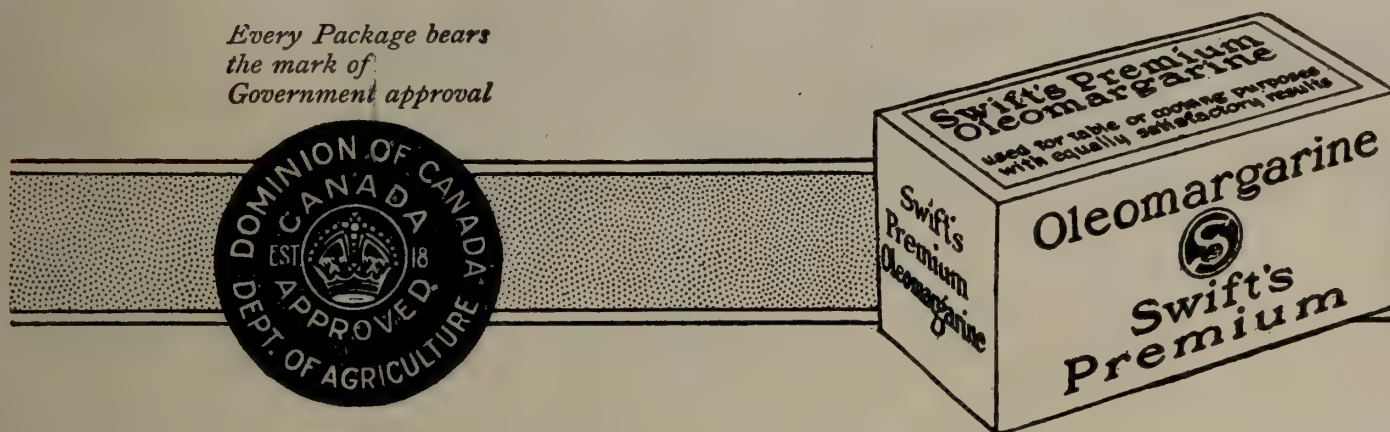
Send us a trial order now, and watch how it cuts down expenses.

### SWIFT CANADIAN CO., LIMITED

BRANCHES:—Ottawa, Montreal, Quebec, Hamilton, St. Catharines, Fort William.

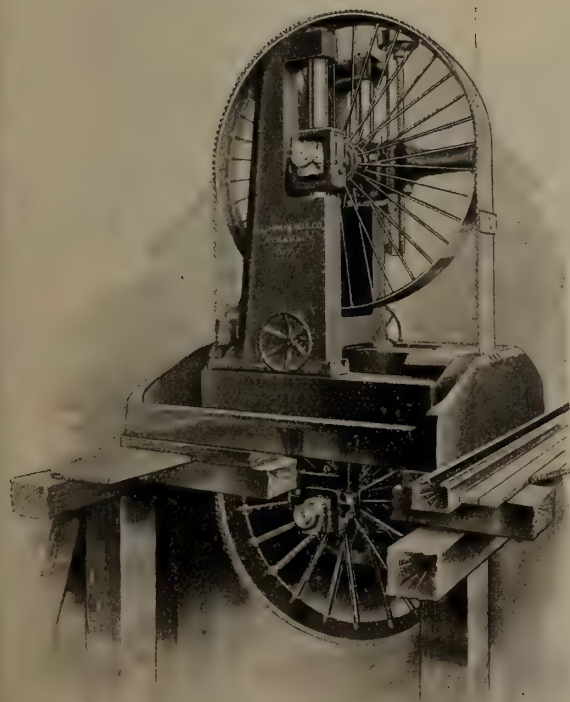
PLANTS:—Toronto, Winnipeg, Edmonton, New Westminster.

*Every Package bears  
the mark of  
Government approval*



# The Clark-Pacific Type Band Mill

**Let this Picture tell the Story!**



To the progressive Saw Mill operator this picture of the Clark Heavy Duty Pacific Type Band Mill speaks volumes for productive efficiency. The massive design, the obvious power convenience, and many exclusive features are strikingly apart. NOTE the great depth of Base, the quick opening lower guide buried in Husk, the stability of the columns, non-overhanging base, safety upper guide, wheels tilt from front or rear, tension the most sensitive and best chain or collar oiling water jacketed interchangeable boxes. No vibration, simplicity and accessibility, extra large hubs. The heaviest Band Mill built, holds all cutting records. Built in sizes of 6 to 11 ft. Once you know a "Clark" Band Mill you won't be satisfied until you own one. Catalogue will be mailed on request.

## CLARK BROS. CO.

Complete Sawmill Engineers and Builders

**OLEAN, NEW YORK**



# CANADA LUMBERMAN BUYERS' DIRECTORY

The following regulations apply to all advertisers:—Eighth page, every issue, three headings; quarter page, six headings; half page, twelve headings; full page, twenty-four headings

## ALLIGATORS

Payette Company, P.  
West, Peachy & Sons

## BABBITT METAL

General Supply Co., of Canada, Ltd.

## BALE TIES

Laidlaw Bale Tie Company

## BAND MILLS

Hamilton Company, William  
Waterous Engine Works Company  
Yates Machine Company, P. B.

## BAND SAW BLADES

Simonds Mfg., Co.

## BAND RESAWS

Mershon & Company, W. B.  
Yates Machine Co., P.B.

## BARKERS

Bertrand, F. X., La Compagnie  
Manufacturiere.  
Horton Steel Works  
Smith Foundry & Machine Co.

## BEARING METAL

Beveridge Supply Co., Ltd.

## BEDSTEADS (STEEL)

Simmons Limited

## BELT DRESSING

Dominion Belting Co.  
General Supply of Canada, Ltd.  
McLaren, D. K. Ltd.

## BELT FASTENERS

McLaren, D. K. Ltd.

## BELTING

Canadian Consolidated Rubber Co.  
Dominion Belting Co.  
General Supply Company  
Goodhue & Co., J. L.  
Gutta Percha & Rubber Company  
D. K. McLaren, Limited  
York Belting Co.

## BLOWERS

Reed & Co., Geo. W.  
Sturtevant, B. F. & Co.  
Toronto Blower Company

## BOILERS

Engineering & Machine Works of  
Canada  
Hamilton Company, William  
Waterous Engine Works Company

## BOILER PRESERVATIVE

Beveridge Supply Company

## BOX MACHINERY

Yates Machine Company, P. B.

## CABLE CONVEYORS

Engineering & Machine Works of  
Canada  
Hamilton Company, William  
Waterous Engine Works Company

## CAMP SUPPLIES

Davies, The Wm. Co., Ltd.  
Dominion Molasses Co., Ltd.  
Dr. Bell Veterinary Wonder Co.  
Howland, H. S. Sons & Co.  
Johnson, A. H.  
Swift Canadian Co., Ltd.  
Turner & Sons, J. J.  
Woods Manufacturing Co., Ltd.

## CANT HOOKS

General Supply Co., of Canada, Ltd.  
Pink & Company, Thomas

## CARS

Mussens, Ltd.

## CEDAR

Adams River Lumber Co.  
Bury & Co., Robt.  
Cameron Lumber Co.  
Canadian Western Lumber Co.  
Chesbro, R. G.  
Fesserton Timber Company  
McElroy Lumber Co., Ltd.  
Muir & Kirkpatrick  
Rose, McLaurin, Limited  
Terry-Nicholson-Cates Ltd.  
Thurston-Flayelle Lumber Co.  
Vancouver Lumber Company.  
Victoria Lumber & Mfg. Co.

## CHAINS

Canadian Link-Belt Company, Ltd.  
General Supply Co., of Canada, Ltd.  
Engineering & Machine Works of  
Canada  
Hamilton Company, William  
Pink & Company, Thomas  
Waterous Engine Works Company

## CLOTHING

Grant-Holden-Graham  
Woods Mfg. Company

## CONCRETE MIXERS

Mussens, Ltd.

## CONVEYOR MACHINERY

Canadian Link-Belt Company, Ltd.  
General Supply Co., of Canada, Ltd.  
Hamilton Company, William  
Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.  
Waterous Engine Works Company

## CORDWOOD

McClung, McLellan & Berry

## COUPLING (Shaft)

Engineering & Machine Works of  
Canada

## CRANES

Hopkins & Co., Ltd., F. H.  
International Land & Lumber Co.  
Canadian Link-Belt Company, Ltd.

## CUTTER HEADS

Shimer Cutter Head Company  
Yates Machine Co., P.B.

## CYPRESS

Maus Lumber Co., Chas. O.  
Wistar, Underhill & Nixon

## DERRICKS AND DERRICK FITTINGS

Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.

## DOORS

Canadian Western Lumber Co.  
Mason, Gordon & Co.  
Terry-Nicholson-Cates Ltd.

## DOORS, FIREPROOF

Mussens, Ltd.

## DRAG SAWS

Gerlach Company, Peter  
Hamilton Company, William

## DRY KILNS

Sturtevant, B. F. & Co.

## DUST COLLECTORS

Reed & Co., Geo. W.  
Toronto Blower Company

## EDGERS

Hamilton Company, Ltd., William  
Green Company, G. Walter  
Long Mfg. Company, E.  
Payette Company, P.  
Waterous Engine Works Company  
Yates Machine Co., P.B.

## ELEVATING AND CONVEYING MACHINERY

Canadian Link-Belt Company, Ltd.  
Engineering & Machine Works of  
Canada  
Hamilton Company, William  
Mussens, Ltd.  
Waterous Engine Works Company

## ENGINES

Engineering & Machine Works of  
Canada  
Hamilton Company, William  
Payette Company, P.  
Sylvester Manufacturing Co.  
Waterous Engine Works Company

## EXCELSIOR MACHINERY

Elmira Machinery & Transmission  
Company

## EXHAUST FANS

Sturtevant, B. F. & Co.  
Toronto Blower Company

## EXHAUST SYSTEMS

Reed & Co., Geo. W.  
Toronto Blower Company

## FURNACES

Gates Engineering Co.

## FIBRE BOARD

Manley Chew

## FILES

Disston & Sons, Henry  
Simonds Canada Saw Company

## FIR

Adams River Lumber Co.  
Apex Lumber Co.  
Associated Mills, Limited  
Bainbridge Lumber Company  
Cameron Lumber Co.  
Canadian Western Lumber Co.  
Canfield-Wilmot, Ltd.  
Chesbro, R. G.  
Fesserton Timber Co.  
Grier & Sons, Ltd., G. A.  
Knox Brothers  
Mason, Gordon & Co.  
McElroy Lumber Co., Ltd.  
Robertson & Hackett Sawmills  
Rose, McLaurin, Limited  
Terry-Nicholson-Cates Ltd.  
Timberland Lumber Company  
Timms, Phillips & Co.  
Underhill Lumber Co.  
Vancouver Lumber Company  
Vanderhoof Lumber Company  
Victoria Lumber & Mfg. Company

## FIRE BRICK

Beveridge Supply Co., Limited  
Elk Fire Brick Company of Canada

## FIRE FIGHTING APPARATUS

Waterous Engine Works Company

## FITTINGS

Crane Limited

## FLOORING

Cameron Lumber Co.  
Canfield-Wilmot, Ltd.  
Chesbro, R. G.  
Long-Bell Lumber Company  
Terry-Nicholson-Cates, Ltd.

## GEARS (Cut)

Smart-Turner Machine Company

## GUARDS (Machinery and Window)

Canada Wire & Iron Goods Co.

## HARDWOODS

Anderson Lumber Company, C. G.  
Anderson, Shreiner & Mawson  
Atlantic Lumber Company  
Black Rock Lumber Co.  
Bury & Co., Robt.  
Cameron & Company  
Clark, Edward & Sons  
Edwards & Co., W. C.  
Fassett Lumber Company, Limited  
Fesserton Timber Co.  
Gillespie, James  
Gloucester Lumber & Trading Co.  
Grier & Sons, Ltd., G. A.  
Hart, Hamilton & Jackson  
Kinnon Lumber Co.  
Long-Bell Lumber Co.  
Knox Brothers  
Mason & Company, Geo.  
Maus Lumber Co., Chas. O.  
McDonagh Lumber Company  
McLennan Lumber Company  
McNeil Lumber Co.  
McLung, McLellan & Berry  
Murphy Lumber Co., Wm. J.  
Pedwell Hardwood Lumber Co.  
W. & J. Sharples  
Spencer, Limited, C. A.  
Summers, James R.

## HARDWOOD FLOORING

Grier & Sons, Ltd., G. A.

## HARNESS

Lamontague, Ltd.

## HEMLOCK

Anderson Lumber Company, C. G.  
Anderson, Shreiner & Mawson  
Bartram & Ball  
Beck, C. Mfg. Co.  
Big Bear Lumber Co.  
Bourgouin, H.  
Canadian General Lumber Company  
Edwards & Co., W. C.  
Fesserton Timber Co.  
Grier & Sons, Ltd., G. A.  
Hocken Lumber Company  
Mason, Gordon & Company  
McCormack Lumber Company  
McDonagh Lumber Company  
McElroy Lumber Co., Ltd.  
Robertson & Hackett Sawmills  
Spencer, Limited, C. A.  
Stalker, Douglas A.  
Sutherland Lumber Co., A. A.  
Terry-Nicholson-Cates Ltd.  
Vancouver Lumber Company  
Vanderhoof Lumber Company

## HOISTING AND HAULING ENGINES

General Supply Co., of Canada, Ltd.

(Continued on page 124)





Linn Logging Tractor on operation of St. Maurice Paper Co., at St. Donat de Montcalm, Que.

# THE LINN LOGGING TRACTOR

The wonderful performances by the Linn Logging Tractors in operation on the limits of various Quebec and Ontario operations, have, so far, been witnessed by a great many interested operators.

On February 15th, an operation in the Laurentians (that of the St. Maurice-Paper-Company Limited), where two Linn Logging Tractors are operating, was visited by two representatives of an operator who has used tractors for several years and who has probably had the greatest experience in continuous tractor operation than any other Canadian operator: As a result of this visit, and the wonderful performance they witnessed, they have just placed their initial order for a Linn Logging Tractor, for immediate delivery, although they will have but twenty-five hauling days in which to use it—but with the Linn in their operation they will feel assured that they will get all their logs out.

As a result of their long tractor experience, the wonderful power and economy and reliability of the Linn is perhaps more evident than to an operator heretofore unused to Tractor haulage.

The end of the haul is fast approaching. A visit to a Linn operation will be valuable to you—and—no matter where you are operating, you have not far to travel to see a Linn in operation.

—Logging Department—

## MUSSENS LIMITED

Dubrule Building

Philips Place

Montreal





Trade Mark Registered

## WOODWORKING MACHINERY

is backed by 50 years of experience by ourselves and our predecessors in the manufacture of woodworking machinery as well as by the most experienced experts in Canada to-day.

No new design is adopted until it has passed inspection of these men as well as practical men in the field and actual users of wood tools.

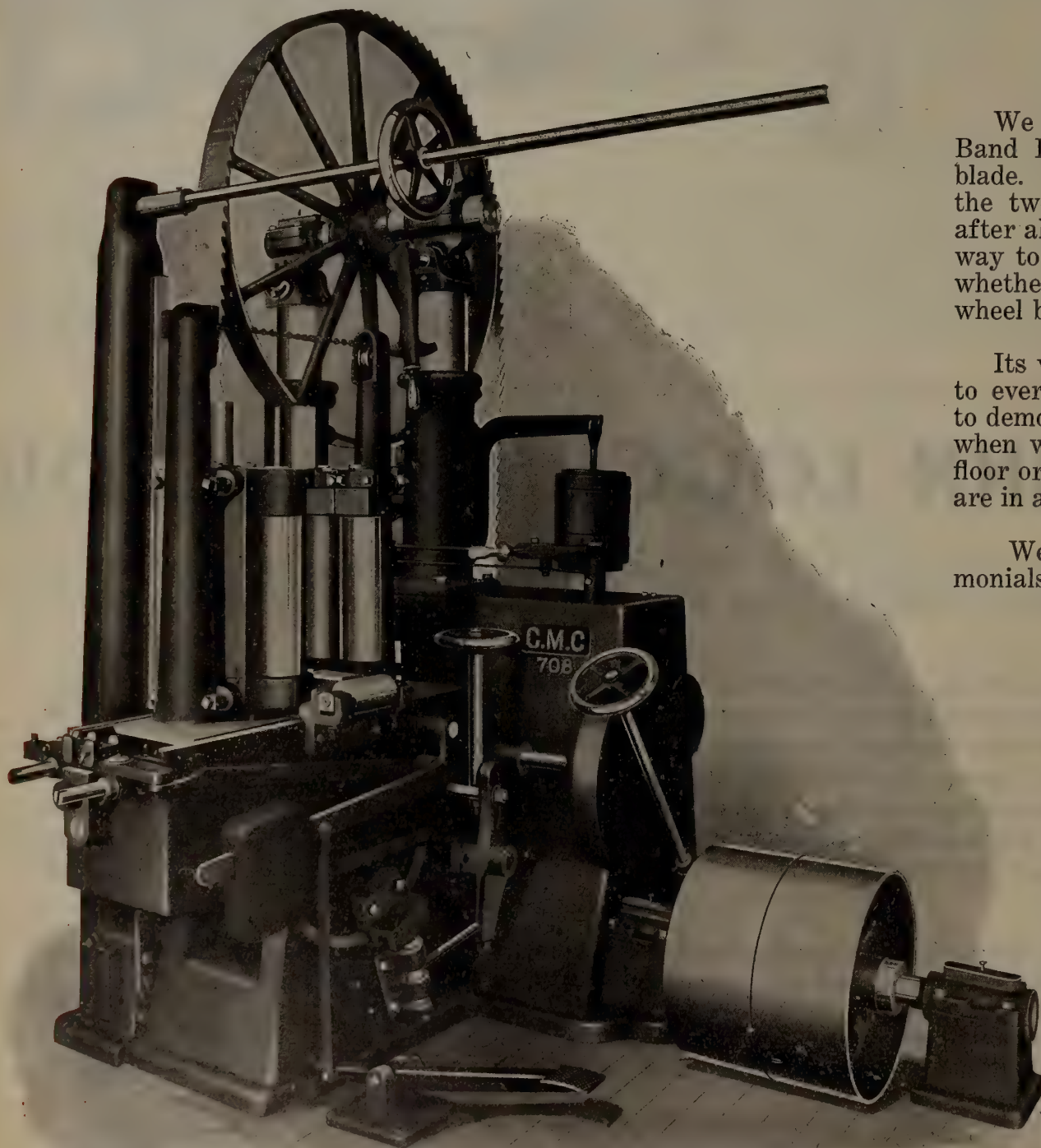
No material goes into C. M. C. machines but the best for the purpose.

No workman is employed in the manufacture of C. M. C. machines unless "he is onto his job."

No C. M. C. machine is shipped without an actual running test by experts.

No C. M. C. machine is sold but it is warranted to do the work satisfactorily that it is intended to do.

We manufacture, planers, matchers, moulders, belt sanders, revolving bed sanders, roll feed sanders, variety saws, trim saws, rip saws, self feed saws, band saws, band re-saws, jointers, wood lathes, ball bearing shapers, boring machines of all kinds, etc.



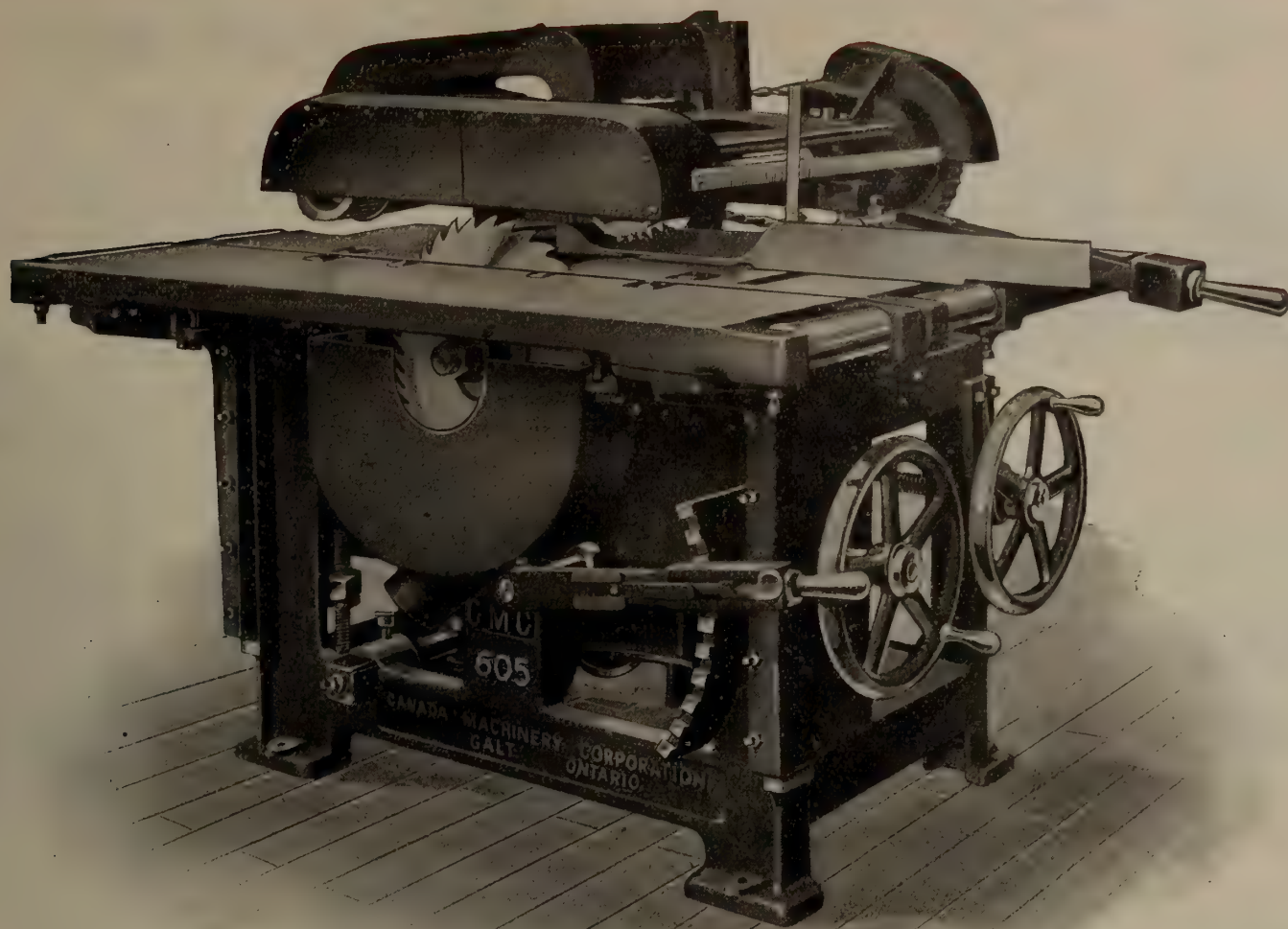
We illustrate our No. 708—48" Band Re-Saw which carries a 5" blade. You will notice that it is of the two post type. This method, after all is said or done, is the best way to support a revolving wheel whether on a Band re-saw or a wheel barrow.

Its weight and strength appeal to everyone and we are prepared to demonstrate it in our own shops when we have one on the testing floor or in many plants where they are in actual operation.

We have also many testimonials as to its merits.

The 708 is one  
of  
**"THE BETTER LINE"**





## Self Feed Saws and Strawberries

Izaak Walton speaking of strawberries said "Doubtless God could have made a better berry but doubtless he never did."

Someone could possibly make a better self feed rip saw than the C. M. C. No. 605 but doubtless he never did.

Every mill should have one good self feed rip saw or more—from the great big fellow with his private railway and dummy engine down to the little retail yard on the back street, and in all of them our 605 self feed rip saw will satisfy. It is the latest thing on the market and was designed by the man who originated every type of self feed rip saw worthy of the name in Canada—the last word. So why pay good money for out of date old busses when you can get the best in the land **without extra cost.**

There are so many points of superiority on our machine that we cannot enumerate them all here but we would be pleased to write you all about it or have the C. M. C. man call and tell you its features in detail.

# CANADA MACHINERY CORPORATION

LIMITED

GALT - ONTARIO

Manufacturers of Wood and Ironworking Machinery

Toronto Sales Office: 721 Bank of Hamilton Bldg.



Hopkins & Co., Ltd., F. H.  
London Concrete Machinery Co.  
Mussens, Ltd.

#### HOSE

General Supply Co., of Canada, Ltd.  
Gutta Percha & Rubber Company  
Mussens, Ltd.

#### INSURANCE

Hardy & Company, E. D.  
Lumberman's Indemnity Exchange  
Rankin Benedict Underwriting Co.

#### INTERIOR FINISH

Cameron Lumber Company  
Canadian Western Lumber Co.  
Canfield, P. L.  
Eagle Lumber Company  
Mason, Gordon & Co.  
Rose, McLaurin, Limited  
Terry-Nicholson-Cates, Ltd.

#### KILN DRIED LUMBER

Bury & Co., Robt.

#### KNIVES

Disston & Sons, Henry  
Simonds Canada Saw Company  
Waterous Engine Works Company

#### LAMPS AND LANTERNS

Coleman Lamp Co.  
Mussens, Ltd.

#### LARCH

Otis Staples Lumber Company

#### LATH

Adams River Lumber Co.  
Anderson, Shreiner & Mawson  
Apex Lumber Company  
Austin & Nicholson  
Beck, C. Mfg. Co.  
Brennen & Sons  
Cameron Lumber Company  
Canadian General Lumber Company  
Carew Lumber Company, John  
Chaleurs Bay Mills

Dadson, A. T.  
Eagle Lumber Company  
Fassett Lumber Company, Limited  
Foley Lumber Company  
Fraser Bryson Lumber Co., Ltd.

Gloucester Lumber & Trading Co.  
Greig Morris Ltd.  
Grier & Sons, Ltd., G. A.  
Harris Tie & Timber Company, Ltd.  
Larkin Company, C. A.  
Mason & Company, Geo.  
McLennan Lumber Company  
Miller, W. H. Company  
New Ontario Colonization Company  
Otis Staples Lumber Company  
Power Lumber Company  
Shevlin-Clarke Company  
Terry-Nicholson-Cates, Ltd.  
U. G. G. Sawmills, Limited  
Victoria Harbor Lumber Company

#### LATH BOLTERS

General Supply Co. of Canada, Ltd.  
Hamilton Company, William  
Payette & Company, P.

#### LOCOMOTIVES

Engineering & Machine Works of  
Canada  
General Supply Co. of Canada, Ltd.  
Hopkins & Co., Ltd., F. H.  
Climax Manufacturing Company  
Montreal Locomotive Works  
Mussens, Ltd.

#### LINK-BELT

Canadian Link-Belt Company  
Hamilton Company, William

#### LOCOMOTIVE CRANES

Canadian Link-Belt Company  
Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.

#### LOGGING ENGINES

Engineering & Machine Works of  
Canada

Hopkins & Co., Ltd., F. H.  
Mussens Limited

#### LOG HAULER

Engineering & Machine Works of  
Canada  
Green Company, G. Walter  
Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.  
Payette & Company, P.

#### LOGGING MACHINERY AND EQUIPMENT

Fleming & MacLeary  
General Supply Co. of Canada, Ltd.  
Hamilton Company, William  
Hopkins & Co., Ltd., F. H.  
Payette & Company, P.  
Smith Foundry Co.  
Sylvester Manufacturing Co.  
Waterous Engine Works Company  
West, Peachey & Sons  
Mussens Limited

#### LUMBER DRY KILNS

Sturtevant, B. F. & Co.

#### LUMBER EXPORTS

Fletcher Corporation

#### LUMBER TRUCKS

Hamilton Company, William  
Mussens, Ltd.  
Waterous Engine Works Company

#### LUMBERMEN'S BOATS

Adams Engine Company  
Gidley Boat Company  
West, Peachey & Sons

#### MATTRESSES

Simmons Limited

#### MILL PIPING

Neville-Cooper Co.

#### MOTORS

Sturtevant, B. F. & Co.

#### NAILING MACHINES

Yates Machine Co., P.B.

#### OAK

Long-Bell Lumber Company  
Maus Lumber Co., Chas. O.

#### PACKING

Beveridge Supply Company  
Gutta Percha & Rubber Company

#### PANELS

Bury & Company, Robt.

#### PAPER

Beveridge Supply Company

#### PINE

Adams River Lumber Co.  
Anderson Lumber Company, C. G.  
Anderson, Shreiner & Mawson  
Atlantic Lumber Company  
Austin & Nicholson  
Beck, C. Mfg. Co.  
Big Bear Lumber Co.  
Black Rock Lumber Co.  
Cameron Lumber Company  
Canadian General Lumber Company  
Canadian Western Lumber Co.  
Canfield, P. L.  
Chesbro, R. G.  
Cleveland-Sarnia Sawmills Company  
Cox, Long & Company  
Dadson, A. T.  
Dudley, Arthur N.  
Eagle Lumber Company  
Edwards & Co., W. C.  
Excelsior Lumber Company  
Fesserton Timber Co.  
Fraser Bryson Lumber Co., Ltd.  
Gillies Bros, Limited  
Gloucester Lumber & Trading Co.  
Gordon & Company, George  
Goodyday & Company, H. R.  
Greig Morris Ltd.  
Grier & Sons, Ltd., G. A.  
Harris Tie & Timber Company, Ltd.  
Hettler Lumber Co., Herman H.  
Hocken Lumber Company  
Julien, Roch  
Lloyd, W. Y.  
Loggie Company, W. S.  
Long-Bell Lumber Company  
Mason, Gordon & Co.  
Mason & Company, Geo.

(Continued on page 128)

# FIRE BRICK AND CLAY

We make several brands of fire brick by every known process of manufacture from a selection of various high grade Pennsylvania clays. This enables us to furnish the best for your boilers, dutch ovens, refuse burners, kilns, etc. We specialize in fire brick for power plants and if you will advise us whether your boilers are hand fired or stoker fired and kind of fuel used we can then give you the proper brick for your work.

We carry a large stock of our different brands in various sizes and shapes in our Hamilton warehouse which enables us to ship at once.

We manufacture the following well-known brands:

"Elkco Special," "Elk Steel,"  
"St. Marys," "Keystone" and "M.D. Elk"

Write for copy of our catalogue,

**Elk Fire Brick Co. of Canada, Ltd.**

HIGH GRADE FIRE BRICK and CLAY

**Sun Life Bldg., Hamilton, Canada**

Representatives for Maritime Provinces:

**RHODES, CURRY COMPANY, Ltd., Head Office, AMHERST, N.S.**  
Branches at Sydney and New Glasgow, N. S.



## Put your problem up to us

We are specialists in building locomotives. We build all types and sizes, also all kinds of repair parts for locomotives and tenders.

Our experience puts us in a position to give you expert advice as to what particular type and size of locomotive is best suited to your needs.

**Put Your Locomotive Problem  
up to us.**

## Montreal Locomotive Works

Limited

**Dominion Express Building, : Montreal, Canada**



# Just Swing A "444"



Feel it thud against the sturdy trunk of towering fir or stately spruce, sense the quick deep bite of the keen finely tempered cutting edge—note the perfect balance and the hand-comfort of this Smart-made axe. Then you'll understand why Four-Forty-Fours are the best liked axes in the whole of Canada.

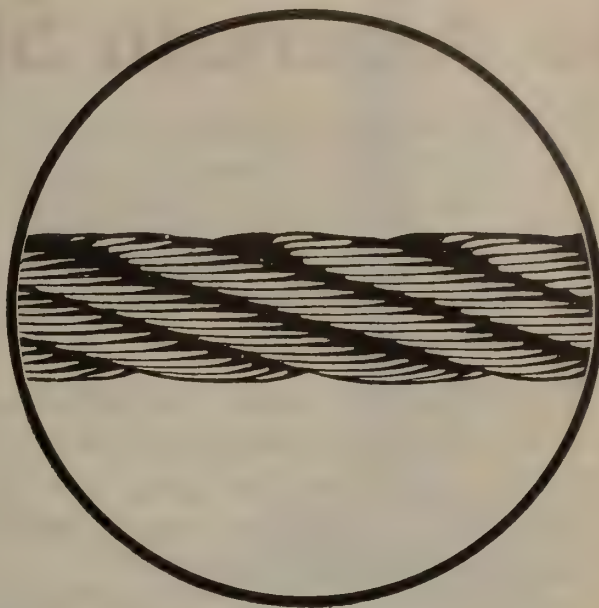
**SINGLE BIT  
DOUBLE BIT**

*Any Shape—Any Weight*

**James Smart Plant**

**Brockville, Ont.**

**TORONTO MONTREAL WINNIPEG  
VANCOUVER ST. JOHN**



## **GREENING'S WIRE ROPE**

**Its Quality Pays**

Greening's Standard Crucible Cast Steel, Best Plough Steel and Acme Steel Ropes are made from wire specially manufactured and unvarying in quality.

All the wires are carefully tested for tensile strength, elongation and tension; all material that does not conform to the highest standard is rejected. Records of tests are kept for five years and there is no possibility of inferior material entering into these ropes.

Greening's Wire Rope, as used by Canadian Industry everywhere under all conditions, is proof positive, of the fact that "quality pays."

Our data files are always at your disposal or write for catalog.

**THE B. GREENING WIRE CO., LIMITED**  
**HAMILTON, ONTARIO**  
**MONTREAL, QUE. WINNIPEG, MAN.**

*Complete stocks carried at these points*

## **Gerlach Modern Machinery Produces Cheaper and Better**

Tight and Slack Cooperage Stock for Barrels, Kegs and Tubs, ready to set up into non-leaking packages of 5 to 120 gallons liquid capacity, or for semi-liquid and dry materials up to 800 lbs. weight. We manufacture machinery for sawing, jointing, planing and crozing staves; for sawing, jointing, dowsing, planing and circling heading.

### **MODERNIZE YOUR PLANT**

Scrap Machinery invented before the Civil War and install a Gerlach Outfit that will make Tight Barrels that are tight, from any strong non-porous timber.

### **BUILD**

Barrels with perfect joints that will not leak; a product that is infinitely superior to the tin and iron near barrels now being experimented with. Wood is tasteless, stainless and rustless and being a poor conductor of heat or moisture, keeps its contents in their original condition.

### **CYLINDER SAWS RESTEELED**

### **MODERN BOXBOARD MACHINERY**

## **The Peter Gerlach Co.**

**Columbu\*, Winter and Leonard Sts.  
CLEVELAND, OHIO**





# The American Steam Steel Frame Press

**T**HIS baling machine is built in two sizes—the larger having a cylinder 30" x 45" and the smaller 26" x 45". With the larger cylinder, shavings can be baled with 60 to 80 lbs. steam or air pressure. The smaller cylinder, having less pressing surface, requires 70 to 90 lbs. pressure.

The reason we make two different size cylinders is this: where a mill operator has plenty of steam or air pressure and is not forced to save, the 26" x 45" cylinder will do the work. However, where the pressure is limited, the larger cylinder is best.

*Write us for Booklet*

explaining the American Steam Steel Frame Press—the machine that turns your shavings into cash.

## American Engine & Boiler Works Tonawanda, N.Y., U.S.A.

Manufacturers of marine, stationary and portable engines and boilers, etc. Repairing on all kinds of machinery. Acetylene and electric welding, blacksmithing, boiler and machine works, boiler pipe and fittings.



# A "By-Pass" Exhauster Pays for Itself Many Times Over

**T**HINK what a difference a "By-Pass" Exhaust System makes in your planing mill, sawmill or woodworking plant—how it improves the working conditions, increases the efficiency of machines and men, eliminates the danger of fire. It doesn't require any stretch of the imagination to see that such a system is going to pay for itself many times over.

That being the case, why not let one of our men make a survey of your plant and submit an estimate? No matter how unusual or difficult the conditions may seem, they can be solved the "By-Pass" way.

"By-Pass" exhausters will handle



the green sawdust from your saw-mill without clogging or trouble of any kind. Material does not pass through or around fan wheel. Fan is not overhung. Three bearings. No heating or shaking.

A few users:-

R. Laidlaw Lumber Co. Ltd., Toronto  
T. H. Hancock, Ltd., "  
J. B. Smith & Sons "  
Shepard & Gill Lumber Co. "  
Pembroke Shook Mills Ltd., Pembroke  
Marshay Lumber Co., Milnet, Ont.  
Bain Wagon Co., Woodstock, Ont.  
J. R. Eaton & Sons Orillia, Ont.

**TORONTO BLOWER  
COMPANY**

156 Duke St. Toronto



# Our Log Carriages

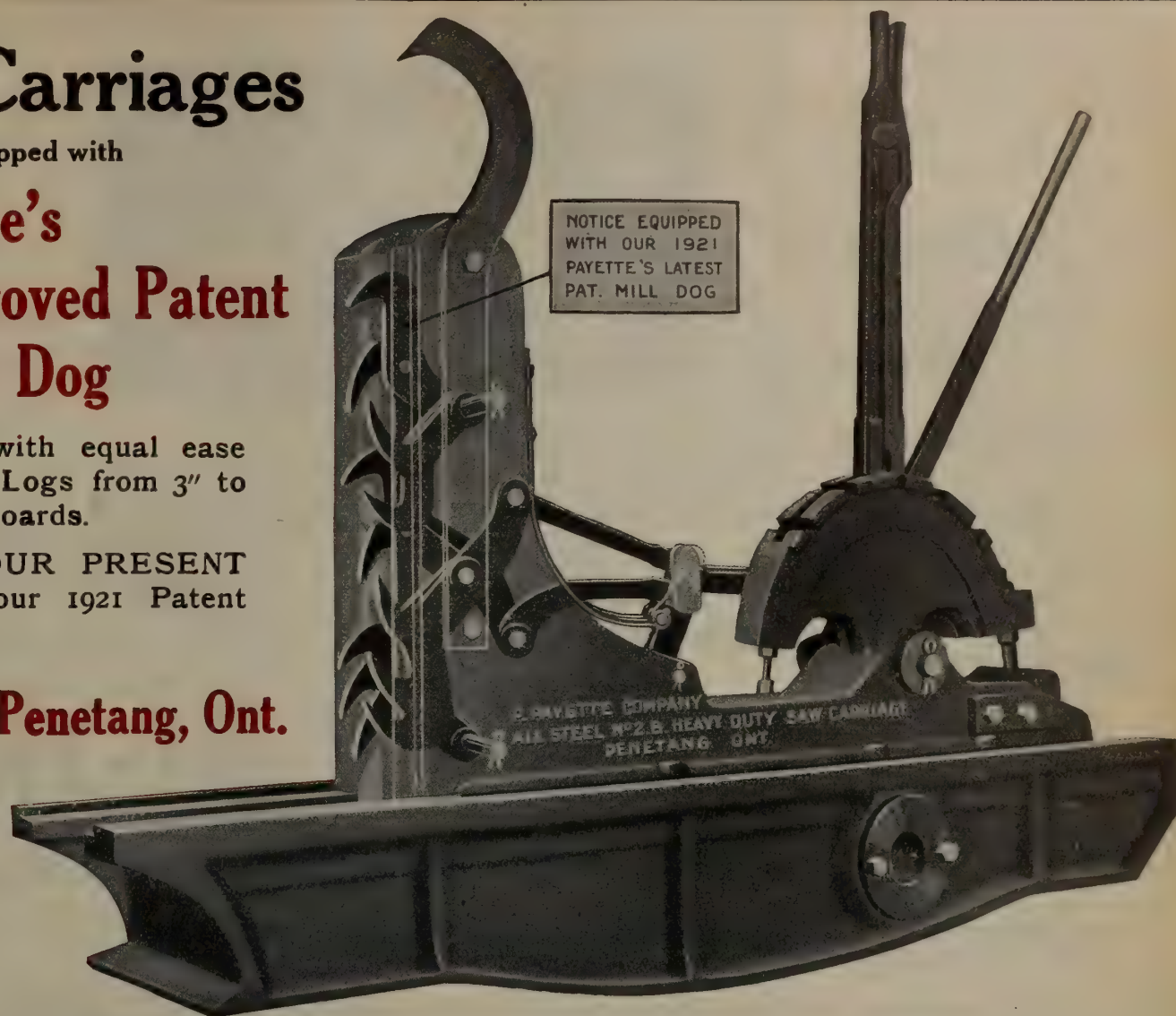
are now equipped with

## Payette's New 1921 Improved Patent Sawmill Dog

This dog handles with equal ease  
Pine or Hardwood Logs from 3" to  
48" diam. or 1" x 3" boards.

We can equip YOUR PRESENT  
CARRIAGE with our 1921 Patent  
Dog.

**P. Payette Co., Penetang, Ont.**

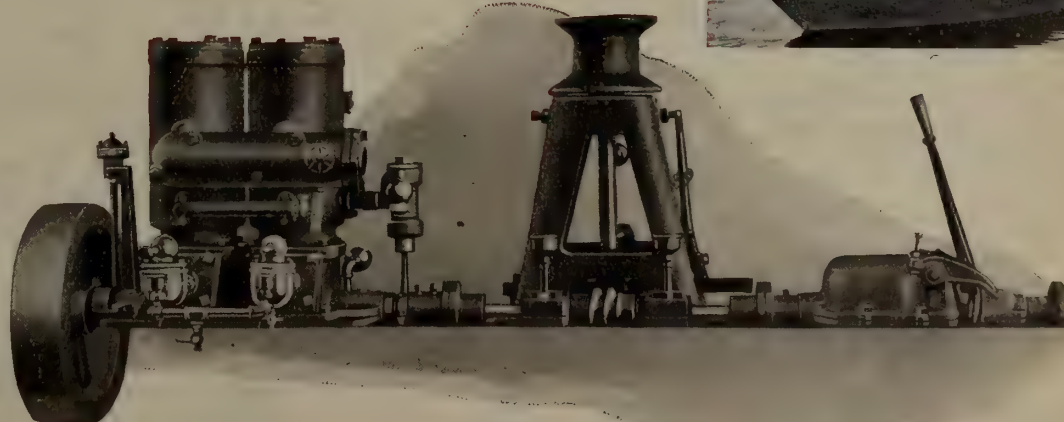


# Adams Gasoline Aligator Pointers

A big saving in time and money  
can be effected by the use of an  
Adams Pointer in your logging.

This powerful and efficient gasoline  
boat is built to give the service under  
heaviest working conditions and is  
proving its superiority over the large  
and more awkward craft and makes it  
the successful rival of alligators and  
tugs.

**Send for data and prices**



Above cut shows machinery that is installed in a 26'-6" x 6' Special Lumberman's Pointer

**Adams Engine Co., Penetang, Ont.**  
**J. T. PAYETTE, Proprietor**



McCormack Lumber Company  
McFadden, J. J.  
McLennan Lumber Company  
Montreal Lumber Company  
Muir & Kirkpatrick  
Northern Lumber Mills  
Otis Staples Lumber Company  
Parry Sound Lumber Company  
P. Q. Lumber Co.  
Rolland Lumber Company  
W. & J. Sharples  
Shevlin-Clarke Company  
Spencer, Limited, C. A.  
Stalker, Douglas A.  
Summers, James R.  
Terry-Nicholson-Cates Ltd.  
Victoria Harbor Lumber Company  
Watson & Todd, Limited

#### PLANING MILL EXHAUSTERS

Toronto Blower Company  
Sturtevant, B. F. & Co.

#### PLANING MILL FANS (Reversible)

Mussens, Ltd.

#### PLANING MILL MACHINERY

Mershon & Company, W. B.  
Toronto Blower Company  
Yates Machine Company, P. B.

#### POPLAR

Keewatin Lumber Co.

#### PORTABLE SAWMILLS

Brady Machinery Co.

#### POST GRINDERS

Smith Foundry Company

#### POSTS AND POLES

Anderson, Shreiner & Mawson  
Canadian Tie & Lumber Co.  
Eagle Lumber Company  
Harris Tie & Timber Company, Ltd.  
Long-Bell Lumber Company  
Mason, Gordon & Co.  
McLennan Lumber Company  
Terry-Nicholson-Cates Ltd.

#### PULLEYS AND SHAFTING

Bernard Industrial Co., The A.  
Canadian Link-Belt Company  
General Supply Co. of Canada, Ltd.  
Green Company, G. Walter  
Engineering & Machine Works of Canada  
Hamilton Company, William  
McLaren, D. K. Ltd.  
Williams Machinery Co., A. R.

#### PULP MILL MACHINERY

Canadian Link-Belt Company  
Engineering & Machine Works of Canada  
Hamilton Company, William  
Payette & Company, P.  
Waterous Engine Works Company  
Williams Machinery Co., A. R.

#### PULPWOOD

British & Foreign Agencies  
D'Auteuil Lumber Company  
Price Bros. & Company  
Scott, Draper & Company

#### PUMPS

Engineering & Machine Works of Canada  
General Supply Co. of Canada, Ltd.  
Hamilton Company, William  
Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.  
Smart-Turner Machine Company  
Sylvester Mfg. Co., Ltd.  
Waterous Engine Works Company

#### PLANING MILL EXHAUSTERS (Steel Plate)

Sturtevant, B. F. & Co.

#### RAILS

Gartshore, John J.  
Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.

#### ROOFINGS

(Rubber, Plastic and Liquid)  
Beveridge Supply Company  
Reed & Co., Geo. W.

#### RUBBER GOODS

Dunlop Tire & Rubber Goods Co.  
Gutta Percha & Rubber Company

#### SAWS

Atkins & Company, E. C.

Disston & Sons, Henry  
General Supply Co. of Canada, Ltd.  
Gerlach Company, Peter  
Green Company, G. Walter  
Hoe & Company, R.  
Radcliff Saw Mfg. Company  
Shurly Company, Ltd., T. F.  
Shurly-Dietrich Company  
Simonds Canada Saw Company

#### SAW GRINDERS

Smith Foundry Company

#### SAW MILL LINK-BELT

Canadian Link-Belt Company

#### SAW MILL MACHINERY

Brady Machinery Co.  
Canada Machinery Corporation  
Canadian Link-Belt Company  
Clark Bros. Co.  
General Supply Co. of Canada, Ltd.  
G. Walter Green Company, Ltd.  
Hamilton Company, William  
Long Mfg. Company, E.  
Mershon & Company, W. B.  
Parry Sound Lumber Company  
Payette & Company, P.  
Waterous Engine Works Company  
Yates Machine Company, P. B.

#### SAW SHARPENERS

Hamilton Company, William  
Waterous Engine Works Company

#### SAW SLASHERS

Hamilton Company, William  
Payette & Company, P.  
Waterous Engine Works Company

#### SHINGLES

Apex Lumber Company  
Associated Mills, Limited  
Cameron Lumber Company  
Campbell-McLaurin Lumber Co.  
Canadian Western Lumber Co.  
Carew Lumber Company, John  
Chaleurs Bay Mills  
Chesbro, R. G.  
D'Auteuil Lumber Company  
Eagle Lumber Company  
Fraser, Companies Limited  
Gillespie, James  
Gloucester Lumber & Trading Co.  
Grier & Sons, Ltd., G. A.  
Harris Tie & Timber Co., Ltd.  
Mason, Gordon & Co.  
McLennan Lumber Company  
McNeil Lumber Co.  
Miller Company, Ltd., W. H.  
Rose, McLaurin, Limited  
Stalker, Douglas A.  
Terry-Nicholson-Cates Ltd.  
Timms, Phillips & Company  
Vancouver Lumber Company  
Vanderhoof Lumber Company

#### SHINGLE & LATH MACHINERY

Green Company, C. Walter  
Hamilton Company, William  
Long Manufacturing Company, E.  
Payette & Company, P.  
Smith Foundry Company

#### SILENT CHAIN DRIVES

Canadian Link-Belt Company

#### SLEEPING EQUIPMENT

Simmons Limited

#### SLEEPING ROBES

Woods Mfg. Company, Ltd.

#### SMOKESTACKS

Hamilton Company, William  
Neville-Cooper Co.  
Reed & Co., Geo. W.  
Waterous Engine Works Company

#### SNOW PLOWS

Pink & Company, Thomas

#### SPARK ARRESTORS

Reed & Company, Geo. W.  
Waterous Engine Works Company

#### SPRUCE

Adams River Lumber Co.  
Anderson, Shreiner & Mawson  
Big Bear Lumber Co.  
Cameron Lumber Company

Campbell, McLaurin Lumber Co.  
Canadian Western Lumber Co.  
Chesbro, R. G.  
Coburn Lumber Co.  
Cox, Long & Company  
Dadson, A. T.  
Dudley Arthur N.  
Fassett Lumber Company, Ltd.  
Fraser, Companies Limited  
Fraser Bryson Lumber Co., Ltd.  
Gillies Brothers  
Gloucester Lumber & Trading Co.  
Goody & Company, H. R.  
Gravel Lumber Co.  
Greig Morris Ltd.  
Grier & Sons, Ltd G. A.  
Harris Lumber Co., Frank H.  
Hocken Lumber Company  
International Land & Lumber Co.  
Julien, Roch  
Kent James, Robt.  
Larkin Co., C. A.  
Lloyd, W. Y.  
Loggie Co., W. S.  
Mason, Gordon & Co.  
McCormack Lumber Co.  
McDonagh Lumber Co.  
McElroy Lumber Co., Ltd.  
McLennan Lumber Company  
Muir & Kirkpatrick  
New Ontario Colonization Co.  
Northern Lumber Mills  
Power Lumber Co.  
P. Q. Lumber Co.  
Rolland Lumber Co.  
Rose, McLaurin, Limited  
Spencer, Limited, C. A.  
Sutherland Lumber Co., A. A.  
Terry & Gordon  
Terry-Nicholson-Cates Ltd.  
Vanderhoof Lumber Company

#### STEAM ENGINES

Lamontague, Ltd.

#### STEAM SHOVELS

Hopkins & Co., Ltd., F. H.

#### STEEL CHAIN

Canadian Link-Belt Company  
Hopkins & Co., Ltd., F. H.  
Waterous Engine Works Company

#### STEAM PLANT ACCESSORIES

Waterous Engine Works Company

#### STEEL BARRELS

Smart-Turner Machine Company

#### STEEL DRUMS

Smart-Turner Machine Company

#### TARPAULINS

Turner & Sons, J. J.  
Woods Manufacturing Company Ltd.

#### TANKS

Hopkins & Co., Ltd., F. H.  
Horton Steel Works

#### TENTS

Turner & Sons, J. J.  
Woods Mfg. Company

#### TIES

Austin & Nicholson  
Carew Lumber Co., John  
Canadian Tie & Lumber Co.  
Chaleurs Bay Mills  
D'Auteuil Lumber Co.  
Gloucester Lumber & Trading Co.  
Harris Tie & Timber Company Ltd.  
International Land & Lumber Co.  
McLennan Lumber Company  
McNeil Lumber Co.  
Miller, W. H. Co.  
Scott, Draper & Co.  
Terry-Nicholson-Cates Ltd.

#### TIMBER BROKERS

Cant & Kemp  
Farnworth & Jardine  
Wright, Graham & Co.

#### TIMBER CRUISERS AND ESTIMATORS

Savage & Bartlett.  
Sewell, James W.

#### TIMBER LANDS

Department of Lands & Forests, Ont.

#### TOWING MACHINES

Payette & Company, P.  
West, Peachey & Sons

#### TRACTORS

Holt Manufacturing Company  
Hopkins & Co., Ltd., F. H.  
Mussens Limited

#### TRAILERS

Dominion Truck Equipment Co.  
Mussens, Ltd.  
Sylvester Manufacturing Co.

#### TRANSMISSION MACHINERY

Canadian Link-Belt Company  
Engineering & Machine Works of Canada  
General Supply Co. of Canada, Ltd.  
Grand Rapids Vapor Kiln  
Hamilton Company, William  
Kennedy, Wm. & Sons  
Waterous Engine Works Co.

#### TRUCKS

Tudhope Anderson Co.

#### TRUCK UNITS

Dominion Truck Equipment Co.

#### TURBINES

Engineering & Machine Works of Canada  
Hamilton Company, William

#### TURBO UNDERGRATE BLOWERS

Sturtevant, B. F. & Co.

#### VALVES

Crane, Limited

#### VAPOR KILNS

Grand Rapids Vapor Kiln

#### VENEERS

Bury & Co. Robt.

#### VENEER DRYERS

Coe Manufacturing Company

#### VENEER MACHINERY

Coe Manufacturing Company

#### VETERINARY REMEDIES

Dr. Bell Veterinary Wonder Co.  
Johnson, A. H.

#### WARPING TUGS

West, Peachey & Sons

#### WATER WHEELS

Engineering & Machine Works of Canada  
Hamilton Company, William

#### WIRE

Canada Metal Co.  
Laidlaw Bale Tie Company  
Canada Wire & Iron Goods Co.

#### WIRE CLOTH

Canada Wire & Iron Goods Co.

#### WIRE ROPE

Canada Wire & Iron Goods Co.  
Hopkins & Co., Ltd., F. H.  
Dominion Wire Rope Co.  
Greening Wire Co., B.  
Mussens, Ltd.

#### WOODWORKING MACHINERY

General Supply Co., of Canada, Ltd.  
Long Manufacturing Company, E.  
Mershon & Company, W. B.  
Waterous Engine Works Co.  
Yates Machine Company, P. B.

#### WOOD PRESERVATIVES

Beveridge Supply Company  
Austin & Nicholson  
New Ontario Colonization Company  
Power Lumber Co.

#### WOOD PULP

Austin & Nicholson  
New Ontario Colonization Co.  
Power Lumber Co.



## TENTS

We make all kinds and styles of Tents, Tarpaulins, Packsacks and Dunnage Bags.

In fact we can supply all Lumbermen's requirements and give satisfaction.

Write for our new complete catalogue.



## CLOTHING

G - H - G Clothing means complete satisfaction.

With our many years of experience in making clothing for Lumbermen we know their requirements in comfort and wear.

Our **DURABIL** Mackinaws are the pride of the Lumbermen.

# Grant-Holden-Graham

*Manufacturing Wholesalers and Importers*

Limited

Ottawa

147-151 Albert Street

Canada

## You need haul only 10% to 15% by weight of the milk you use in camp

**O**N THE haul from the railroad to camp you'll appreciate the fact that Canadian Milk Products Powdered Milk weighs only a fraction of its equivalent in liquid or prepared milk. In fact it weighs but 10% to 15% of fresh liquid milk—for it is fresh milk with all the water, which constitutes over 85% in weight, taken out.

You'll appreciate Canadian Milk Products Powdered Milk a lot more when you use it in camp. It won't freeze or sour, is easy to store and convenient to handle. And you drink it or cook with it exactly as you would fresh liquid milk.

*Samples and information gladly sent on request.*



### TRUMILK

Powdered whole milk. Packed in 45 and 90 lb. drums. Order direct from us.

### KLIM

(Hotel size)  
Powdered skimmed milk. In 10 lb. cans. Order from your jobber.

### MILKSTOCK

Powdered skimmed milk. Packed in 50 and 100 lb. drums. Order from your jobber or direct from us.

### CANADIAN MILK PRODUCTS LIMITED

347 Adelaide St. W., Toronto, Ont.

319 Craig Street, W.  
Montreal, Que.

423 Main Street  
Winnipeg, Man.

British Columbia Distributors: Kirkland & Rose, 130 Water Street, Vancouver

MILKSTOCK—Order from your jobber or direct from us.  
TRUMILK—Order direct from us.



# A Complete and Modern BAND MILL

The many little improvements and refinements which are evident in this Band Mill show that the lumberman's requirements have been kept constantly in mind. They are consistent with our policy of offering to the industry the most modern and efficient equipment practical experts can advise. It is this policy which has kept the name "LONG" in the van of new developments and made it a guarantee of all that is best in sawmill machinery.

## THE "LONG" BAND MILL

Columns of full hollow box section, joined at the bottom. Very sensitive, floating tension. Tension mechanism fully enclosed—easily accessible.

Guides swing on centre line of saw. Blocks adjustable in all directions. Quick opening, non-breakable pattern. Upper and lower bearings the same size and interchangeable. Chain oiling, water cooled, adjustable in all directions.

Protected steam cylinder to operate upper guide.

Dake engine to handle upper wheel.

## "LONG" LUMBER EQUIPMENT

Saw Frames  
Band and Circular Resaws  
Slashers  
Shingle Machinery  
Trimmers  
Transmission Machinery  
Edgers  
Lath Bolters  
Lath Machines  
Lath Binders and Trimmers  
Log Kicker  
Log Loaders, Steam  
Log Turners

**Catalogue  
on Request**

**Write for  
It Today**



**The E. Long Manufacturing Co., Limited**  
Orillia Canada

A. R. Williams Machinery Co.,  
Vancouver and Winnipeg



Gormans, Ltd. Calgary and Edmonton  
Williams & Wilson, Ltd., Montreal



# Let Steam do Your Setting

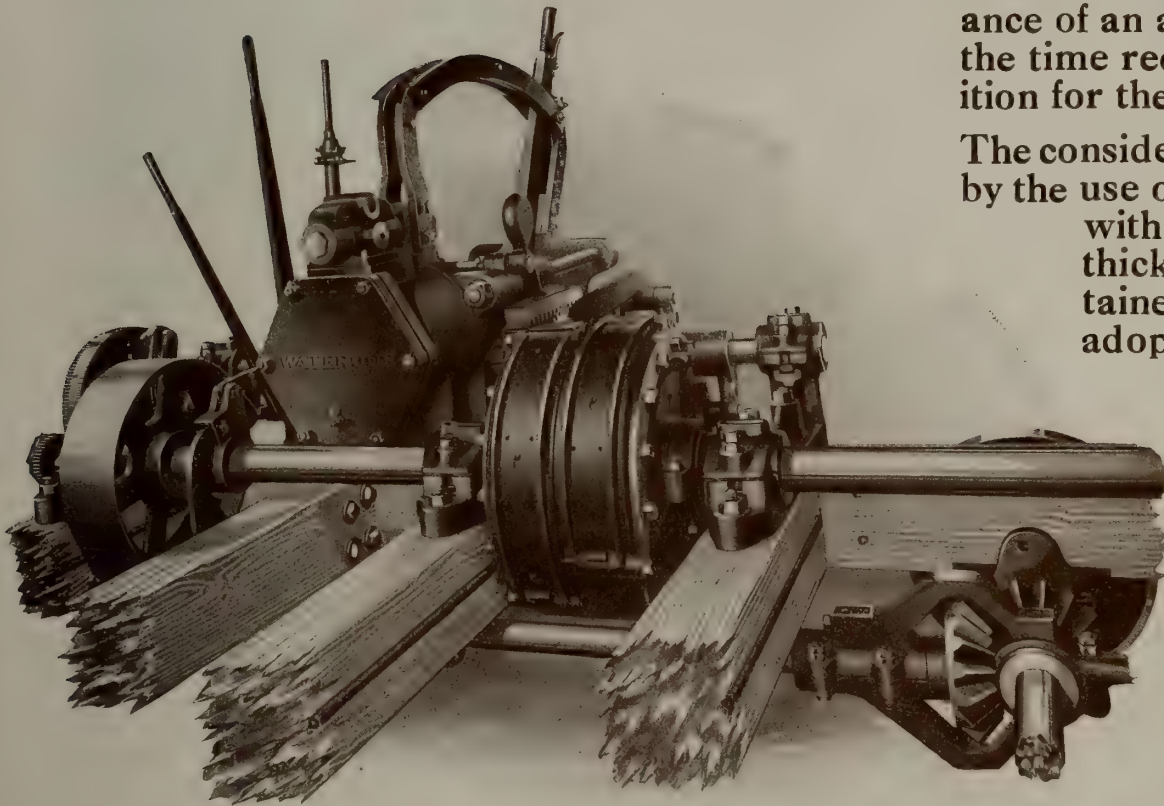
The hardest worked employee in the ordinary Saw Mill is the setter. The handling of large logs calls for great muscular effort on his part, while his work on the smaller logs is almost equally laborious, as he has to put through a much larger number of them.

Every cut makes necessary a new adjustment of the log, which, in the absence of our Steam Set Works, is accomplished by a long throw of the hand lever. Before the end of his day's labor, the setter is usually exhausted. In many mills, the setter, because of the fatiguing nature of his duties, is not required to work for as many hours per day as the other employees.

All this is changed by our Steam Set Works, making the labor of the setter so much less arduous that he can do a full day's work. He is also enabled to set logs more quickly, thus increasing the number of cuts that can be made in a given time; and the lumber produced is materially improved in quality and regularity. Instead of the sawyer being kept waiting for the setter—the usual condition in ordinary saw mills—the reverse is true, and the setter is usually waiting for the sawyer.

It goes without saying that the main purpose of a sawmill is to produce as much good lumber as possible, at a minimum cost. As the cutting capacity of the mill depends mainly on the speed with which the logs are handled, the importance of an appliance which will shorten the time required to move logs into position for the next cut, is apparent.

The considerable saving of time effected by the use of these Set Works, together with the greater exactness in the thickness of the lumber thus obtained, accounts for the rapid adoption of this machine by mill men.



WHY NOT WRITE FOR  
INFORMATION NOW?

# Waterous

BRANTFORD, ONTARIO, CANADA

MOLSONS BANK BUILDING, VANCOUVER, B.C.

WINNIPEG, MANITOBA



# EXTRA



*Cadillac*  
404  
PATENTED

## A Portable Sawmill—

Has Power Knees and Dogs.

The Greatest Capacity of any mill on earth.

Operated by one man.

Requires no additional power.

**T**HIS Portable Sawmill is designed especially to handle short logs, veneer cores, etc., working them up into good marketable stock, railroad ties, box lumber, dimension stock, cooperage stock, etc.

To insure reasonable deliveries we are putting forth maximum efforts towards increased production. Let us have your enquiries now.

## BRADY MACHINERY COMPANY

Traverse City, Mich.



Cadillac, Mich.

Manufacturers of  
Portable Sawmill Machinery

General Offices:  
Traverse City, Mich.  
U. S. A.

Machine Shops and Foundries:  
Cadillac, Mich.  
U. S. A.



# Canada Lumberman

Founded 1880

**NEW AND USED  
MACHINERY  
H.W. PETRIE, LTD.  
TORONTO**

## FIRE INSURANCE

Unequalled Facilities  
Protection + Service + Saving  
TO  
Lumbermen

**E. D. HARDY & CO.**  
BOOTH BLDG: OTTAWA, ONT.

## There's Real Economy in Arrow Head Saws

MADE  
IN  
CANADA

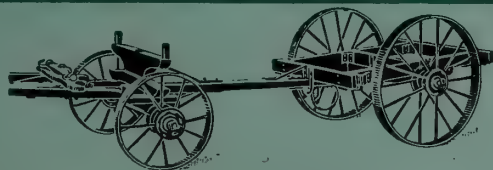


The use of Arrow Head Saws represents real economy because Arrow Head Saws are made of the highest grade Vanadium Steel, their quality and manufacture ensure perfect satisfaction at all carefully treated to facilitate cutting and lengthen their life. We also make a full line of wood-cutting saws.

Prices and full information upon request.

**T. F. SHURLY CO., LIMITED ST. CATHARINES, ONT.**

*Here it is!*



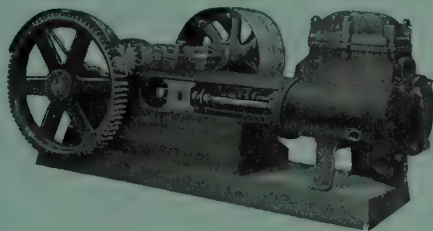
### The Handiest Lumber Truck Ever Made

Just what you need for the lumber yard—a TUDHOPE-ANDERSON DETACHABLE LUMBER TRUCK.

Note these features: The wide-tired steel wheels cannot come off whether going forward or back. Axles (1 3/4") are high quality square steel. Tires are 4 1/2" wide. If wheel spokes become bent or broken they can be replaced—an exclusive feature of Tudhope-Anderson trucks. Wood parts are best oak, air seasoned and kiln dried, well ironed and strongly braced.

Get our prices.

**Tudhope-Anderson Co., Ltd., Orillia, Ont.**



For Long Service  
and  
Minimum Repair Bills

### Try Smart-Turner Pumps

**The Smart-Turner Machine Company, Limited**  
Hamilton, Canada

### Quantity Production Lowers Manufacturing Costs

The demand for a medium priced—high-class motor boat has resulted in GIDLEYFORD sales far in excess of expectations. The Gidley organization is able to concentrate on quantity production on an unheard of scale, with the logical result—lower production costs.

This enables us to sell the GIDLEYFORD at a greatly reduced price, and we will maintain the quality that is represented by the combined names of Gidley and Ford.

GIDLEYFORDS will be allocated as orders are received and shipping dates arranged.

Price reduced to \$1250. F.O.B. rail or water, Penetang, Ontario. In Canada, Sales Tax extra.

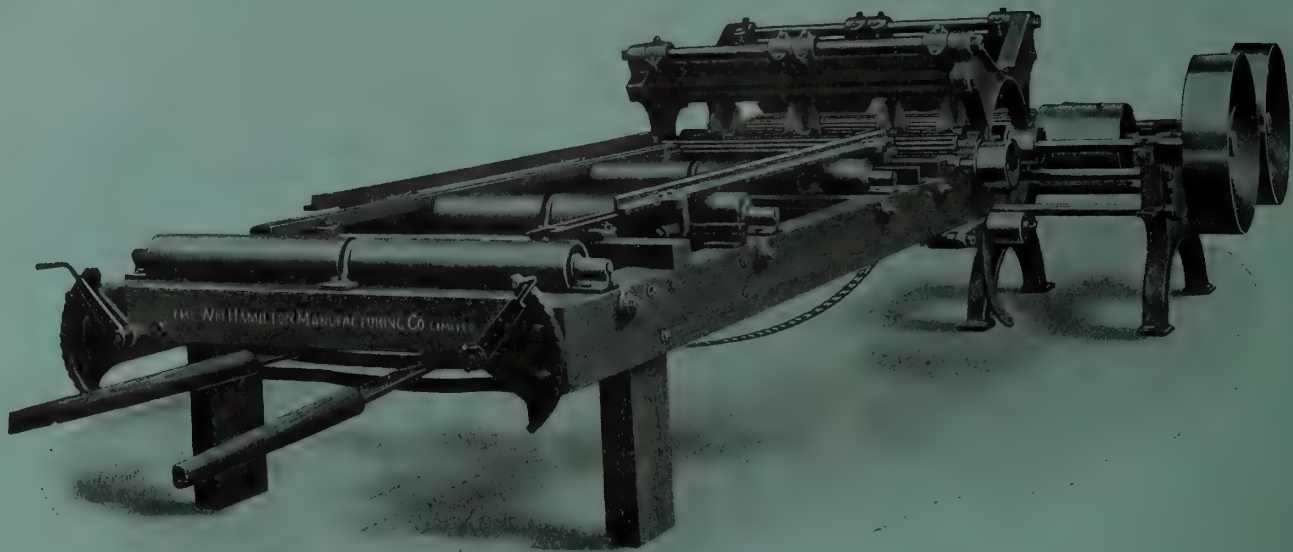
**1923 Price—\$1250**

**GIDLEY BOAT COMPANY, LIMITED, PENETANG, ONTARIO**





# "HAMILTON" EDGERS



## Dependable Accurate Saw Mill Machinery

*Used In  
Scores Of  
Mills All  
Over Canada*

**L**EADERSHIP, after all, ascends to the fittest. Economy, service and value are the qualities which count.

The "Hamilton" imprint has been known for years as a sufficient testimonial for these merits.

"Hamilton" Garland Gang Edgers are especially recognized for their worth. They are strong, accurate and easily operated, made in all widths with necessary number of saws to suit requirements.

Let us get together when you are in need of anything for the sawmill.

*We manufacture a complete line of sawmill machinery for either band or circular mills.*

**William Hamilton Co., Limited**  
Peterboro, Ontario

Agent—J. L. NEILSON & CO. - Winnipeg, Man.

E. G. Blackwell, 65 Davis Chambers, Vancouver, B.C.



# Knox Brothers, Limited

HEAD OFFICE: 512-513 Drummond Building, Montreal, Que.



Felling a fir tree 51' in circumference, measured 4' from the ground, from the undercut to the ground is 10'

***We are Specialists in British Columbia Forest Products***

**WE HANDLE "THE BEST IN THE WEST"**

If you are interested in Western stock send us your enquiries. We can make quick shipments from our Montreal stock



# HEMLOCK

*Ready for shipment*

30,000 ft.	2 x 6"	—8/16'	No. 1 Hemlock.
35,000	" 2 x 8"	— " "	" "
40,000	" 2 x 10"	— " "	" "
20,000	" 2 x 12"	— " "	" "
50,000	" 2 x 4/up	— " "	" "
100,000	" 1 x 4/up	— " "	" "
40,000	" 2 x 4/up	—6/16'	No. 2 Hemlock.
66,000	" 1 x 4/up	— " "	" "

## Hocken Lumber Co., Limited

626 Confederation Life Building

Phone Main 3153

Toronto, Ontario

## SOUTHERN HARDWOODS Dry Stock at Buffalo for Quick Shipment

WHITE ASH				TENNESSEE SCENTED CEDAR				QUARTERED SAP GUM				QUARTERED WHITE OAK					
	1 & 2	Clear Strips	No. 1 Com.	No. 2 Com.	1 in.—26,200	1 1/4 in.—1,800			1 & 2	No. 1C	No. 2C		1 & 2	Clear Strips	No. 1 Com.	No. 2 Com.	
3/4 in.	2,000		1,500	2,500				4/4		1,800							
1 in.	160,000	15,000	44,000	76,000				5/4	14,000			1/2 in.	6,100				
1 1/4 in.	49,000	5,000	78,000	5,000				8/4	34,000	20,800	300	3/4 in.	3,900		6,300	3,000	
1 1/2 in.	41,000	11,500	72,000	2,500				10/4	8,000			5/8 in.	2,800		700	800	
2 in.	88,500	900	122,000	65,000	1 in.	94,000	123,000	2,200				1 in.	44,000	5,300	41,000	1,700	
2 1/2 in.	119,000		29,000	43,600	1 1/4 in.	29,000	23,000	700				1 1/4 in.	13,000	14,300	28,000	1,800	
3 in.	14,000		5,000	45,000	1 1/2 in.	24,000	48,000	14,500	5,000			1 1/2 in.	7,000	500	2,500		
4 in.	116,000		28,000	6,500	2 in.	4,000	7,300	300				2 in.	5,500		23,000	5,700	
												2 1/2 in.	1,000				
												3 in.	300		200		
												4 in.	600		700		
CHERRY				FIGURED RED GUM				PLAIN RED OAK				HICKORY					
	1 & 2	Clear Strips	No. 1 Com.	No. 2 Com.	1 in.	1 1/4 in.	1 1/2 in.	8/4	1 & 2	No. 1C		1 & 2	No. 1 Com.	No. 2 Com.	No. 3 Com.		
1 in.	48,000	5,000	112,000	200,000	1 in.				18,000	3,000	3/4 in.	70,000	202,000	1,800	9,000		
1 1/4 in.	19,000		1,000	11,000	1 1/4 in.				3,000	300	5/8 in.		74,000	21,600	2,000		
1 1/2 in.	6,200		28,000	82,000	1 1/2 in.				700		1 in.	90,000	6,000		50,000		
2 in.	7,000		25,000	63,000	8/4				1,000	200	1 1/4 in.	36,000	54,000	5,000	1,100		
2 1/2 in.	4,500		4,300	3,000							1 1/2 in.	40,000	47,200	4,000	500		
3 in.	21,700		6,500	4,000							2 in.	44,000	121,000	26,000	5,000		
4 in.	4,300		900								2 1/2 in.	1,500	1,400				
											3 in.	94,100	33,000				
											4 in.	5,800	19,000	7,000	12,000		
													2,600	4,600			
CHESTNUT				QUARTERED RED GUM				PLAIN WHITE OAK				BLACK WALNUT					
	1 & 2	Clear Strips	No. 1 Com.	No. 2 Com.	1 in.	1 1/4 in.	1 1/2 in.	8/4	1 & 2	No. 1C	No. 2C	1 & 2	No. 1 Com.	No. 2 Com.	No. 3 Com.		
3/4 in.	1,600		3,000		1 in.				27,000	37,000		1 in.	1,100	6,000	1,000		
1 in.	136,000	7,000	196,000	44,000	1 1/4 in.				22,000	36,000	1,000	1 1/4 in.	1,100	1,700	2,150		
1 1/4 in.	26,000	800	27,000	28,000	1 1/2 in.				16,000	49,000	5,600	1 1/2 in.	41,000	45,000	9,000		
1 1/2 in.	24,700	2,600	86,000	42,000	8/4				68,000	53,000	12,000	2 in.	9,200	24,000	17,200		
2 in.	11,000		22,000	40,000								2 1/2 in.	3,000	13,000	5,700		
2 1/2 in.	3,000											3 in.		8,580	7,200		
3 in.	1,300											4 in.		400	375		
4 in.	1,500		300														
CYPRESS				POPLAR				QUARTERED RED OAK				BASSWOOD					
	1 & 2	Clear Strips	No. 1 Com.	No. 2 Com.	1 & 2	18" & up	1 & 2	No. 1 Com.	Bright Saps	1 & 2	No. 1 Com.	No. 2 Com.	1 & 2	Clear Strips	No. 1 Com.	No. 2 Com.	
3/4 in.	500	1,100	1,500	200	3/4 in.	18" & up	1 & 2	600	600	1 & 2	1,700	5,700	500	1 in.	156,000	2,600	93,000
1 in.	54,000	116,000	72,000	4,500	1 in.	18" & up	1 & 2	100	6,900	1 & 2	9,200	5,400	9,000	1 1/4 in.	114,000	7,000	141,000
1 1/4 in.	75,000	16,300	5,000	1,200	1 1/4 in.	18" & up	1 & 2			1 & 2	5,900	900		1 1/2 in.	83,000	2,600	22,000
1 1/2 in.	142,000	56,000	2,600	1,800	1 1/2 in.	18" & up	1 & 2			1 & 2				2 in.	64,500		11,000
2 in.	78,000	52,000	25,900	1,000	2 in.	18" & up	1 & 2			1 & 2				2 1/2 in.	5,200		2,500
2 1/2 in.	22,000	9,900	4,700	800	2 1/2 in.	18" & up	1 & 2			1 & 2				3 in.	55,000		6,600
3 in.	15,000	21,000	2,500	3	3 in.	18" & up	1 & 2			1 & 2				4 in.	8,000		1,500
4 in.	9,200	5,000	4,000	350	4 in.	18" & up	1 & 2			1 & 2							200

Also large stock of Brown Ash, Basswood, Beech, Birch, Elm and Maple.

**THE ATLANTIC LUMBER CO. Inc.** 310 MANNING CHAMBERS  
**TORONTO**

MANUFACTURERS SOUTHERN HARDWOOD LUMBER

Head Office: BOSTON, MASS.

Yards: BUFFALO, N.Y.

Mills: KNOXVILLE, TENN., FONDE, KENTUCKY



WHITE PINE   RED PINE   JACK PINE   SPRUCE   HEMLOCK   HARDWOODS   SHINGLES   LATH   B.C. PRODUCTS

# We Deliver the Goods

## On Time                      Every Time

We have established an enviable reputation for prompt shipment of orders. Every precaution is taken to eliminate vexatious delays and to get the stock to our customers on time and exactly as specified. This service, coupled with excellent lumber, liberal grading and attractive prices ensures your complete satisfaction on every order.

*Straight or Mixed Cars.*

## The Fesserton Timber Company Limited

15 Toronto St.                      MAIN 795-6                      Toronto  
Western Office: Winch Building, Vancouver, B.C.



**WE** conduct an extensive trade in Spruce Lath Cedar Ties and New Brunswick Cedar Shingles to the South American and British markets. Docking facilities are unexcelled.

Correspondence invited

## CHALEURS BAY MILLS

Main Office and Mills at  
Restigouche, Que.

Cable Address: Chalbay, Portland, & Restigouche, Que.

Portland Office  
31½ Exchange St.



# EDWARD CLARK & SONS LIMITED

807 Bank of Hamilton Building - Toronto

## Hardwood Lumber

SPECIALTY



BIRCH

Let us quote on your requirements for the year. The mills are now sawing and by ordering now you can get the stock sawn to your specifications.

*Correspondence  
Invited*

In order to make room for this year's cut, we want to move immediately 1 large car 4/4 Soft Elm, 2 C & B, 50 M ft. each of 10/4 and 12/4, 2 C & B, Birch, also 3 or 4 cars 8/4 F.A.S. Birch. This stock is dry and well manufactured.

### EFFICIENCY, COURTESY AND SERVICE

## LATH and LUMBER

WHITE PINE  
NORWAY PINE

Shevlin - Clarke  Company Limited

FORT FRANCES, ONT.

**Manufacturers  
and Wholesalers**

Prompt Shipment.  
Attractive Prices.



# Geo. Gordon & Co.

Limited

CACHE BAY - ONTARIO

*Manufacturers of*

## WHITE & NORWAY PINE

Lumber, Dimension Timber  
Lath, Shade Roller Pickets

*Planing Mill in Connection*



## The Spanish River Lumber Co. Limited

LUMBER MANUFACTURERS

CUTLER, ONTARIO

WHITE PINE,  
NORWAY PINE,  
HEMLOCK

Shipments  
by Rail  
or Water





## MAKING GOOD

When the product you sell "Makes Good" it creates added business for you through increased confidence, that intangible yet essential asset of all business which expands and prospers.

A strict policy of honest representation—and discriminating buyers have designated us as—

**"DISTRIBUTORS OF DEPENDABLE STOCKS"**

### The A. E. Gordon Lumber Co.

705-6 Confederation Life Building

Branch Office:  
507 Pacific Bldg., Vancouver, B.C.

TORONTO, ONT.  
Phone Adel. 4281



# SPECIAL

5/8 & 1" Spruce Crating

B.C. Clear Finish

Angle Grain Flooring

Also our complete line of Eastern  
& Western Stock

**TERRY-NICHOLSON-CATES**  
LIMITED

SUCCESSORS TO  
*Terry & Gordon*  
LIMITED

## Canadian Forest Products

Montreal

Toronto

Vancouver

Ontario Representatives for  
The British Columbia Mills, Timber and Trading Co. Ltd.





Phone Adel. 7718

302 Brass Bldg.

**Cedar Shingles****Western Fir, Spruce and Pine**

All Dimensions All Grades

Old Growth Soft Yellow Fir in Rough Clears

**Southern Yellow Pine**

Canadian Representatives of

**Cantrell Lumber Co., New York**

Handling the product of several leading Southern Pine Mills. Send us your inquiries for B and Better finish and Rough or sized dimension.

**J. L. Nevison & C. J. Brooks, Toronto, Ont.****Watson & Todd Limited**  
**OTTAWA****WHITE PINE**  
**RED PINE**  
**SPRUCE**

Registered



Trade Mark

**Rideau Club Building**  
Cor. Wellington and  
Metcalf Sts.

Registered



Trade Mar

We are always in the market to buy Soft Elm, Maple, Birch and other Hardwoods. Also Spruce, Pine, Poplar or Balm for crating.

Established Twenty Years

**Liberal Prices      Fair Inspection**  
**Prompt Payment**

*We have a good Stationary Saw Mill complete with power for sale, capacity 15 to 20 M. per day. Write us for particulars.*

**The Manufacturers' Lumber**  
Company Limited

**Stratford      -      Ont.****BARGAINS IN**  
**Standing Timber**

ALL our remaining timber lands and town property situated in the town of Parry Sound are offered for sale by us. The special prices at which these are being sold makes early enquiries advisable.

Good bargains are still obtainable in the Townships of Christie, Allen, Secord, Falconbridge and Street. May we send you full particulars?

**The Parry Sound Lumber Co.**

LIMITED

**26 Ernest Avenue****Toronto, Ont.****New Ontario Colonization Co., Ltd.**  
**MANUFACTURERS****SPRUCE AND JACK PINE****Tamarack**  
**Poplar****Rossed Pulpwood**  
**Lath**

**Sales Office: BUFFALO, N. Y.**  
503 Niagara Life Bldg.

**Mills: JACKSONBORO, ONT.**  
Transcont. Div. Can. Nat. Rys.

Kindly address all inquiries care department "A"



# GEORGE MASON & COMPANY

(Successors to Manley Chew)

MANUFACTURERS OF

## Pine—Maple—Beech—Basswood Lumber—Lath

WE INVITE YOUR ENQUIRIES

Mills at Midland, Ont., Thunder Bay, Ont. Head Office :—Midland, Ont.

### Do Your Customers Come Back?

They will if you sell our lumber which is all carefully manufactured in our own mills from timber off our own limits.

Get our prices on

## WHITE & RED PINE

Also Box and Crating stock. Lath and Shooks. You'll find they offer a good margin of profit for you.

**KEEWATIN LUMBER COMPANY, LTD.**  
KENORA ONTARIO

Two complete Saw and Planing Mills Box Factories and Lath Mill at Keewatin and Kenora, Ont.

### F. W. Brennen & Sons

474 Main St. East

Hamilton, Ont.

Wholesale

## LUMBER LATH--SHINGLES

We have what you want: Write us for quotations

## A. T. DADSON

Wholesale Lumber Broker

380 CONFEDERATION  
LIFE BLDG.

TORONTO

Telephone  
Main 1892

Would be glad to hear from manufacturers and wholesalers with particulars of stock of Lumber and Lath.

We are  
Exclusive handlers of the Celebrated

## "VELVET BRAND" SHORT LEAF YELLOW PINE

— The softest that grows —

Steam Dried or  
Smoke Dried

Inquiries invited  
Prompt Shipments

**Russell Harris Lumber Company**  
34 Victoria Street, Toronto. Telephone Main 4700

## The D'AUTEUIL LUMBER CO., Limited

81 St. Peter Street,  
QUEBEC

**Pulpwood, Lumber,  
Spoolwood,  
Ties and Shingles**



THE  
**Montreal Lumber Co.**  
Limited  
**WHOLESALE  
LUMBER**

759 Notre Dame St. W., Montreal

W. K. GRAFFTEY,  
President and Managing Director.

**DR. BELL'S**  
**Veterinary Wonder Remedies**  
50,000 one dollar (\$1.00) bottles Free  
to horsemen who give the Wonder a fair  
trial. Guaranteed for Colic, Inflamma-  
tion of the Lungs, Bowels, Kidneys,  
Fevers, Distemper, etc. Send 25c for  
Mailing Package, etc. Agents wanted.  
Write your address plainly. DR. BELL,  
V.S., Kingston, Ont.



## Know Your Market

A timely knowledge of Cana-  
dian construction activities gives  
the lumberman a point of van-  
tage from which to conduct his  
sales.

The Contract Record will keep  
you posted on construction un-  
dertakings large and small.

The subscription price is \$3.00.

Send to

## Contract Record

and Engineering Review

347

Adelaide Street West,  
Toronto, Ont.

# LUMBER

## Wanted

### Mill-cuts in

## W. Pine Hemlock

## Birch Elm Maple

## C. G. Anderson Lumber Company, Limited

Manufacturers and Strictly Wholesale  
Dealers in Lumber

SALES OFFICE

705 Excelsior Life Building  
Toronto

### BELTING

All kinds of new and used Belting  
Shipped subject to approval, at  
Lowest Prices in Canada

**YORK BELTING CO.**  
115 York St. Toronto, Ont.

### JACK PINE

### HEMLOCK

### SPRUCE

**JAMES R. SUMMERS**

Wholesale Lumber

95 King St. East TORONTO, Ont.  
Main 7329

### HICKORY AXE HANDLES

Made From the Best Canadian  
**HICKORY**

Quality, Shape and Finish Unexcelled  
**St. Marys Wood Specialty Co. Ltd.**  
St. Mary's, Ontario, Canada

High Grade Wood Specialties Ball Bats  
H ndles. and Hardwood Lumber."

### BELTING FOR SALE

We have a large quantity of Second-  
Hand Rubber and Leather Belting in  
all sizes and plys up to 24 inches in  
width, which we can sell at interesting  
prices. Send us your requirements.

**N. SMITH**  
138 York St. - Toronto, Ont.

### Robt. Coltart & Co.

Royal Liver Building

Liverpool England

Agents for the sale of  
Pine, Spruce and Hard-  
woods. Correspondence  
invited.

Cables—"COLTART" Liverpool

### Cant & Kemp

52 St. Enoch Square  
**GLASGOW**

### Timber Brokers

Cable Address, "Tectona," Glasgow  
A1 and ABC Codes used

### FARNWORTH & JARDINE

Cable Address: Farnworth, Liverpool

**WOOD BROKERS  
and MEASURERS**

2 Dale Street, Liverpool, and  
Seaforth Road, Seaforth, Liverpool,  
England



# Quick Action

## You Can Have It

Try the Canada Lumberman Wanted and For Sale Department. Have you anything you wish to buy or sell in the Lumber Industry? You will find this department inexpensive, and a very effective business getter.

Our Classified Advertisers do not repeat the ad, often. They don't have to. They report immediate results. Use these columns to your own advantage.

**CANADA  
LUMBERMAN  
and WOODWORKER**  
347 Adelaide St. W.  
TORONTO

***"Well Bought is Half Sold!"***

# SPECIALS

that people want

- 2 Cars 2" No. 2 & 3 Cuts W.P. about 85%  
10" & up.
- 200M' 1 x 4 & up—6' & up No. 1 & 2 Cull W.P.  
about 80% No. 1 Cull  
Average—10-1/2".
- 1 Car 1 x 4 & up—6/16, C. & C. F. Norway.
- 2 " 1 x 12— 10/16 Merch. Spruce.
- 5 " 2 x 4— 6/16 Cull Spruce D.1 E.
- 1 " 1 x 8— 10/16 Merch. Hemlock.
- 3 " 2 x 4— 6/16 Mill Cull " )  
D 1 S & 1 E )
- 5 " 5" & up, 8' Unpeeled Cedar Posts.  
Large Average Size
- 4 " 6" & up, 8' Unpeeled Cedar Posts.
- 2 " 3 to 4-1/2"-8' " " "

**Canadian General Lumber Co.**  
Limited

## FOREST PRODUCTS

TORONTO OFFICE:— 712-20 Bank of Hamilton Building

Montreal Office:— 514 Canada Cement Company Bldg.

Mills: Byng Inlet, Ont.

### LUMBER WANTED

We are in the market for a block of Spruce and Hemlock, inch and 2" Merchantable and No. 2, also Pine Mill Culls. In writing quote your lowest price.

The Foley Lumber Co.,  
18 Toronto Street,  
Phone Main 2746 Toronto, Ont.

Manufacturers of

**WIRE** For TYING, BUNDLING  
and many other purposes  
NAILS  
**LAIDLAW BALE TIE CO., Ltd**  
HAMILTON, ONT.

### SAVAGE & BARTLETT

FOREST ENGINEERS  
Timber Estimates, Maps, Topographic  
and Boundary Surveys  
15 State St., BANGOR, MAINE

### W. Y. LLOYD

350 Confederation Life Building,  
TORONTO, Ont.

Dealers in Eastern and Western  
**Canadian Softwoods**

Pine, Spruce, Fir, Hemlock  
Lath and Shingles.

*Soliciting enquiries.*

Twenty Years Experience  
**Timber Estimates**  
Reports Maps

**James W. Sewall**  
Forest Engineer

Old Town, Davidson Bldg.,  
Maine. Washington, D.C.

*Largest Cruising House in America.*

### SPECIALTIES

Sawed Hemlock  
Red Cedar Shingles  
White Pine Lath  
Bass and Poplar Siding

**James Gillespie**

Pine and Hardwood

**Lumber**

Lath and Shingles

North Tonawanda, N. Y.



## Canfield - Wilmot

LIMITED

Wholesale Lumber

Woodstock - Ontario

---

*Specialists in B. C. Lumber*


---

B.C. PRODUCTS ALWAYS IN TRANSIT

## ROSE-McLAURIN

LIMITED

1226 Bank of Hamilton Building TORONTO

Phone Main 6752

*We Specialize in*

**British Columbia Lumber and  
Timber and Red Cedar Shingles**

*Let us quote you. Our prices are right*

We also handle the well known

**"TEN-TEST" SOLID FIBRE BOARD**

## A Permanent Lumber Service

**A**FTER several years of inactivity we are now cutting on our modern fully equipped mills at Manistique and Little Lake, Upper Michigan. The timber behind these mills was purchased many years ago by the Stack interests from the then "unlimited" supply. Its quality, particularly the maple and birch, is the envy of northern mill men among whom this tract is famous.

This timber will run the mills to full capacity for fifteen to twenty years. The 40,000,000 feet annual cut will run:

15,000,000 ft. maple annually  
6,000,000 ft. birch annually  
2,500,000 ft. beech annually  
2,500,000 ft. elm annually  
900,000 ft. basswood annually  
200,000 ft. ash annually  
6,000,000 ft. hemlock annually  
3,000,000 ft. white pine annually

the balance in Spruce and Tamarack.

Our exceptional service, grades, and manufacture will be maintained.

"Low freight rate shipments by water to Toronto, Montreal, Owen Sound, Port Arthur, and other Great Lakes and St. Lawrence River Ports. Conveniently located also for rail shipments to inland points by C.P.R. or Soo line."

We will be pleased to hear from old friends and from new ones who can understand and appreciate what permanent connection with such a source of supply would mean.

### STACK LUMBER CO.

ESCANABA

MICHIGAN

## W.S. LOGGIE

and Company, Limited

*Manufacturers  
of Lumber  
including*

## SPRUCE, PINE and LATHS

Head Office

Chatham, N.B.

Mill

Inkerman, N.B.

## The Rat Portage Lumber Co., Limited, Vancouver

MANUFACTURERS OF

DOUGLAS FIR, SPRUCE AND HEMLOCK

FLOORING, CEILING, SIDING, INTERIOR AND EXTERIOR  
FINISH OF ALL KINDS INCLUDING MOULDINGS

**Rough Kiln Dried and Green Clear Fir in All Sizes**

Boards, Shiplap, and Dimension

**ROUGH TIMBERS UP TO 90 FEET LONG**

WE SPECIALISE IN 1/4  
SCANT SIZED DIMEN-  
SION, ALSO DIMENSION  
AND BOARDS IN THE  
ROUGH



# FRASER COMPANIES, Limited

Bleached Sulphite Pulp Mill. Saw Mills (all Band Saw Mills). Shingle Mill

HERE THEY ARE ON THE MAP



## Mills and Railway Connections

Saw and Shingle Mills	Railway Connections
Cabano, Que. ....	Temiscouata Ry.
Notre Dame du Lac, Que. ....	Temiscouata Ry.
Glendyne, Que. ....	C. N. Ry.
Estcourt, Que. ....	C. N. Ry.
Sully, P.Q. ....	C. N. Ry.
Edmundston, N. B. ....	C.P.R., C.N.R. and Temiscouata Ry.
Magaguadavic, N.B. ....	C. P. R.

Saw and Shingle Mills	Railway Connections
Baker Brook, N. B. ....	C.N.Ry., Temiscouata Ry.
Plaster Rock, N.B. ....	C. P. R.
Summit, N. B. ....	C. N. R.
Fredericton, N. B. ....	C.P.Ry and C.N.Ry.
Nelson, N. B. ....	C. N. Ry.
Campbellton, N. B. ....	C. N. Ry.

Bleached Sulphite Mill, Edmundston, N. B. ....	Railway Connection, C.P.R., C.N.R. and Temiscouata Ry.
Sulphite Mill, Chatham, N. B. ....	Railway Connection, C. N. R.

Bleached Sulphite.

Rough and Dressed Spruce.

White Cedar Shingles.

Railway Ties

Piano Sounding Board Stock a Specialty.

Selling and Purchasing Offices :-- EDMUNDSTON, N. B.



## YOU CAN'T GO

2	Cars	16/4 Hd.	Maple	No. 1 & B.
1	"	10/4 Hd.	"	"
15	"	4/4 Hd.	"	No. 2 & B.
2	"	16/4 St.	"	"
1	"	14/4 St.	"	No. 1 & B.
8	"	4/4 St.	Elm	No. 2 & B.
2	"	4/4 St.	"	No. 2 & 3 Com.
1	"	5/4 Basswood	No. 1 & B.	
2	"	4/4 Basswood	"	"



## WRONG ON THESE

1	Car	1" 1 1/4" 1 1/2" & 2" Basswood,	No. 2.
		& 3 Common.	
5	"	6/4 Beech	No. 2 & B.
3	"	4/4 Beech	"
6	"	4/4 Birch	No. 1 & B.
2	"	4/4 Birch	No. 2 & B.
1	"	5 x 5 Boxed Hearts.	
		1" and 2" crating, Basswood, Elm and Hardwood.	

*Send us your enquiry for special sizes in new stock.*

## THE PEDWELL HARDWOOD LUMBER COMPANY

FT. SPADINA AVE., TORONTO

### Send for This new Booklet To-day

A new booklet has been prepared on "How to Finish British Columbia Woods". It also contains other information of interest to all who would build.

As there is a large demand for these booklets and the supply is limited an early request for them is advisable.

**British Columbia Lumber Commissioner**  
51 Yonge St. - Toronto

### The Smile of Satisfaction

Know what real satisfaction means by giving McDonagh Lumber a trial. Wholesale Hardwoods (Native and Foreign), Crating Spruce, Pine and Hemlock, Canadian Birch, Basswood and Maple.



**Every Shipment Guaranteed**

**The McDonagh Lumber Co.**  
226 Confederation Life Building, TORONTO

### Planing Mill Stock

## CYPRESS

Soft, Dry Stock, Finest Grades—  
All Thicknesses— 4/4, 5/4, 6/4, 8/4, 10/4, 12/4

### Yellow Pine Finish

Kiln Dried, Soft, Short Leaf Kind

Stock Widths  $\left. \begin{matrix} 4/4 \\ 5/4 \\ 6/4 \\ 8/4 \end{matrix} \right\}$  by 4", 6", 8", 10", 12"

Also OAK, ASH, POPLAR, GUM  
**WISTAR, UNDERHILL & NIXON**  
Real Estate Trust Bldg., Philadelphia, Pa.

### Pine, Spruce, Birch, etc.

Always on hand a large quantity Specialty Birch for Export.

*Send your enquiry*

**ROCH JULIEN**  
MORIN BUILDING, QUEBEC CITY  
2,700 Acres of FREEHOLD land for sale

# British Columbia

Lumber and Shingles  
Best Grades—Mill Prices—Prompt Shipment

## THOS. N. PHILLIPS

Royal Bank Building

Toronto, Ont.



## ***Dressed Jack Pine or Lath?***

**Well, Rather—the Best in the Land**

Also Sized Hemlock, White and Red Pine, Jack Pine, B. C. Products

*Ask Us For Quotations*

# **LARKIN LUMBER COMPANY LTD.**

236 CONFEDERATION LIFE BUILDING

TORONTO

## **AUSTIN & NICHOLSON LIMITED**

CHAPLEAU, ONTARIO

Lumber, Lath, Ties, Pulpwood.

Quick Dressing and Matching in Car Lots  
a Specialty.

Mills at DALTON, NICHOLSON, DEVON

Short Leaf Yellow Pine Finish

American Chestnut, Oak, and Poplar

California Redwood and White Pine

in shop and clear. ALWAYS IN TRANSIT

Clear & Clear Face Norway 4/4 & 8/4"

THE EASTMAN LUMBER COMPANY, LIMITED  
38 Sun Life Building, Hamilton, Ontario Phone Regent 162

## **BOOKS FOR SALE**

*at Special Prices*

Baughman's "Buyer & Seller." The handiest labor-saving book for lumbermen ever devised. Desk size, 300 pages, \$3.50. Pocket edition, 188 pages, \$1.50.

"Climax" tally book, bound in sheep, with hand strips. Size 4 1/4 x 8 1/2, 110 pages. Price \$2.00.

"Lumber—Its Manufacture and Distribution," by Ralph Clement Bryant. Just published by John Wiley & Sons, 539 pages, 156 figures, Price \$4.50.

"Scribner's Lumber and Log Book," 1921 edition, price 75c.

"Seasoning of Wood," a Treatise of the Natural and Artificial Processes Employed in the preparation of Lumber for Manufacture, with Detailed Explanations of its Uses, Characteristics and Properties, by Joseph Wagner. Published by D. Van Nostrand Company, in 1917, 274 pages, illustrated. Price \$3.00.

"The Kiln Drying of Lumber," a Practical and Theoretical Treatise, by Harry Donald Tiemann, M.E., M.F. Published by J. B. Lippincott Co. 316 pages, illustrated. Price \$5.50.

**Canada Lumberman**

347 Adelaide Street West  
TORONTO

# ***Everything in Lumber***

The  
**McLennan Lumber Co., Ltd.**  
Office and Yard: 21 Dorchester Street W., Montreal

P.O. BOX 1854

PHONE PLATEAU 1300

# **Power Lumber Company Limited**

Successors to River Ouelle Pulp & Lumber Co.

*Manufacturers of*

# **SPRUCE**

**Lumber**

**Lath**

**Pulpwood**

*Head Office and Mills at:*

**St. Pacome, Que., Canada**

On Can. Nat. Ry. 75 Miles East  
of Quebec City

*Also Mills at:*

**Lapointe, Riv. Manie, Powerville  
and Ste. Apolline**

On Edmunston Div.—Can. Nat. Rys.



**The Harris Tie & Timber Co., Ltd.**  
**The C. E. Fleming Tie & Lumber Co., Ltd.**  
**The Poupore Lumber Co.**

**Railway Ties, Cedar Poles and Posts, Lumber, Lath, Shingles, Pulpwood**

**197 SPARKS STREET**

**OTTAWA, CANADA**

**H. R. Goodday**

**AND COMPANY**

EXPORTERS OF

**SPRUCE AND  
PINE**

New Brunswick Agent

**F. E. NEALE,**

Chatham, N.B.

**Head Office: QUEBEC, P.Q.**



For Prompt Delivery of  
**Hemlock, Spruce, Lath  
 Pulpwood and Hardwoods**

**Dressed and Ripped to Order**

We specialize in Hemlock and Spruce  
 Timbers and have excellent facilities  
 for quick shipment—rail or water  
 delivery.

*Tell us your requirements*

**Fassett Lumber Co., Limited**  
**Fassett, Quebec**

F. N. Waldie, President.

R. S. Waldie, Vice-President

W. E. Harper, Secretary.

**The Victoria Harbor Lumber Co., Ltd.**

Manufacturers of

**Lumber and Lath**

Mills at Victoria Harbor, Ont.

HEAD OFFICE,  
 12-14 Wellington Street East, **TORONTO, ONT.**



## FOR SALE Spruce Timber

50 million feet of Spruce, 25 million feet of Hardwood and 100,000 cords of Superior Pulp. Some of the very best growing in the United States. Lands easily operated summer or winter. Mostly approached by state highways within 6 miles of railroad. Opportunity for large operations or several small.

Address,

**Robert Kent James**  
220 Washington Street  
Boston, Mass.

## CHARLES O. MAUS

Wholesale  
**HARDWOOD LUMBER**

Rooms 444-446 Farmers' Trust Building  
South Bend, Ind., U. S. of A.

Red Sap	}	<b>GUM</b>	{	Plain or Quarter cut
------------	---	------------	---	----------------------------

Red White	}	<b>OAK</b>	{	Plain or Quarter cut
--------------	---	------------	---	----------------------------

All grades	}	<b>CYPRESS</b>	{	All thicknesses
---------------	---	----------------	---	--------------------

{	<b>ASH</b>	{		
			<b>COTTONWOOD</b>	<b>"We have it"</b>

*"How about that next car"?—Let's get acquainted*

Canadian Representative:

**WALTER S. McBEAN**, 200 St. Clarens Ave., Toronto, Ont.

PHONE: PARKDALE 1979

## The Shrewd Buyer Appreciates "Stalker Values"

Write us for quotations on the products listed below. You will be surprised at the outstanding values they represent.

**B.C. FIR, SPRUCE, PINE LATH,  
SHINGLES AND HARDWOODS**

**DOUGLAS A. STALKER**

122 Wellington Street

Sherbrooke

# HEAPS

**& SONS LIMITED**

METROPOLITAN BLDG.

VANCOUVER, B.C.



**British Columbia**

**Lumber Shingles Timbers**

**Straight or Mixed Cars of**

**FLOORING  
CASING  
BASE**

**MOULDINGS  
CEILING  
FINISH**



# SCOTT, DRAPER & COMPANY

11 SAULT AU MATELOT STREET, QUEBEC.

## PULPWOOD, LUMBER AND TIES

LET US KNOW YOUR REQUIREMENTS

WRITE, WIRE, OR PHONE

### WILSON BROS.

*Wholesale Lumber*

WOODSTOCK - ONTARIO

All kinds of Sawn Lumber  
Your enquiries solicited.

We are open to consider offers on cuts of Jack-Pine, Spruce, Hemlock and White Pine. Also standing Rock Elm. Quote us on any Lath you have to offer.

Can supply No. 1 Com. & Btr. Rock Elm, 4/4, 5/4, 6/4, 8/4 and 10/4. Quotations upon application.

### Thompson Heyland Lumber Co.

123 Bay Street - - - Toronto

For Sale

Everything in Dry Hemlock Lumber.  
500 M. 1 x 4 x 5 x 6 in choice Merchantable Spruce.

Wanted to buy

2 million feet Spruce, Jack Pine and Hemlock for spring delivery.  
10,000 cords of Spruce and Balsam, peeled pulpwood.  
10,000 cords peeled poplar.  
50 M. Ties in Cedar, Hemlock and Jack Pine.

Will make the necessary advances.

### GILLIES BROS., LTD.

BRAESIDE

ONTARIO

## WHITE PINE

RED PINE  
SPRUCE

*Dry Stock*

*Well Sawn*

*Prompt Shipment*



### Greig-Morris Limited

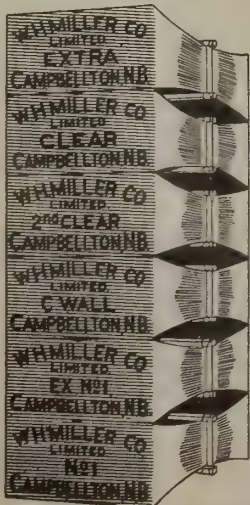
Toronto

**Wanted Mill Cuts**  
**Hardwoods, Hemlock & Spruce**

Quick shipments made  
LET US HAVE YOUR STOCK

FOR SALE

**Dry Spruce, Shingles and Lath**



## The Same Good Quality

that makes these New Brunswick White Cedar Shingles famous is still found in every shipment that leaves our plant.

If you want to get the reputation of selling something really good this is the kind to handle. Made by

**W. H. MILLER CO. LIMITED**

Campbellton, N. B.

We also manufacture Spruce and Pine Lumber, Lath, Cedar Tiles, etc.



# Black Rock Lumber Company

421-423 FIDELITY BUILDING

- - - BUFFALO, N. Y.

5 million feet of 4/4" 5/4", 6/4", 8/4" Dry White Pine in pile.

Also Jack Pine, Spruce and Hemlock Lath.

**AT: Braeside, Midland, Victoria Harbour, ONTARIO**

## White Pine

(Dry)

Ottawa Valley Manufacture

### —BOX and BETTER—

75,000' 2 x 6 &amp; wider—10/16.

100,000' 1½ x 7 &amp; " "

50,000' 1¼ x 7 &amp; " 12/16.

### —MILL RUN - BOX OUT—

50,000' 1¼ x 8 &amp; wider—10/16.

12,000' 1¼ x 7 " "

12,500' 1¼ x 6 " "

8,000' 1¼ x 5 " "

### —BOX—

48,000' 1¼ x 7 &amp; up—10/16.

12,000' 1¼ x 4/6 — " "

### —GOOD—

5,000' 1 x 4 &amp; up— 6/ 9.

7,000' 1 x 4/6 —10/16.

7,000' 1 x 7 &amp; up— " "

2,300' 1¼ x 4/6 — 6/16.

7,000' 1¼ x 7 &amp; up— " "

**The Rideau Lumber Co. Ltd.**

Established 1897

OTTAWA

CANADA

## Dry Stock for Immediate Shipment

4/4 6/4 8/4 Beech

4/4 8/4 Basswood

4/4 8/4 H. &amp; S. Maple

4/4 8/4 Oak

4/4 8/4 B. &amp; W. Ash

4/4 6/4 8/4 Sound Chestnut

4/4 8/4 Elm

Mill now running. Can cut bills to order. Cordwood and slabs for sale.

Write for particulars and prices.

**McClung, McLellan & Berry**

Kinglake, Ontario

**P. Beauchemin & Fils**

Amos

Quebec

We offer the 1923 summer cut as follows:

About 5,000,000' fifth and better, Spruce and Jack Pine.

2,000,000 Merchantable Spruce Lath.

About 150,000, 2" White Pine C. Cull 1921 cut.

75,000 1" Merchantable W. Pine, 1921 cut.

Will furnish on demand quotations for MILLING Lumber in TRANSIT.



**A.K. Hansen & Co.**  
REGISTERED

82 St. Peter Street, Quebec, P. Q.

MANUFACTURERS—EXPORTERS—WHOLESALE

**Spoolwood, Pulpwood and Lumber**

Mills: Laterriere, Que., and  
Charlevoix Dist., Que.



## Manufacturers and Wholesalers of Canadian Hardwood and Softwood Lumber

Specializing in Rock Elm, and Oak Ship Timber. Hard Maple, Birch, Soft Elm and Basswood Lumber. We also handle B.C. Fir and Pine in all thicknesses and grades.

To mill men:

We will buy your full cut of Lumber.

Heavy Portable Sawmill with Power and Camp Equipment for sale. Terms arranged.



*"Lumber at first cost"*

**HALL BROS., LIMITED - 300 Crown Office Bldg.**

**TORONTO**

Write

Phone Main 2806  
Phone

or Wire



## Service on Your Lumber Requirements for Spring

We invite you to call on us for quotations on your requirements and can assure you that your inquiries and orders will receive our prompt and careful attention. You will find us both willing and able to satisfactorily serve you.

We are in a position to supply you with stock, the quality of which will highly please both you and your trade.

# APEX LUMBER COMPANY, LTD.

Ontario Representative: J. D. Robinson, Room 5 Imperial Block,  
Walkerville, Ont.

Vancouver, B.C.

# Thurston-Flavelle, Limited

MANUFACTURERS OF

## British Columbia Red Cedar Exclusively Cedar Bevel Siding, Finish, V-Joint and Mouldings

Our Shingles are all Packed by the 'Thousand'

Straight or mixed cars with XXX and XXXXX Shingles.

Stocks carried at Lindsay, Ont., for quick shipment

Ontario Agents:

Gull River Lumber Co., Ltd., Lindsay, Ont.

Quebec and Maritime Provinces Agents:

Rose-McLaurin Limited, 2 Toronto St., Toronto.

Full particulars from our Eastern Agents.

## Head Office and Mills, Port Moody, B. C.



# WHITE PINE

All

Grades and Sizes

Large Stocks

For Immediate Shipment

Stocks at

Pakesley

and

Victoria Harbour

## 5½ Million Feet Pine Logs

We will have for sale this spring about 5,500,000 feet of Pine logs.

Logs are watered in Pickerel River for delivery at the mouth of the French River on Georgian Bay.

*Write for Quotations*

**SCHROEDER  
MILLS AND TIMBER CO.**

Frank J. Archibald, Sales Representative  
Room 305 Stair Bldg. 123 Bay St., Toronto, Ont.

ESTABLISHED 1893

INCORPORATED 1916

**ROBERT BURY  
& COMPANY**  
(CANADA), LIMITED  
1 Spadina Avenue, Toronto

Our Dry Kilns have a capacity for drying 200,000 feet per month. We will dry your transit cars.

All Canadian and American  
Hardwoods

**MAHOGANY  
WALNUT  
VENEERS AND PANELS**  
of every description

## *THIS WEEK'S SPECIALS*

2 Cars	Clear B.C. Spruce 2 to 6" thick.
1 "	1½ x 10" & up Red O. Step Plank.
1 "	1½" FAS Chestnut.
1 "	1 " FAS Chestnut.
200M'	Mahogany & Walnut all sizes and grades.

## VENEERS

MAHOGANY, OAK, WALNUT, GUM,  
BIRCH, BASSWOOD, ASH, MAPLE, and ELM  
Log run or cut to dimension

## PANELS

BIRCH, BASSWOOD, ASH, MAPLE, ELM, FIR,  
MAHOGANY, WALNUT, OAK and COTTONWOOD

**We Specialize in Mixed Ship-  
ments of Dry Hardwoods,  
Veneers and Panels**

*This is a good time to conserve your capital by making purchases in this manner*



## Hardwoods Wanted

We are in the market for  
Birch, Maple and Basswood  
for immediate shipment.

**The Kinnon Lumber Company Ltd.**  
454 King Street, West - TORONTO

## JAMES C. McCUAIG & CO.

Lumber, Logs, Telephone,  
Telegraph Poles  
Railway Ties, Pulpwood

410 Union Bank Building  
**OTTAWA** **ONTARIO**

CABLE ADDRESS:  
"LUMBEROLL"

Codes:  
A B C 5th EDITION  
ZEBRA CODE 3rd EDITION

*The*  
**Rolland**  
**Lumber Co.**  
LIMITED

WHITE PINE AND SPRUCE

Export and Domestic

62 St. James St. Montreal, Canada

## FRASER BRYSON LUMBER CO., Limited

Office : Fraser Building,  
53 Queen Street - OTTAWA, Can.

*Wholesale Lumber Dealers  
and Selling Agents for*

**FRASER & CO.**  
Manufacturers

**White Pine, Red Pine,  
Spruce, Hardwood  
Lumber and Lath**

## R. Imrie Lumber Company

18 Toronto Street, Toronto Phone Adelaide 580

We offer for quick shipment the following:

5TH & BTR. SPRUCE & JACK PINE

1 Car 1 x 3 & up—abt. 15% 3"—2 cars 2 x 3 & up ) Dry Stock

2 " 2 x 3 (scant) 1 car 1 x 3 )

SOUND WORMY & M.C. SPRUCE & JACK PINE:-

3 cars 1 x 3 & up 1 car 2 x 2 & up—Dry stock.

1922 CUT MILL RUN NORWAY PINE:-

Abt. 49,000 ft. 1 x 4 & up—29,000 ft. 1 x 4 & 5

11,000 1 x 6 —23,000 2 x 4

55,000 2 x 4 & up—58,000 2 x 6

50,000 2 x 8 —22,000 2 x 10 & 12

12,000 3 x 8 —24,000 8 x 8

2" 5" and 8 x 8 very heavy to 16 ft. evens lengths & widths.

1922 CUT MILL RUN WHITE PINE:-

Abt. 25,000 ft. 1 x 4 & up—65,000 ft. 2 x 4 & up

7,000 1 x 4 & 5 —4,000 2 x 4

6,000 2 x 8 —7,000 2 x 10 & 12

6,000 1 x 8 & up—24,000 2 x 4 & up Mill Culls.

PRICES ON COAST AND MOUNTAIN STOCKS ON REQUEST

## Gregertsen Brothers Co.

McCormick Building  
**Chicago, Ill.**

Yards and Planing Mill at Cairo, Ill. where we  
carry four million feet of high grade Cypress for  
quick shipment.

*We are the Cypress Specialists*



# British Columbia Lumber

*"Manufactured in Modern Mills"*

Quality Lumber in all Grades and Sizes

Specialties:—

Fir Cross Arms

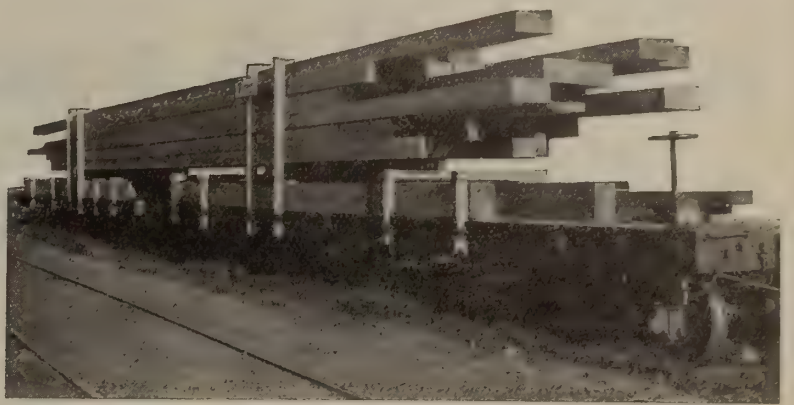
Spruce Box Shooks

Klin Dried Finish & Flooring

Rail Shipments to all parts of Canada  
and United States

## Cameron Lumber Co., Ltd.

Office & Mills - VICTORIA, B. C.



## Let us Serve You!

Long Timbers

Deep and Heavy Joists

Special Industrial Items

Rough—any size up to 110' long,  
S4S up to 16x20 x 100'

## Timberland Lumber Co., Limited

New Westminster, B. C.

Mills: South Westminster—Logging Camps: Ladysmith, Vancouver Island.  
Shipments over all railways.

## FIR SPRUCE PINE



## CEDAR LATH LUMBER

Manufactured by

# Adams River Lumber Company Ltd.

MILLS AT CHASE, B. C.

We can make prompt delivery on any of these products for there is 25 million feet in pile. All stock is extra dry, perfectly manufactured and liberally graded. Orders filled in straight or assorted cars. Write, wire or phone for quotations on your requirements.

## J. T. Todd, Eastern Manager

1303 Bank of Hamilton Bldg. Toronto

Phone Main 4425





In these days of keen competition, **QUALITY TELLS**, and so far as Lumber is concerned we believe we can safely say we can furnish **QUALITY** combined with the **BEST OF SERVICE**.

At the present time we have a considerable quantity of

# 1" No. 1 Common Cedar

This is particularly desirable stock, being a **SMALL-KNOTTED** type and will make excellent Boards and Shiplap, also a good cheap Siding or Ceiling. Try a car and we feel sure you will be surprised at its superiority.

We also manufacture **FIR** and **Spruce**. As **DIMENSION**, our **FIR** be can strongly recommended, and **GOLDEN SPRUCE** already has a string of steady users in Eastern Canada.

Our sawmill, with a daily 10-hour cutting capacity of 200,000 feet, is the largest in the interior of British Columbia. We run all orders through the planing mill at time of shipment so that our stock always reaches you bright, clean and newly milled.

## Columbia River Lumber Co., Ltd., Golden, B. C.

affiliated with and represented jointly by salesmen of

## Canadian Western Lumber Co., Ltd., Fraser Mills, B. C.

Eastern Sales Office—64 King Street East, **TORONTO**  
to whom, please address all enquiries.

Representatives:—

**L. D. BARCLAY**

**E. C. PARSONS**



# Anderson, Shreiner & Mawson

ALL KINDS OF HARDWOOD AND SOFTWOOD  
LUMBER

*Specialties*  
BIRCH AND MAPLE  
All Thicknesses

MILLS AT  
KING LAKE and EAGLE LAKE, ONT.

ROOM 411, COLONIAL BLDG.  
13 KING ST. WEST, TORONTO

Write or Wire Us, or Phone Adelaide 8085

## *Canadian Tie and Lumber Co.*

LIMITED

511 Temple Building,  
Toronto, - Ontario

Phone Main 1151.

Cutting Capacity 300,000 Ft. per Day

# J. J. McFADDEN LIMITED

Red & White Pine **LUMBER** In Any Quantities

The above is supplied by us in all standard grades and dimensions. All lumber is of guaranteed quality and grade as ordered.. Our location and facilities enable us to give our patrons the utmost in service and prompt shipments.

Mills at: - SPRAGGE, ONT. & BLIND RIVER, ONT.



**International Land & Lumber  
Company Limited**

**LUMBER**

AND

**RAILWAY TIES**

Limits and Mills: ST. FELICIEN, LAKE ST. JOHN DISTRICT, QUEBEC

**Mr. RETAILER**

Dry Jack Pine Flooring, V Sheeting, etc. 1 Million feet 1 x 4  
& 5—10/16 feet Common and Better.

Excellent mill work at shipping point.

**MILLMEN**

We want to buy cuts of Spruce, Hemlock and Pine.

**ARTHUR N. DUDLEY**

Manufacturer and Wholesaler

108-100 Stair Building,

TORONTO, ONT.

TELEPHONE MAIN 6368

**The Leigh Lumber Co.**

33 Richmond St. West

Toronto

Native Hardwood Lumber  
All kinds, all thicknesses

White Pine, Red Pine and Jack Pine

Crating Lumber in either Softwood  
or Hardwood.

**George Burchill & Sons**

*Manufacturers of*

**Spruce and Pine Lumber**

**Laths, Shingles, Nail Keg Staves**

ALSO

**Planing and Dressing Mill**

**Sash and Door Factory**

**Mouldings, Etc.**

A quantity of uncrozed nail keg staves in good  
shipping condition on hand

**South Nelson - Miramichi - New Brunswick**

**THE McCORMACK LUMBER CO.**

Bank of Toronto Building

HAMILTON, Canada

We are in the market for and would like to get prices  
on stocks of—

**Jack Pine**

**Spruce**

**Hemlock**

**Lath**

Wire or Write us.

**Dry Hemlock, Spruce and Pine**

In all dimensions

1920-1921-1922 cut

Ontario and Quebec stock

**TIES AND PILINGS**

Also PINE, SPRUCE and HEMLOCK LATH

*All for immediate shipment.*

**Big Bear Lumber Company**

Telephones Main 651-1218-1219.

Suite 208 Excelsior Life Building, Toronto, Ont.



# BRITISH COLUMBIA WESTERN HEMLOCK O.K.

## Ask the Man Who Has Used It

The proof of the value of wood is in the service obtained therefrom.

Lumber dealers and their customers are getting to like BRITISH COLUMBIA WESTERN HEMLOCK better the more they deal in it or use it.

It is not a hardwood but is possessed of a grain that is externally beautiful. It takes a high polish, is free from pitch and "shakes" and possesses great strength.

Don't wait until all your competitors have established a reputation for handling BRITISH COLUMBIA WESTERN HEMLOCK.

We'll be glad to send you BRITISH COLUMBIA WESTERN HEMLOCK in mixed carloads along with our other BIG CHIEF Brand Specialties, British Columbia Red Cedar Shingles, and Cedar and Fir lumber in all sizes known to high-class manufacture.

## VANCOUVER LUMBER CO., LIMITED, Vancouver, B.C.

Branch Sales Offices at Toronto, Ont., Winnipeg, Man., Chicago, Ill.



# Mason, Gordon & Co., Limited

80 St. Francois Xavier St.

(Wholesale Only)

Montreal, Que.

British Columbia Products

White Pine and Quebec Spruce, Fir Doors

(Carload Lots)

Vancouver Office:  
Pacific Building  
Hubert C. Gordon  
Representative

Exclusive Representatives  
Quebec and Maritime Provinces  
B.C. Mills, Timber & Trading Co.  
Vancouver, B. C.

**MK**

**LUMBER**

**MK**

**L  
A  
T  
H**

**MUIR & KIRKPATRICK**

1315-20 BANK OF HAMILTON BLDG.  
TORONTO, CANADA

MANUFACTURERS AND WHOLESALERS

**L  
A  
T  
H**

**MK**

**LUMBER**

**MK**

## Dry 1x6 Merchantable Hemlock

**W. C. EDWARDS & Co., Limited**

OTTAWA

:-

CANADA



## Story Lumber Co., Ltd.

### Wholesale Lumber Dealers

Pine Spruce Hemlock Hardwood

Head Office: 701-703 Hope Chambers,  
Ottawa, Canada

Branch Office: 30 St. John Street, Montreal, Que.

Cable Address  
'BENLUMCO'

Codes used  
ABC 5th Western Union  
Universal

## Bennett Lumber Co., Limited

### Manufacturers and Exporters

Spruce, Pine and Hardwood  
Lumber

American Hardwoods & Mahogany

11 St. Sacramento St. MONTREAL, P.Q.

## Milling in Transit

A Well Equipped Mill

C.P., G.T., & C.N. Railway Connections

*Special Mill Work Prompt Service*

J. R. Eaton & Sons, Limited  
ORILLIA, ONT.



View of our recently rebuilt modern planing mill.

## BUY B.C. FIR and HEMLOCK

We solicit correspondence and inquiries from

### THE EASTERN CANADIAN TRADE

For fir yard stock, B. C. or Hemlock Shiplap and  
Boards, timbers any size and length up to 90 feet.

We also specialize in mixed cars of high-grade fir  
uppers and mouldings and are also manufacturers  
of fir doors.

Robertson & Hackett Sawmills, Ltd.

Established 1888

Mills and Office: FALSE CREEK, VANCOUVER, B.C.

## WIRE PHONE OR WRITE

For your supply of

WANAY BIRCH TIMBER  
ROUND BIRCH VENEER LOGS  
HARDWOOD and SOFTWOOD SAWN  
LUMBER

THE WILLIAM J. MURPHY LUMBER CO.

55 St. Francois-Xavier St.,

MONTREAL

P.O. Box 2043

Phone Main 8268



35x35—82 ft.-long Fir Timber

### OUR SPECIALTIES:

## Long Fir Timber Planking Decking

Cutting orders for 2" in long lengths either  
Common or Clear (obtained as side cut).

Planer capacity 6" x 30". We do not  
operate dry kiln, but can arrange to air-dry  
in our yard to requirements.

Our Mill is on Canadian Pacific Railway with Rail Connection  
(Five Miles) to Tidewater on Alberni Canal, Navigable for all Vessels.

BAINBRIDGE LUMBER CO. Limited

Cable Address:  
Bainbridge Lumber, Victoria

Bainbridge, B.C.

Telephone and Postal  
Service at Bainbridge  
Sales Office: 421 Pemberton Building, Victoria, B. C.



# BUY BRITISH COLUMBIA Red Cedar Shingles



The life of a British Columbia Red Cedar Shingle Roof can almost be gauged by the life of the nail with which the shingle is nailed in place. Judging from available data, the average life of the ordinary steel wire nail, which has been in such common use, is only from seven to twelve years. Some wire nails will last longer, depending upon the condition of exposure, climate and similar features, but considering our climate as a whole, at the end of from seven to twelve years a large percentage of wire nails will have rusted either completely through or so extensively that the first strong wind will complete the work. The shingles that have been held in position by such nails are then free to work down, permitting rains or melting snows to leak through and damage the interior of the structure. Examination will disclose that the fibre of the shingle itself is still in perfect condition, and a leaky roof, in the majority of occasions is due entirely to the use of faulty nails, but the average home owner, placed at such inconvenience, will not stop to reason this out and the poor wooden shingle comes in for more unjust abuse.

There are several kinds of nails which experience has proven will give lasting satisfaction, and the wise dealer will advise his customers of these satisfactory nails. A pure zinc shingle nail meets all the demands of durability required. Its principal drawback is its high cost and a slight tendency to bend under careless driving. Galvanized wire nails theoretically are rust proof, and if the galvanized coating is properly applied, and of sufficient thickness, such a nail will last as long as the shingle it holds in place. The life of this shingle roof, properly applied with these nails then is from 40 to 50 years. Pure iron nails, or the old cut or wrought nails are ideal but difficult to secure. Copper nails also constitute a perfect shingle nail.



**Timms Phillips & Co., Ltd.**  
Yorkshire Bldg., Vancouver  
Manufacturers and Wholesalers  
**Red Cedar Shingles**  
3x-5x- Perfections, Royals, Imperials  
**Red Cedar Bevel Siding**

**Vancouver Lumber Co., Ltd.**  
Manufacturers  
**XXX-XXXXX CEDAR SHINGLES**  
(B. C. Inspected)  
Head Office, Vancouver, B.C. Eastern Sales Office, Toronto, Ont.

**Westminster Mill Co.**  
LIMITED  
New Westminster, B.C.  
**Red Cedar Shingles**  
**Cedar Bevel Siding**

**Dominion Timber Products Ltd.**  
Vancouver Block  
Vancouver  
Largest Manufacturers of  
**Perfection Shingles**  
in Canada

**Underhill Lumber Co., Ltd.**  
Dominion Bldg., Vancouver  
**RED CEDAR SHINGLES**  
3x-5x- Perfection and Eureka  
**CEDAR BEVEL SIDING**  
**CEDAR BUNGALOW SIDING**

**Shull Lumber & Shingle Co. Limited**  
New Westminster B. C.  
Trade Mark  
**RED BAND SHINGLES**  
**XXX XXXXX Stars Clears**  
From Mill to You

If you want a market  
for B. C. Red Cedar  
Shingles put an advert-  
isement on this page.

**Northern Pacific Logging Co. Ltd.**  
Port Moody, B.C.  
Manufacturers of  
**High Grade**  
**Red Cedar Shingles**





# Factory Trade

Are your Factory Stocks running low?

I have some handsome lines in the following

## Sash and Door Stock

5, 6, and 8/4 4 and up 6/11 White Pine

5, 6, and 8/4 4 / 7 12/16 " "

5, 6, and 8/4 7 and up 12/16 " "

*Send us your inquiries.*

For personal service, close prices, and prompt shipment,

WRITE

**J. C. BARTRAM**  
JACKSON BLDG., OTTAWA



We Want to Buy

**WINTER  
CUT**

**HEMLOCK**

**Jack Pine**

**Spruce**

**LINTON LUMBER COMPANY**  
306 Kent Building - Toronto  
Phone: Adelaide 3607

President:  
Sir William Price

Established  
1882

Vice-Pres. and Gen'l Manager  
Alfred S. Gravel

# SPRUCE

and

# Hardwood

If its good **Quebec Spruce** you want we have it ready for prompt shipment.

Mail us your inquiries.

We also specialize in **Hardwood Flooring.**

## The Gravel Lumber Co., Ltd.

MANUFACTURERS and WHOLESALERS

Mills and Head Office  
Etchemin Bridge,  
Quebec

Selling Office:  
Room 501 Drummond Bldg.,  
Montreal

# FOR SALE

## HEMLOCK

100,000 2 x 4 & 6 8/16.

100,000 2 x 8 "

100,000 2 x 10 "

## SPRUCE

200,000 2 x 4/up 8/16.

50,000 1 x 4/up "

## PINE

500,000 1 x 4 to 12 Mill Run.

200,000 5/4 x 6 to 12 " "

400,000 8/4 x 8 to 12 " "

200,000 4/4, 5/4, 6/4, 8/4 Good Pine.

All stock in good shipping condition  
write for quotations.

## The Long Lumber Company

TORONTO OFFICE: - - - HEAD OFFICE:  
25 Toronto Street - - - Hamilton, Ont.



## FOR SALE

2 x 4, 10, 12, 14 & 16 ft.  
 2 x 5, Do.  
 2 x 6, Do.  
 2 x 7/9, Do.  
 2 x 8, Do.  
 2 x 10, Do.

The above stock is nice clean, knotted Jack Pine & Spruce Mill Run, Culls out. Cut last summer and now in excellent shipping condition.

### C. A. LARKIN COMPANY

*Wholesale Lumber Merchants*

229 Confederation Life Building, Toronto, Ontario

## LUMBER OF ALL KINDS

# SANTERRE

AND

# PINEAU

Rimouski, Quebec

Manufacturers and Wholesalers of Lumber

Quality Service, and Delivery Guaranteed

MILLING IN TRANSIT A SPECIALTY

## GET THE BEST

↓  
 IT  
 WILL  
 PAY  
 YOU

OLIVER White Pine and Hardwoods add a zip to sales and send your prestige stock soaring.

*Get quotations today*

### The Oliver Lumber Co.

OF TORONTO LIMITED

6 King St. West

TORONTO



We  
 Know  
 Where  
 We  
 Can  
 Get  
 Another  
 Cracker-  
 Jack  
 Stenographer.  
 Make  
 Us  
 Do  
 It

### R. G. CHESBRO

Bank of Hamilton Bldg.

- Toronto



# Other Lumbermen are Saving Money---



## Why Don't You?

Hauling costs can be reduced and ARE being reduced by an increasing number of lumbermen every day—with Dominion Trailers.

There is no reason why you cannot accomplish the same results. If you will get in touch with us we shall be only too pleased to show you how your trucks can be made to double and perhaps treble their rated capacity. Write us today.

# Dominion Truck Equipment Co. Limited

TRAILERS  
TRUCK UNITS



HOISTS  
DUMP BODIES

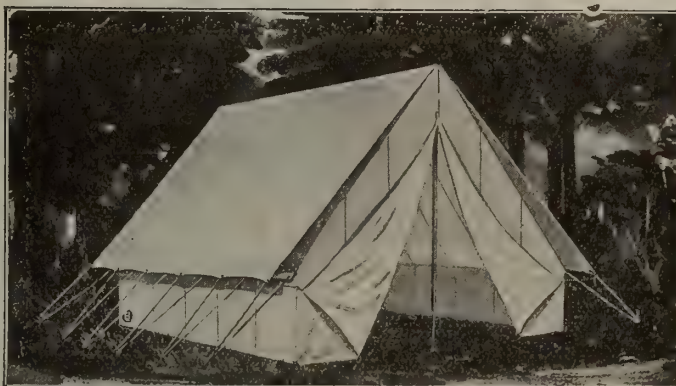
KITCHENER, ONT.

## TENTS

We make all kinds and styles of Tents, Tarpaulins, Packsacks and Dunnage Bags.

In fact we can supply all Lumbermen's requirements and give satisfaction.

Write for our new complete catalogue.



## CLOTHING

G - H - G Clothing means complete satisfaction.

With our many years of experience in making clothing for Lumbermen we know their requirements in comfort and wear.

Our **DURABIL** Mackinaws are the pride of the Lumbermen.

# Grant-Holden-Graham

Manufacturing Wholesalers and Importers

Limited

Ottawa

147-151 Albert Street

Canada



# SIMONDS

## WIDE BANDS AND LARGE CIRCULARS

**T**HE Steel—the cutting edge and the tension holding qualities are combinations which go to make Simonds Band Saws and Circular Saws the most efficient for mill work. They are used all over Canada and the United States. Write us for our catalog or further details.

**Simonds Canada Saw Co., Ltd.**

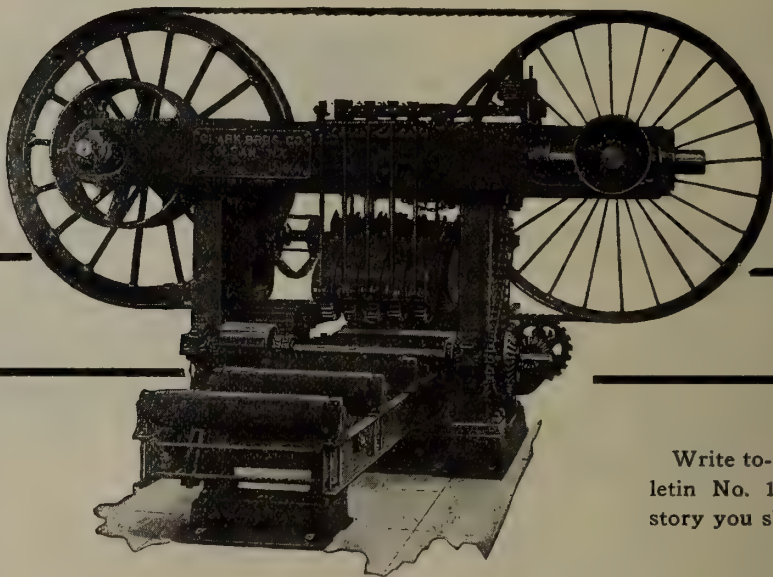
Montreal, Que.

St. John, N.B.

Vancouver, B.C.

### Modernize Your Mill—Put in Good Clark Equipment

Watch Your Output go up—Your Costs go Down



The CLARK 5 foot Band Mill shown above will save you 60% on the cost of larger stationary mills which will do no more or better work. That's a mighty big and important item for you to consider, Mr. Mill owner.

Strong, well made and designed, accurate in cutting, easily handled—with the additional advantage of being portable.

This Band Mill will not only save you money, but increase your capacity.

Write to-day for Bulletin No. 1—It tells a story you should know.

**CLARK BROTHERS COMPANY**  
OLEAN, N.Y.



# Cost Records are *Feature* at Orillia Plant

## Follow an Order Through the Factory

*An Outline of the Cost Accounting System Employed in the Woodworking Factory of J. R. Eaton & Sons, Limited, of Orillia, Ont. Featuring the Flat per Man-hour Rate Burden Over That of Old Percentage System of Applying Overhead.*

At the recent convention of the O.R.L.D.A., Windsor in January one of the most widely discussed topics was cost accounting. A few ideas on the subject were given by the members who appreciated correct cost keeping, but the majority came to the convention with an open mind on the problem. No particular cost system was discussed but a few men complained that systems they had installed were not suited to the size of their business. Of course, there are a number of ways of keeping costs, which are claimed by the users to be the best. It would seem rather peculiar then, if these well-known systems could not be adapted to any size business. Correct costs of a business is what is wanted and the smaller the business the easier it should be to bring into play the fundamental rules of the system.

Many of those, who have complained about widely known cost systems not suiting their needs, have very likely tried to install it themselves without finding out what was necessary and not necessary for their size of business. Probably they got all balled up trying to use everything in the system that a business twice their size would not require and finally gave it up in disgust.

A representative of the "Canada Lumberman" had the pleasure of visiting the plant of J. R. Eaton & Sons, Limited of Orillia, Ont., recently, and was kindly given access to the cost system employed by that firm. The company employs about 150 men and are members of the the purpose of this article but rather to give some through the factory is to with the industry will be the plant when it is said on detail work.

To start at the beginning, which is ever the right thing to do, we will follow an imaginary order through the plant, keeping our eyes open to see how they keep tab on the cost of the work.

First of all, the order when received, is taken down on the general order form in duplicate. This particular order may consist of several different items of millwork, but they are all put down together on the general order form. The original is kept on file in the office and the copy sent on to the Billing and Detailing Department.

This department first bills out a factory order for each different job on factory order forms in triplicate (See Fig. 1). The original is retained by the office, the first or blue copy is given to the Detailing Department and the second, or yellow copy, is eventually placed in the hands of the shipper. When the Detailing Department re-

ceives the blue copies, which are really the work orders, they proceed to make the necessary working drawings for each job. When this is done, the required materials are visualized and requisitioned. These requisition forms although special, are plain and no printing on them. They are about 8 inches x 4½ inches and in triplicate. The required materials for each job are written on a separate slip. As they are in triplicate, the original is sent to the office. The first copy of the material slip is also blue, but smaller, of course, than the blue factory working order. The second copy is made of white cardboard and is given to the lumber store shed foreman. The material requisitions for the original general order, it will be understood, may now be in the form of several cardboard slips, depending on the

number of different jobs on the original order. The cardboard material slips are returned with the material to the factory.

All the preparatory work has now been completed on the order; the material has been previously kiln dried, of course, and is at the factory door; the working orders and material slips are in the hands of the foreman. Before starting the machinery and bench work of the different jobs on the imaginary order, we will consider our overhead or burden.

There are many ways of applying overhead. Some add a percentage on lumber; others on labor, plus material. Percentage is not the

most equitable or the most accurate way to apply overhead. A machine may be operated by a 60-cent man one day and a 40-cent man the next. The actual overhead is the same in each case but the burden charge will vary if it is applied as a percentage on the per man-hour rate. It costs practically as much to handle 1,000 feet of oak as the same quantity of hemlock, yet if the overhead is applied as a percentage of value, the charge will be nearly three times as much in one case as in the other. A better way is to divide the overhead and apply it as a fixed charge on a definite unit. The above method as outlined by the Millwork Cost Bureau is to divide all cost or expense that is neither direct labor or direct material into five divisions:

## Division of Burden

1. Yard Burden, which embraces all cost of handling and carrying lumber from the moment of its receipt until entry to the factory, or if not worked until taken over by the delivery crew. The burden is expressed as a flat rate (dollars and cents) per thousand board feet.

2. Kiln Burden, which is composed of all cost incident in dry-

[illegible]

True records are as necessary as a true piece of equipment



ing in the kilns. It is expressed as a flat rate in dollars and cents per thousand board feet dried.

3. Machine Burden is all cost—not counting direct workmen's wage—of operating the machine equipment and housing it and work-

[illegible]

The details are tabulated daily

men. It is expressed as a flat rate of dollars and cents per direct man-hour.

4. Bench Burden is all cost—exclusive of direct workmen's wages—of operating, the bench department and housing the equipment and workmen. It also is expressed as a flat rate per direct man-hour. Finishing is considered bench work unless in sufficient volume to warrant a special division for burden.

5. Commercial burden is all cost occurring after the manufacturing processes have been completed; warehousing, selling, general office expense, delivery (not freight) and administrative expenses. It is expressed as a percentage of the factory cost, which is direct material, plus yard and kiln burdens, plus direct labor, plus labor burdens.

From the foregoing it will be seen that there are three definite

units for applying burden,—unit per M feet, unit per man-hour and unit per dollar on factory cost.

Going back to the factory where the material for our order is being distributed to the different departments, the machine operators take a card (See Fig. 3) and punch it at a nearby clock when they start on the order. When they finish it is punched again and the exact number or fraction of hours put on the job can be readily calculated. The same applies to the benchmen. Their different times on the order are tabulated also. These cards are collected at the end of each day and taken to the cost accounting department. We'll suppose now that our order is finished and so will go into the accounting department and see what becomes of the time cards. A special card (See Fig. 2) is kept and handed in by the department foremen if so necessary of work done by men outside of their own departments.

In the accounting department they have sorted out the cards on our order and are tabulating on the reverse side of the cost sheet (See Fig. 4) the date, the number of hours and the cost of both the direct time of machine and bench work. After this is completed, the totals are taken to the cost summary (See Figure 5). The cost sheet has space for customer's name, order number, date and description of order. The machine burden, as previously explained, is obtained by multiplying the number of hours by a flat burden rate, which is developed through analysis of past cost records, preferably a twelve months' period. The additional labor and burden section at the bottom of the cost summary is for an additional production department if needed. If our order were tabulated on the cost sheet, we would add the totals of direct material cost, and the machine and labor costs and burdens and the result would be the factory cost. The commercial burden is then added, a percentage of the factory cost.

The cost sheet is purely a factory cost record and there is no accommodation on it for the yard or kiln burdens and waste percentage. These burdens, of course, are included in the form of a flat rate (dollars and cents) per thousand of the purchased delivered price of the lumber. The cost of the number of feet estimated for the specific order is then calculated on the unit cost per thousand at the factory door.

A feature of the accounting system in the J. R. Eaton & Sons' plant is the large payroll book which accommodates all the names of the employees. At the top of each page the different department names head the columns, and from the daily time cards each man's time is tabulated for that day under the department in which he was working. With this system it can be readily ascertained, within a few hours' notice to the accounting department, if need be, how many hours were spent in each department in the factory for any week, month or year, and what it cost. This information is very valuable for comparing each month's figures in the various departments.

## Montreal Retailers Want Definite Grades

The Montreal Retail Lumbermen's Association have had under consideration the grading of lumber, which is admittedly in an unsatisfactory condition in the province of Quebec. Builders and contractors assert that they too often do not receive the quality which they have contracted for; retailers complain that manufacturers and wholesalers do not always furnish the lumber specified when buying; and wholesalers have not infrequently declared that the mills are at fault, and that the retailers on their part make many unjustified claims.

Many suggestions have been made with a view to find a solution of this condition. One, emanating from the Montreal retailers, is that the Provincial Government appoint cullers who will inspect the cars and whose decision will be final. It is argued that such a plan will bring up the standard of grading; that the mills will find, by painful experience that they will have to grade more carefully their stock and supply what is agreed upon; that the wholesalers will be protected and be able to give positive assurance to the retailer; and that the retailer will be certain of receiving what he is paying for and will be in a position to guarantee the quality to his customer. In short, the Government culler will be able to guard the interests of all concerned, because he will be independent and his authority unchallenged.

On the other side, it is claimed that the plan—excellent on paper—is unworkable. It is pointed out that it would require a large staff to cull all the stock coming into, say Montreal, that delays would be inevitable, especially during the winter; and that the expense would be very heavy. There are also those who are sceptical as to whether the beneficial results predicted for the plan would materialize in actual practice.

This much, however, can be said with certainty—the absence of any positive standard throughout the province is a source of a very large number of complaints.

COST SHEET						Order No.	
Name _____				Date _____			
DESCRIPTION— _____ _____ _____ _____ _____ _____ _____ _____ _____							
<b>COST SUMMARY</b>				<b>UNIT PRICE</b>	<b>EXTENSION</b>		<b>TOTAL</b>
<b>MATERIAL—</b>							
				( )			
				( )			
				( )			
				( )			
				( )			
				( )			
				( )			
				( )			
				( )			
				( )			
				( )			
<b>MACHINE - LABOR</b>				<b>HOURS</b>			
<b>BURDEN</b>				" ( )			
<b>BENCH - LABOR</b>				<b>HOURS</b>			
<b>BURDEN</b>				" ( )			
<b>LABOR</b>				<b>HOURS</b>			
<b>BURDEN</b>				" ( )			
<b>REMARKS:-</b>				<b>FACTORY COST</b>			
				<b>COMMERCIAL BURDEN %</b>			
				<b>TOTAL COST- NO FREIGHT</b>			
				<b>SALE PRICE- NO FREIGHT</b>			
				<b>PROFIT % of T. Cost</b>			
				<b>LOSS % " " "</b>			
				<b>LIST PRICE</b>			
				<b>COST DISCOUNT</b>			

The sheet that tells the story of the order



# Homely Virtues are Being Crowded Out Today

*Wholesale Lumbermen Listen to Stirring Talk on Need of World Returning to Simple, Honest Goodness of Our Grandfathers—Speed Mania Counts for Naught*

The varied character of the monthly gatherings of the Wholesale Lumber Dealers' Association was again in evidence at the March meeting held at the Albany Club, Toronto. M. B. Tudhope, barrister of Orillia, delivered a stirring address on "Some Aspects of Modern Civilization," and among the other speakers were Col. Alex. Fraser, Rev. Dr. A. H. Denoon and H. L. Pease, of Chicago, secretary National Association of Box Manufacturers. The attendance was large and the proceedings were marked by an addition to the membership ranks of four local firms,—Big Bear Lumber Co.; Thompson & Heyland Lumber Co.; Pedwell Hardwood Lumber Co. and the Kinnon Lumber Co. Col. A. R. Kenny, of the Big Bear Lumber Co., and G. D. Martin, of the Kinnon Lumber Co., were present and warmly welcomed.

A resolution moved by K. M. Brown and seconded by J. L. Campbell, was passed, extending sympathy to Graves, Bigwood & Co., Toronto, in the recent death of their accountant, John Emerson. W. E. Bigwood expressed his sincere appreciation of the kindly reference made to Mr. Emerson, whose passing had been a sad blow to the firm, with whom he had been associated for thirty-two years, not only as accountant but in a confidential capacity.

J. L. MacFarlane sang a song in good style and then Alex. C. Gordon, the chairman, introduced Mr. Tudhope, who proceeded to address the gathering along somewhat original lines. He is a speaker of wit, force and freshness of thought, and in regard to his visit said that all of us accepted responsibilities lightly when they were a long way off. In connection with our modern civilization, a definition might be a "concentrated method of making money." Living had become so complicated that the old-fashioned, homely virtues had scarcely room to breathe. The world was becoming "canned," in the sense that we get our news, our music, our politics, and even our religion, "canned" or colored. We accepted these "canned" products without thought as thinking for ourselves seemed with most people to be a lost art. The fault with modern civilization is that the world had many privileges to-day which it had never had before. People were quite willing to enjoy these but were not willing to assume the responsibility going along with them.

The trouble with the world was not economic but moral. We had built up an artificial state of things and were seeking to live up to it. All was hustle, bustle and rush for the sake of gaining a few minutes of time or adding to the excitement of existence, and in the end what did it all amount to? We were something like the kitten chasing its tail round and round. It did not matter whether the kitten caught its tail or not, and the same observation held good with respect to the speed and anxiety seen on every side.

## Get Back to the Old Virtues

The troubles in the world could not be fixed by statutes or adjusted by resolutions. We should all get back to good, old-fashioned goodness and virtues. The torch, the bomb and the knife have been tried but have never remedied anything. The explanation and solving of the riddle of modern civilization is so simple that we are constantly overlooking it. A peculiar trait of human nature was that the things we found most fault with are the very things that we are doing ourselves. We have too great a conceit of ourselves to-day, and it might well be asked, would the world not head toward another period known as the Dark Ages if the spirit of greed and grasp was not curbed. The homely virtues still lived and if it were not for these things working to a certain extent in the business world, we would be treading back dangerously near the Dark Ages. There was too much greed and speed in the business arena; everybody trying to get more. The simple trust and true honest friendships of our grandfathers' day seemed to have gone by. People nowadays did not seem to give a cuss or care a damn for one another.

Mr. Tudhope said he did not intend to preach a sermon but thought he was getting very close to it. The cure for all the perplexities and problems of modern life was the return to simple, straight old-fashioned kindness and goodness. There are many inspirations in the world, commercial, philosophic, scientific, etc., but there is another inspiration that causes sound goodness, and when our hearts become concerned in it and it gets to work, we will witness

the miracles of Christ. All are called upon to bring back into their own life simple goodness and a new conception of things. "A little bit of goodness," declared the speaker, "is akin to God and is everlasting." Mr. Tudhope urged a return to the old-fashioned friendships, faith, trust, confidence and brotherly love of the past—the goodness of other days.

Col. Alex. Fraser spoke of the need of quiet thinking. The trouble to-day was that everything was prepared for us and we neglected deep thinking in our own interests. By the exercise of thought in the right direction, and remaining cheerful, we could face our problems and solve them. Reasonable men were devoting attention to affairs and realized the weakness of civilization at the present time. They were also seeking to break the environment and push on to something better and higher.

Rev. Dr. Denoon humorously remarked that the world was evidently getting better when it could get a lawyer to preach. Men were thinking to-day of great things and realized that a man's value to the community consisted in the service he rendered and the nature of that service depended upon the quality of his character and disposition.

## Effect of Trade Organizations

H. L. Pease, of Chicago, secretary of the National Association of Box Manufacturers, said he had been pleased with the character of the addresses during the evening. One of the biggest factors in the progress and welfare of the world was in trade associations. He did not believe any man could belong to such a body without being a better business man and a better man himself. Brotherly love in business had superceded the jealousy and suspicion of former days, and now those engaged in the same line of industry met with higher purposes and nobler aims in view.

At the close a hearty vote of thanks was moved to Mr. Tudhope by J. L. Campbell and W. E. Bigwood. In replying Mr. Tudhope paid a brief tribute to the work and worth of trade associations, their broadening and uplifting effect. Where men formerly convened and listened to lewd stories or obscene references, things of greater and more vital moment were now considered and discussed, tending to bring out all that is best in ourselves.

Guy H. Long, of Hamilton, who was in Toronto attending the district Rotary convention, was given a cordial reception after his absence for some months. He stated that he was pleased to see many new faces around the festive board, which was an indication of growing influence and added membership. The present occasion was also one of interest to him in that it was the nineteenth anniversary of the birth of the Long Lumber Co.

## Lumber Business is Active Everywhere

W. B. Mershon & Co., of Saginaw, Mich., state there has never been a time since they have been manufacturing band saws,—and that is nearly thirty years,—when they have had as many unfilled orders on their books as at the present time. They have 17 band rip saws ordered and various other resaws for sawmills, planing mills, etc., which brings their total up to about 40.

W. B. Mershon, president of the company, says that they turn out about four machines a week and are thus filled up for a long time ahead. "Our prosperity," he adds, "is caused by the prosperity of the lumber business and the country as a whole. All lines of trade seem to be active and there is going to be an enormous amount of building this spring. People have pretty generally made up their minds that they are not going to get their material and labor any cheaper by waiting. They have already waited longer than they wanted to so they are just going to shut their eyes to it and build. The farmers to the south are feeling better and are getting a good price for their cotton. I wish the wheat farmers of the west and northwest were sharing in this prosperity to a greater extent."

Concluding, Mr. Mershon adds,—“Business is good and is going to be good in this country for quite a while. Next year will be a Presidential year and I never knew business to be good during a Presidential campaign so you might just as well make hay while you can, for next year we will all probably be dormant.”



# Big Undertaking in Quebec Province

## Minister of Lands and Forests Says Waterpowers Cannot be Held Inactive by Speculators

In a recent address delivered by Hon. H. Mercier, Minister of Lands and Forests for Quebec before the Canadian Club in Montreal, he made it clear that the time was past when Quebec's national wealth in water powers could be exploited for the entire benefit of the interests owning them, and that the era had even more emphatically passed when such water powers could be secured and held inactive by speculators. He emphasized the fact that Quebec's water power wealth was so vast that even of the known possible developments only a small proportion had been utilized, while in the more remote sections of the province there were possibilities of developments to the extent of millions of horse power which had not even yet been surveyed.

A contract had recently been let for the Lake Kenogami storage dam, to ensure a steady flow of water to the pulp and paper mills at Chicoutimi and Kenogami. At present these mills could only operate at full capacity four or five months a year. When the dam was completed they would work the year round, and their annual capacity would be increased by 50,000 tons. The dam would cost about \$2,000,000, and the benefitting companies were bound to pay the Government interest, sinking fund, maintenance and provision for a small profit to the province. (Applause.)

It was a notable fact that most of the important power sites, capable of over 50,000 h.p., were situate within reach of industrial centres. Recently the contract had been let for the big dam at the grand discharge of Lake St. John, the contract with the Quebec Development Company covering a long term of years requiring them within five years to develop a minimum of 230,000 h.p., at a cost of \$12,000,000. To utilize such electric energy would mean the erection of mills representing \$15,000,000.

Recent Dominion figures had shown that the commercial power of Quebec's hydraulic forces represented 11,604,052 h.p., or double that of Ontario. At present 500 men are employed at the preliminary work at the Grand Discharge, which would be increased by 2,000 men within two months, and later on by 2,000 more, and the whole development would be completed within four years, while the dam would raise the level of Lake St. John, to the great benefit of its navigation.

Another recent important contract made by the Government was on the North Shore of the Gulf, and involved the lease of 2,000 square miles of timber limits, and a 75 year lease of the Outardes River power. Under competitive sale an annual rental of \$6,000 was paid for the water power, with \$400 a square mile bonus for the timber limits and the regular \$2.70 per thousand stumpage, the whole contract going to the Ontario Paper Company at stumpage dues equal to \$6.05 per thousand feet, the largest ever obtained, while the company bound itself to develop 15,000 h.p. and to build and operate a pulp and paper mill of 100 tons a day capacity. This, said Hon. Mr. Mercier, was one of the most favorable transactions the province had ever made for the people, and would mean great industrial development for the North Shore.

Mr. Mercier mentioned other important water powers on the North Shore, and in other parts of the province, running from 50,000 to over 100,000 or more h.p. The time had come for the utilization of the province's public resources to the fullest possible extent.

## Claim is Allowed on Timber Contract

Napoleon Turcotte et al. were successful in their action against Gedeon Fredette, in a judgment given recently by Justice Mercier in settlement of a case heard in the district of Hull, Que. The court condemned the defendant to pay the sum of \$300.56, with interest starting from the date of the institution of the action and the costs. In default of payment of this sum the court ordered that 115,945 feet of wood, which had been seized, be sold according to law, so that the plaintiff be paid the sum claimed in the action.

The plaintiffs sued the defendant in recovery of a sum of \$433.50 and accompanied their action with a conservatory seizure. The plaintiffs alleged that during the month of May, 1921, they contracted to cut for manufacture hard wood for the defendant in the parish of St. Remi of Amherst, in the district of Hull. During the months of May, June and July they cut 115,945 feet of hard wood for the defendant. The value of such work was reckoned at the rate of \$9 a thousand feet.

In June, 1921, defendant paid on account \$210; in July he paid \$400, making a total of \$610. The balance due was therefore \$433.50. The wood cut by the plaintiffs was still at St. Remi of Amherst, and

they took a conservatory seizure on it, claiming that they had a right of retention on the wood as a guarantee of payment of their wages.

Defendant pleaded that he had nothing to do with the plaintiffs, but had made arrangements with Rev. Mr. Tremblay, parish priest of St. Remi of Amherst, who contracted to cut the wood at a cheaper rate than anyone else. Defendant said he had paid the parish priest the sum of \$610 for the work done.

Justice Mercier said that there were three questions to be decided. The first was whether Gedeon Fredette had contracted with the parish priest of St. Remi of Amherst or with the plaintiffs for the cutting of the wood. The second question was, what were the terms of the contract, supposing that the contract was between the plaintiffs and the defendant? The third question was, what should be charged for the work under the circumstances revealed by the evidence in case the rate had not been definitely fixed by the contract?

There seemed to be no doubt, declared Justice Mercier, that the contract was between Fredette and Napoleon Turcotte et al., with the parish priest aiding. The proof also showed, in the opinion of Justice Mercier, that when the contract was made it was agreed that the plaintiffs would cut the wood as cheaply as possible, no definite rate being fixed. The lowest rate asked for by other mills was \$8 a thousand feet for hard wood and \$7 a thousand for soft wood. The proof also showed that the defendant's wood was difficult wood to cut and the rate of \$9 a thousand feet charged by the plaintiffs was therefore not an exorbitant rate, under the circumstances. In settling the third question, the court decided that, as there had been no rate fixed by the contract, it came within the province of the court to fix the price.

Justice Mercier proceeded to assess the value of the work and taking into consideration all the conditions, he reached the conclusion that there was a balance of \$300.56 due to plaintiffs. Judgment was given accordingly.

## Operation of New Type Gates Furnace

The Gates Engineering Co., Limited, 314 Notre Dame St. West, Montreal, are among the few firms who contract for and specialize in boiler setting and furnace building, oven work and power plant brick work. The President, Mr. J. W. Gates, has had a wide experience in this field of operation. Coupled with a thorough knowledge of refractories, this has placed him in the forefront of his profession and lead him to devote considerable thought to economic combustion of waste of by-product fuels and coal fuel. Mr. Gates has United States and Canadian patents covering furnace linings, non-clinkering furnace blocks, arches and jambs, air cooled and water cooled suspension harness for flat arches suitable for burning sawdust, shingle hairs, edgings, tan bark, paper mill refuse, etc.

To burn these waste fuels under boilers efficiently depends upon three conditions, developed in the Gates Engineering Company's patented furnaces,—high temperature, correct supply of air, complete mixture of pre-heated air with fuel gases and taking care of 50 per cent moisture.

With these conditions under control, furnace efficiency is secured. Mr. Gates has designed a furnace to overcome the trouble experienced in a standard furnace, caused by sawdust coning and burning at the edges only, which admits excess air and cooling off the furnace.

In the new type of furnace installed down east in one of the large pulp and paper mills, Mr. Gates has provided a perfect method of feeding the fuel to the grates of the furnace at precisely the rate at which combustion takes place. The furnace, which is fitted with grates at an angle of 54 degrees, permits the fuel to flow in a flat stream covering the grates with an even bed. As the fuel is consumed more is supplied by gravity and a bed of unvarying thickness is maintained. The thickness can be changed at will to suit the draft by raising or lowering the fuel louvers. The flat fuel bed of sawdust insures proper draft distribution and greatly increases the rate of combustion. With the furnace just installed the company are developing 747 h.p. with a water tube boiler containing 5,000 square feet of heating surface. Prior to the changing from a standard setting to a "Gates patent furnace" setting, the best that the company could get was 250 h.p.

The furnace under that unit has been built to burn any kind of fuel, sawdust, tan bark, chippings from wood room, shingle hairs, lathe material cuttings (or coal). If necessary, when waste fuel is not available, firing can be done through the lower fire doors provided for this emergency. A set of shaking and dumping grates is fitted to this type of furnace and also a moisture absorbing roof, making the furnace an all around, up-to-date, efficient furnace which develops perfect combustion of fuels.



# The Log Driver's Lure

## Prelude—The Magic of Spring

By M. D. Geddes, Calgary

King Sol, beaming down from his pathway on high,  
Flung a whiff from his nostrils that reached into space;  
King Winter rebelled that his rival should try  
To again wrest full power in Spring's time-honored race.  
But the slow-lengthening days under Sol's kindly smile  
Undermined Winter's strength; 'tis the logic of life—  
Strength is never so strong that it holds all the while,  
And weakness is often the stronger in strife.

So the ice and the snow felt a new life within,  
An impulse to move, to be onward—away,  
And blindly obedient some new goal to win,  
They start ever ready, content to obey;  
At first a mere trickle, a splashlet of sound,  
A sweet droning hum in the murmuring rills;  
Then wide foaming torrents, log crested, abound,  
Dame Nature now rushes Man's grist to the mills.

The pent-up resources of each flake of snow  
Have broken all bands; each joined with its neighbor  
Is brimful of energy, surging to show  
Its bouyant, aggressive contempt for hard labor;  
Just load on its back the entire winter's pile,  
And swiftly the slave does the task of its master;  
But should the poor boss leave his job for a while,  
The slave's mighty strength piles up heaps of disaster.

The long grind of winter is ended at last  
The log driver's dream has again become true;  
The spell of adventure around each is cast,  
Full stout are the hearts of that manifold crew.  
The pull of the peavey each riverman knows,  
The thrill of the moment he breaks his first jamb,  
The spice of the danger is gripping, and grows,  
So Tom, Dick and Harry are there with black Sam.

With peaveys and canthooks and pikepoles galore,  
Calked boots, rusty boom chains, a light slippery boom,  
A dry squeaking windless, each turn a sad roar,  
Thus slowly the gang crosses old Benson's lagoon  
Where the whole winter's cut had been piled mountain high,  
Awaiting the magic of spring's mystic wand;  
And now at the river's mouth safely they lie  
Till Mac thunders forth his gruff word of command.

'Twas a galley slave's life to cross Benson's lake,  
A slow steady grind at the windlass each day;  
While ahead Spirit River, swift flowing, oh, jake!  
The heart of each driver was bouyant and gay;  
For danger is joy to the log driver's soul,  
And sweet is the music of waters a-swirl;  
Each courting the chance of an uncertain goal,  
With the zest that he would the fond smile of a girl.

The morning was fair as a spring morn can be,  
The balm of the air and the whiff of the breeze  
Made life one grand joy, and yet that day three  
Should find their last resting place under the trees;  
Big Mac gave the word and Joe opened the boom  
Then swiftly each log found its place in the stream;  
They jostled each other, each claiming more room,  
Crisscrossing in sport like a "mad hatter's" dream.

At the gulch near Guy Porter's with swift water raging  
And the old saw-tooth rock in mid-stream towering high,  
Two forty-foot timber sticks, battle engaging,  
Soon blocked all the traffic and stemmed the stream dry.  
Four men had been stationed to keep this spot open  
And proud were the men who were picked for the fray;  
All realized fully that no higher token  
Could ever be paid, than was paid them that day.

With rivermen, leadership, courage, endurance,  
Rare dare-devil-deftness (pure gold of the trail)  
All whipcord and whalebone combined with assurance,  
With these naught can ever make log drivers quail.  
The might of "white waters," her trouble crop sowing  
Flings all that's afloat in one most mighty jamb  
The lot falls on Harry, with youth overflowing  
So girlish and slender yet scarcely a man.

He quailed not one whit as the key log he parted;  
Two swift starting strokes, how the chips flew afar,  
He quailed not forsooth as undaunted he darted  
Where madly logs leaped like wild stallions at war.  
The war of the waters, logs shrieking, death haunted,  
The crash and the smash and the madd'ning pell-mell  
And here this young stripling, alone and undaunted,  
Like the devil at bay in the cauldron of Hell.

Like a fisherman's cork, tugged far down, liberated;  
A log bobbing up flung him high in mid-air,  
He grasped a slim branch and swinging there waited,  
One arm dangling limp, yet no whimper or prayer;  
His friends in mute agony watched him in wonder,  
Oh God, but it's hard to see wrong crushing right,  
Here youth, courage, manhood seemed forced to go under  
And die in the grip of an unequal fight.

What! can it be possible? Look! how he's climbing,  
His teeth grip the branch then now reach with his hand,  
His friends now take heart, they too are combining,  
A rope, oh a rope for he yet may reach land.  
He flutters aloft like a bird winged and dying,  
Beneath him a maelstrom of saw-logs gone mad,  
White water, rocks, logs, are with each other vieing,  
To see who can conquer the game of the lad.

His arm muscles failing, his teeth losing power,  
He sees hell below on its annual spree,  
Appearances point that he's near his last hour,  
But he jumps square and true from his grip on the tree,  
Lands firm on a "king" log, all new pitfalls foiling,  
His chums jump to rescue this pall of their pride,  
All riding superbly through white water boiling,  
Seem more safely "horsed" than a rancher astride.

The might of Niagara thundered around them,  
The canyon of death gave their "steeds" a new thrill,  
The pitch and the toss of the waters, though, found them  
Well versed in the lore of all river craft skill.  
They knew none had ever survived this ordeal,  
And two had deliberately entered to save,  
Though outwardly rough they were true as tried steel,  
"My life for my friend" is the thought of the brave.

No pikepole to balance, arm broken, poor Harry,  
His log strikes a rock now he's fighting, midstream,  
Black Sam throws his rope, too short, it can't carry;  
He plunges at once like the "shade" of a gleam  
With long light'ning strokes now he reaches unerring,  
The spot where brave Harry had dropped out of sight,  
He dives, then is flung by a log, like a herring  
Is tossed when the fisher has ended its fight.

Tom's eyes they are glued to his log and the river;  
He knows not, as yet, that two chums are no more,  
Dick follows on foot with his nerves all a-quiver  
A-hoping 'gainst hope Tom may safely reach shore.  
The banks are so high and so rough is the going,  
Tom plunges and bounding and burling alone;  
A curve of the stream and Dick cuts across, knowing  
'Tis his only chance to forestall the "Swan Song."

The narrows he reaches all puffing and panting  
Of this wicked gorge this one spot is most damned;  
Tom soon swings in sight, you'd just think he was jaunting,  
The smile and the poise and the distance from land.  
Dick realized quickly his one chance was roping  
His chum on the crest of the "Devils's Delight,"  
He throws, arm unerring, the pluck found him groping  
Along with his chum in the darkness of night.

Together they shot through the sheet of white water  
Together descended midst logs, froth and foam,  
Together so far and perhaps yet hereafter,  
But not on green earth will both hithermore roam.  
Some pals later found them, a willow branch weeping  
Hung low over Dick, Tom was gasping for air,  
He quickly recovered but Dick still is sleeping,  
And down through the years three green mounds linger there.





The groundwood pulp mill recently completed at Kenora by Backus-Brooks Company

### New Pulp Plant at Kenora Starts

The residents of Kenora, Ont., a town which has long been associated with the developments of the forest interests of northwestern Ontario, are delighted at the inception of a flourishing industry which has been launched by the Backus-Brooks Company. The new 80-ton groundwood pulp mill, erected by this organization, started up recently and a new era of industrial life has been entered upon. The construction of the pulp mill will be followed by the building of a large newsprint plant, excavation for which will be begun in the near future. Kenora will thus take its place among the leading centres of Ontario as a pulp and paper producing municipality.

A description of the new plant of the Backus-Brooks Company is interesting and instructive. From the power house the power is transmitted to the pulp mill sub-station over two double circuit three phase feeders. The cables, twelve in all, are supported on steel towers, spaced 180 feet apart, the total length of transmission line being 4,000 feet. From the sub-station power is distributed to the various mill buildings; for the grinder motors the power is carried through at 2,200 volts to the grinder switchboard, while power for the other motors is carried from the sub-station, where the transformers are located at 550 volts.

The pulpwood used at the mill will come from the Lake of the Woods through a log sluice into Rideout Bay. A conveyor will take the wood from the water to the slasher table. Here it will be cut into four foot lengths and then go into the barker. The bark is taken care of by going through a 20 in. bark press, and is then conveyed to the boiler house for use as fuel.

The barked wood is carried to the storage room over the top of the magazine grinders, and is here stored for use when the wood room is not operating. There is sufficient room for enough wood to run the mill twenty-four hours at full capacity.

The grinder room is equipped with four standard magazine grinders, built by the Waterous Engine Works, Co. of Brantford, and each pair is driven by a 2,800 h.p. synchronous motor. The motor is direct connected to the two grinders, being situated between them, so that in case of repairs or replacement of stones being necessary, the grinder can be uncoupled and the other unit operated while repairs are being made.

The stock from the grinders flows by gravity to the bull screen. This screen is of the rotary outward flow type built by Hymac, of Montreal. The slivers are discharged to a catch basin at one end of the screen, collected and put back into the magazine and reground. The accepted stock from the bull screen is then pumped to the flow box ahead of two Sherbrooke knotters, where any coarse slivers that the bull screen fail to remove, are taken out. The stock then goes through Sherbrooke centrifugals, and the tailing from the centrifugals goes to Sherbrooke tailers. The accepted stock flows by gravity to the wet machine room.

The accepted stock from the tailers reverts to the bull screens, while the tailing from the knotters and tailers travels to a Clafin engine to be reground. The system is entirely closed, and a one hundred per cent yield from the wood is available. No slivers, white water, or stock in any form is allowed to go to waste. White water is used throughout the mill except on the wet machine cylinders, and the wet machine felt showers. The fresh water used for pressure on the grinders discharges back into a suction tank and is continually reused.

The wet machine room is equipped with eight 84 in. Waterous wet machines, and two 86 in. Dominion machines, and four Southwark 600-ton hydraulic presses. Two Nash vacuum pumps supply the vacuum for the wet machine vacuum boxes.

### Sawing Season Will Begin Early

Many sawmills will be starting operations during the latter part of this month and early in May. It is not known yet how the supply of common help will be but it is stated that, in some centres, there will be an increase for rough labor around the mill and yard. Last year when the lumber business was dull and the outlook none too promising, some firms paid men 25 to 30 cents an hour but it is rumored that there will be an advance of 10 to 15 per cent, owing to the better trade outlook and the fact that men may be scarce at certain points. \$3.00 may be the minimum for a married man.

Speaking of the outlook generally, a leading Ontario operator stated recently that skilled labor, such as sawyers, doggers, setters, filers and others would receive the same pay. They had not been reduced nearly as much from the peak figure as had common labor and were, therefore, on a better basis. The men on the drives will perhaps, receive about the same as last year,—from \$2.00 to \$2.50 per day and board. It is expected that in all sawmill centres labor will be pretty well employed during the coming season.

### Appeal in Morin vs Hammond Co.

Notice of appeal from the recent judgment of the Supreme Court of Canada in the case of J. P. Morin, of Madawaska county, N. B., vs. the Hammond Lumber Company of VanBuren, Me., awarding the plaintiff \$10,900 with costs, including the costs of the courts, has been given by the plaintiff company who are preparing to take the case before the Privy Council at London, Eng.

The judgment of the Supreme Court of Canada was given during the month of December past, upsetting the decision given by the Supreme Court of New Brunswick on appeal from the decision of Mr. Justice Barry, in which Mr. Justice Crocket dissented. The plaintiff's claims were refused on trial before Mr. Justice Barry, the damages being assessed at that time by a jury at \$10,900, the amount finally awarded by the Supreme Court of Canada.

The original action arose out of contracts let by the Hammond Lumber Company for the cutting of some five millions of logs, subcontracted for by various operators; among these was the plaintiff, who had taken a contract to supply a million feet of logs. This arrangement was later upset by the departure of the chief contractor, who had sublet the smaller contracts, without making payments to the smaller operators. A new verbal agreement was claimed by the plaintiff to bridge the difficulty between the plaintiff and the defendant company, which was later repudiated by the company on the grounds that no contract existed, no written agreement having been made.

The case was first tried before Mr. Justice Barry with a jury, the plaintiff's claims being disallowed, while the damages were assessed at the amount of \$10,900. This decision was upheld by the Supreme Court of New Brunswick on appeal, Mr. Justice Crocket dissenting. In November of last year the case was argued before the Supreme Court of Canada.

### Logging Costs are Considerably Higher

The Huntsville Lumber Co., of Huntsville, Ont., state that their stock is considerably less at present than it was a year ago and there is a better demand for hardwoods. The trade outlook is regarded as better than in 1922. Costs of production during the past season have been higher owing to the increased wages for labor and more particularly as the winter in the Huntsville district was an unfavorable one for operating. Hauling was late in starting and the snow was too light to make roads. Influenza affected both men and horses to a great extent during the cold months.



# Retail Lumbermen Will Have Summer Outing

## Executive Decides upon Trip down the St Lawrence—Selects Standing Committees for Year and Decides to Hold Next Annual Convention in Toronto

A quarterly meeting of the directors of the Ontario Retail Lumber Dealers' Association was held in the Board of Trade Rooms Toronto, on March 22nd. Much important business was transacted, the standing committees were appointed for the coming year and plans made for a forward movement in many directions.

Toronto was selected as the next place of the annual meeting which will be held in January 1923, and it was also decided that the midsummer outing should be in the nature of a steamer trip, taking in the important points of Lake Ontario and the Thousand Islands. The details were left in the hands of a competent committee.

K. J. Shirton, of Dunnville, president of the Association, presided, and there were present:—Messrs. W. M. Tupling, Orillia; F. B. Van Dusen, Brockville; W. E. Savage, Mimico; J. M. Rodgers, Barrie; John T. Grantham, Brantford; M. R. Bogart, Chatham; A. R. Sanders, St. Thomas; J. C. Scofield, Windsor; S. L. Lambert, Welland; E. C. Russell, Walkerville; J. B. McKenzie, Georgetown; John C. Gilchrist, Toronto; and the secretary.

The president presented a report of Standing Committees appointed for the current year, as follows.

Insurance & Workmen's Compensation.—W. C. Laidlaw, Toronto, Chairman; G. P. Davidson, Ottawa; J. N. Rodgers, Barrie; W. C. Irvin, Toronto; J. C. Scofield, Windsor.

Legislation & Transportation.—B. F. Clarke, Glencoe, chairman; O. W. Rice, Welland; E. M. Barrett, Ottawa; R. J. Press, Hamilton; F. B. Van Dusen, Brockville; M. R. Bogart, Chatham.

Membership, East.—F. B. Van Dusen, Brockville; E. M. Barrett, Ottawa.

Central—John C. Gilchrist, Toronto; Tom. Paterson, Toronto.

West—J. B. MacKenzie, Georgetown; Harvey Crosthwaite, Hamilton; Andrew Wise, St. Catharines; J. T. Grantham, Brantford; Emil Kalbfleisch, Stratford; G. S. Zimmerman, Tavistock; O. W. Rice, Welland; H. J. Hall, Kitchener.

South—J. T. Wallace, London; L. H. Richards, Sarnia; A. R. Sanders, St. Thomas.

North—F. E. Hollingsworth, Sault Ste. Marie; Martin McDonald, Port Arthur.

Trade Relations & Arbitration.—J. B. Reid, Toronto, chairman; W. C. Irvin, Toronto; W. B. Tennant, Toronto.

Standard Sizes & Grades.—W. M. Tupling, Orillia, chairman; W. E. Savage, Mimico; F. B. Van Dusen, Brockville; W. A. Hadley, Chatham; G. S. Zimmerman, Tavistock.

The secretary reported progress in connection with the Mechanics' Lien Act, stating that the legal representatives were seeking to have some amendments made to the act, introduced by the Hon. W. E. Raney in the Ontario Legislature, which had already received the first reading. The secretary also reported in regard to the changes in the new act as compared with the old one, which made it to some extent a more satisfactory act for the lumber and supply dealers.

On motion of Mr. J. B. Van Dusen, seconded by Mr. John T. Grantham, the action taken by the secretary in connection with the Mechanics' Lien Act was approved, and he was instructed to take whatever further action he considered advisable.

### Building and Loan Association Proposal

At this stage of the meeting, Mr. J. B. Carswell of Toronto, Mr. J. M. Piggott of the Piggott-Healey Construction Co., Hamilton, and Mr. R. J. Mero, vice-president and general manager of the Trust Concrete Steel Co., Windsor, entered the meeting, having been invited to attend for a conference upon the subject of Building and Loan Associations. The necessity for local building and loan associations was then discussed by Messrs. Shirton, Scofield, Carswell, Piggott and Mero and, at the conclusion, Mr. Carswell stated that the visitors understood quite fully the views of the retail lumber dealers and would submit them to the directors of their own associations. He assured the lumber dealers that they could count upon a very considerable amount of co-operation from the contracting and building interests.

Mr. Carswell concluded with an invitation to the O.R.L.D.A. to become affiliated with the Association of Canadian Building & Construction Industries, with headquarters at Ottawa. Mr. Shirton, president of the O.R.L.D.A., advised them that the Association would take the matter into consideration and report subsequently.

Before the visitors retired, a short discussion took place in regard to the Mechanics' Lien Act. Messrs. Carswell, Piggott and Mero then withdrew.

On motion of Mr. M. R. Bogart, seconded by Mr. J. C. Scofield, the secretary was instructed to communicate with the secretary of the Association of Canadian Building & Construction Industries and ask them for full particulars regarding the objects of their association and the cost of membership, and to report at the next meeting of the Directors.

The secretary-treasurer presented a statement of Association finances for the first three months of the year showing a good balance on hand. On motion of Mr. J. C. Scofield, seconded by Mr. E. C. Russell, it was carried that the question of investing a portion of the surplus funds on hand should be left with the president and secretary, with power to act.

### Same Rate Continues on Joiner Work

Mr. W. M. Tupling reported that he and Mr. Rose of Ottawa had attended conferences with representatives of the railway companies and the Canadian Manufacturers' Association in connection with the proposed reclassification of freight rates for joiner work, and that the result was very satisfactory to members of our Association. The proposed new classification, which had involved increases in freight costs from ten to fifty per cent, had been abandoned by the railway companies. An agreement was reached which would practically continue the rates in effect, with one or two changes which were in the nature of reductions. Also, the minimum carload weight had been fixed at 20,000 lbs., although the railway companies had wanted to increase it. On motion of Mr. J. C. Scofield, seconded by Mr. E. C. Russell, it was carried that a vote of thanks be extended to Messrs. Tupling and Rose for their very efficient service in connection with these conferences, and that their traveling expenses in connection therewith be paid by the Association.

The secretary reported that Mr. G. S. Zimmerman, chairman of the Standing Committee on Cost Accounting, desired to wait until early in June before calling his committee together, on account of his own business year ending about that time. Mr. Zimmerman had stated that in the meanwhile he would get in touch with the members of his committee and take the matter up as far as possible by correspondence.

The secretary submitted a proposed trademark, which was examined by each member present, and on motion of Mr. J. C. Scofield, seconded by Mr. M. R. Bogart, the secretary was instructed to ascertain at what cost cuts of this trademark for the use of members could be obtained, and to report at the next meeting, and to pay if necessary the expenses that had been incurred in connection with the preparation of the trademark sketch.

In conformity with a resolution carried at the annual meeting, the next item of business was consideration of the distribution of the province into sections and branches. On motion of Mr. E. C. Russell, seconded by Mr. J. B. Van Dusen, it was carried that a committee be appointed to work out redistribution, in connection with the secretary, and report at the next meeting; the committee to be appointed by the president and secretary.

### Toronto Gets the Next Convention

The place at which to hold the next annual meeting was discussed. Mr. J. C. Gilchrist, Toronto, stated that the retail lumber dealers of Toronto would be much gratified if the meeting were held in Toronto. It was moved by Mr. W. M. Tupling, seconded by Mr. M. R. Bogart, and carried that the next annual meeting should be held at Toronto about the third week in January, on dates that would not clash with the annual meeting of the Canadian Lumbermen's Association; that the sessions should occupy three days; that a special committee should be appointed for the purpose of making the annual meeting a success, consisting of R. A. Laidlaw, Toronto, chairman; W. E. Savage, Mimico; T. A. Paterson, Toronto; T. E. Rathbone, Toronto, and the president, Mr. K. J. Shirton; and that this committee should be requested to work out a plan by means of which the expenses of the convention might be met by a charge made upon each member attending.

The directors then discussed the question of a midsummer outing. The secretary submitted information he had obtained regarding



a trip through the Thousand Islands to Montreal and return; a trip to Niagara Falls and Buffalo and return; and a trip on Lake Erie, taking in Buffalo, Cleveland and Detroit. A representative of the Canada Steamship Lines was summoned to the meeting by telephone and gave information as to available trips. On motion of Mr. J. C. Scofield, seconded by Mr. J. B. Van Dusen, it was carried that the midsummer outing should be in the nature of a trip taking in the important points on Lake Ontario and in the Thousand Islands, details to be left in the hands of a committee to be appointed, for whom further information would be furnished by the Canada Steamship Lines. The directors discussed the personnel of this committee, and finally the president appointed a committee consisting of Messrs. W. B. Tennant, Toronto, chairman; W. E. Savage, Mimico; John Irvin, Weston; J. B. Van Dusen, Brockville; J. B. MacKenzie, Georgetown; H. R. Bogart, Chatham; W. M. Tupling, Orillia, and S. M. Lambert, Welland.

On motion of Mr. J. B. Van Dusen, seconded by Mr. A. R. Sanders, a vote of thanks was carried, to be extended to the Toronto Board of Trade for the use of their Council Chamber for the meeting.

### Reliable Data on Strength of Woods

The question of the relative strength of different woods very frequently arises in manufacturing, engineering, building and many other branches of modern industry, and decision as to the kind of wood to be used for a particular purpose is often based on mere opinion, guesswork or figures of doubtful reliability. There is no necessity for this state of affairs so far as Canadian timbers are concerned as the strengths of all native commercial woods have been extensively investigated at the Forest Products Laboratories of Canada (Dominion Forestry Branch) Montreal, where authoritative information on the subject is on record.

The testing of timber for strength has been revolutionized in recent years and uniform methods are now in use at the government timber research laboratories in India, United States, Canada and elsewhere. These methods, which may be regarded as standard, cover every phase of the operation from the selection of the timber in the woods to the recording of the results of the various tests. Timber Testing is only one of the functions of the Forest Products Laboratories of Canada, but the extent of their investigations in this particular direction is indicated by the fact that upwards of 45,000 tests have been made during the past eight years.

### Snow Handicaps Logging in the West

A recent despatch from Vancouver says that the lumber industry of British Columbia has been crippled by an unprecedented snowfall. The sawmills of the province are built more like summer camps than like buildings suitable for zero weather and the cost of operating in cold spells adds from \$1 to \$5 a thousand to the cost of cutting lumber, thus taking more than the profit out of the trade.

Logging camps suffered even more than the sawmills as the snow was piled from four to six feet high in the majority of the camps, particularly in logging camps on Vancouver Island. It will be days before the loggers can get to work again and this is liable to hold up the supplies for the mills.

Never in the history of the lumber trade has the industry been caught in the same position it was lately.

All mills have their books full of orders, nearly all on a basis of \$21 for No. 1 common. Logs are scarce with every probability of an advance in prices, which would cripple the lumber manufacturer as he is already paying \$18 for his No. 2 logs and there would be no spread for the cost of cutting if logs continue to go up.

### Penetang Industries are Working Overtime

J. T. Payette, of the P. Payette Co., Penetanguishene, Ont., says that since last December, business has been exceptionally good. The Adams Engine Co. and the P. Payette Co., both of which are owned by Mr. Payette, have now as many employees as they did during the best times of the war. The industries are working three nights a week overtime and find it difficult to keep up with orders. Mr. Payette says the lumber business especially looks bright and he does not think there has been much wildcatting done. Many large mills have sold their output for 1923. Mr. Payette concludes,—"We recently had a letter from an American lath-buying firm who wrote us asking if we could not procure them some lath from the different concerns to whom we sold our machines. We took our

list and wrote each one individually, but all we were able to gather were three carloads of 32-inch spruce lath. This shows that the country must be pretty well cleaned out of lath."

### Canada Has Hidden Reserve of Lumber

That Canadian loggers have been unwillingly amassing a great reserve of perfectly sound logs for a more enterprising generation to collect is suggested by the Forest Products Laboratories of Canada (Dominion Forestry Branch). This reserve is to be found in the beds of those streams where log-driving has been carried on for many years. Such sunken logs will remain sound for thousands of years, in fact as long as the streams run over them, and no better way, declare the Laboratories, could be devised to protect them from the causes of decay. Many pulp and lumber companies estimate their loss of logs by sinkage at five to ten per cent so that a stream which has been used to drive logs from the forest to the mill for twenty years should contain at least the equivalent of a year's cut of good logs.

### New Retail Lumber Yard in Kitchener

H. Koepke, of Kitchener, Ont., who has been a well-known contractor for several years, is starting a retail lumber yard and planing mill in that city which will be in operation this month. The planing mill, which is nearing completion, is fully equipped with all the most modern machinery for the manufacture of sash, doors, etc. It is a two-storey structure with the installations distributed on both floors. The business will be known as the Twin City Sash & Door Co., of Kitchener. The firm will continue to do general contracting under the direction of Mr. Koepke, who is a progressive citizen.

### British Journal Criticizes Mail Service

Has the Canadian mail service to Britain deteriorated since the pre-war days. The Timber Trade Journal, of London, Eng., the organ of British trade, replies to a resolution passed by the Canadian Lumbermen's Association, deploring the absence of information about Canada's export of timber in the British press, by the statement: "There is considerable difficulty in obtaining news from Canada. Before the war mail was frequently sent via New York and was delivered in eight or nine days, whereas now, owing to the absence of an agreement with the United States, there is no certainty that the mail longer."

### Sudden Death of John Emerson

Many friends of the lumber industry will learn with regret of the death of John Emerson, 3 Algonquin Ave., Toronto, who died very suddenly on March 12th while on his way to work. He was accountant for Graves, Bigwood & Co., Bank of Hamilton Building, Toronto, and had not been in the best of health for some time owing to heart trouble. While boarding a King St. car at Sunnyside he was seized with a sudden weakness and expired a few minutes afterwards while being taken in an automobile to the hospital.

Mr. Emerson, who was 57 years of age, was born in Belfast, Ireland, and had been employed by Graves, Bigwood & Co. for thirty-two years. He joined the organization in Buffalo and had worked at Wahnapiatae, Nairn, Byng Inlet and Toronto. He is survived by a wife and family of eight children. His passing is greatly regretted by the members of the firm with which he was associated for so long a period not only in a financial but also in a confidential capacity. He enjoyed the esteem and respect of a wide circle of friends, many of whom attended the last sad rites.

### F. M. Anderson Joins Silent Majority

Frederick M. Anderson died recently in the Soldiers' Memorial Hospital at Campbellton, N.B., from the effects of the grippe and pneumonia. He was formerly woods manager of the Shives Lumber Co., but retired from that position some time ago. Mr. Anderson, who was in his 68th year, is survived by his widow, one daughter and three sons. Mr. Anderson was very active in the promotion of the Soldiers' Memorial Hospital at Campbellton, and was secretary-treasurer of that institution. He donated a nurses' home in connection with the hospital. He was also chairman of the Campbellton Board of Education and was a prominent figure in Masonic circles.



# THE LUMBER YARD AND FOREST IN PICTURE

## LUMBER SCENES IN NORTHERN MANITOBA



Glimpses of the mill buildings and limits of the Pas Lumber Co., The Pas Manitoba



Plant of the Canada Creosoting Co., Limited, Sudbury, Ont., showing oil tanks, process building, and bundle of railway ties on car ready for treatment



One of the dwelling houses in entire Michigan village which was moved by motor truck a distance of eleven miles over country road. Specially built trailers made wholesale transportation possible



## Why Not Imposing Signs for Yards?

**Dealers Inclined to Under-estimate Value of  
Attractive Publicity in Name and  
Show Windows**

I was informed there was no stock coming into the yard at present, nor had any been bought for the spring anticipations. It didn't surprise me to be told that, "Collections were slow." There is another yard in the city to which I refer but a stranger would never know it. Like as in many other places it is located off from the principal streets and is hidden from them by intervening buildings. This may do in a small town where one can see all over it. I discovered the difference, however, when I began to do business where I now live and after the elevation of the railroad tracks my yard was hidden behind it so I put up a large sign on the other side where folks could see it and know where my yard was. The result was an increase of callers at the office.

There has always been an underestimating of the value of signs generally among retail lumbermen outside of the larger cities. It illustrates in another way the attitude of the country dealers in their assuming that everybody knows where they are. While this may be true, yet there is a certain psychology about an attractive sign that operates to the benefit of that yard. It is always suggestive of an invitation to call there. Further, it indicates that the proprietor is an enterprising individual and that of itself is attractive. Then again, it being conspicuous, people see it oftener which serves to act more constantly in keeping that yard in mind; and when people want anything in that line, that is the first yard they think of.

The greatest merchants in the world are noted for their display of signs, show windows and general liberality in advertising. This "peculiar" race knows the business value of attracting the attention of people. Go in any city and you can notice this. I'll venture to say, too, that whenever you see a large attractive sign at a lumber yard and a more than usual attractive appearance of the whole plant, you will find, as a rule, that that yard is doing the leading business. This, of course, may not be all the reasons for it, but in what traveling I have done about the country, I have found this to be almost invariably the prevailing rule.

The more progressive dealers are recognizing this psychological value of attractive signs and show windows, and in this way making their yards one of the show places in the town.

I stopped off at—between trains and utilized a few minutes calling at the office of one of the line yards there. I happened to know where the yard was. If I had not, I would have had to inquire as to its location, for like the other yard spoken of, there was no visible sign to show it and I know there are people living in that town that don't know where it is, for I had to ask three persons before I found one who could tell me. I did this just to make a test of what I have been saying in regard to yards without signs.—C. H. Ketridge, Evanston, Ill.

### How Ontario Firms View Outlook

Mitchell Bros., of Holland Centre, Ont., who are quite extensive operators in hardwood, state that the volume of trade in 1922 was considerably more than that in 1921 and that profits and prices were both better. Stock is about 50 per cent less than it was last year at this time. Mitchell Bros. consider the outlook for 1923 as good and they are getting more inquiries for local and export demand than they have for the last two years. The prices offered are from 10 to 15 per cent better for heavy stock of hardwood, such as maple and birch. The demand and prices for the lower grades of 1-inch lumber are very poor.

The McNaught Lumber Co., of Pine, Ont., state that wages in the camp during the past season were from 20 to 25 per cent higher than they were a year ago and operating costs right through promise to be from 10 to 15 per cent more than last year. The log output of the firm is double what it was last winter and their stock on hand is only about half as much as it was in the corresponding period of 1922.

### Lumbermen of Chatham are Optimistic

The lumber firms of Chatham, Ont., are preparing for one of the busiest seasons in their history. The demand for material indicates early spring activities and dealers have large stocks on hand ready for the rush. A local newspaper gives the following information regarding how Chatham lumbermen view the situation:—

W. A. Hadley, president and general manager of the S. Hadley Co., stated that the time of speculative building of houses in Chatham is past, that those now being constructed and under consideration

in the city are "homes" as evidenced by the grade of timber asked for. This enterprising firm have orders for many houses and improvements already and their sales for the two months of the year 1923 far surpasses those for the corresponding months of last year. Prices in lumber increased a short time ago on account of the demand, but it is confidently expected that they will now remain steady although those who wait for another year to build will probably be confronted with a greater increase then.

Percy Pigott, manager of the P. G. Pigott Lumber Company, expects the greatest volume of business since he entered into full control of the firm. Enquiries are being received every day in their office for lumber and the architects of the city have informed them that they have on hand many plans for construction of buildings as soon as the weather permits. The amount of business transacted by this firm during the two months just past is almost as half as much again as the first two months of 1922.

S. C. Hadley of the C. and J. Hadley Lumber Company said that he wished it understood that in spite of all the pessimistic remarks to the contrary Chatham is in one of the most prosperous periods in its history. In his business a good check may be kept on the general condition of the city and he is well pleased with it as it is now. Prospects are the best he believes that he has ever known them and he looks for the necessity of bringing into the city a number of men this summer to fill the demand for labor.

### Montreal Wholesalers Favor Better Grading

The members of the Montreal Wholesale Lumber Dealers' Association held their monthly meeting on March 15th at the Mount Royal Hotel, J. S. Bock presided. The question of terms of sale was discussed at some length and it was agreed that the terms to the trade shall be 2% 30 days from date of shipment, or net,—not longer than 60 days from date of shipment, such terms to become effective on and after May 1st, next.

The desirability of securing more uniform grading of lumber was briefly discussed. It was decided to appoint Messrs. J. S. Bock, C. Villiers, W. B. Blair, J. Laferte, G. M. Strong and O. Page as a committee to define the grades of certain classes of spruce, pine and hemlock. This will serve as the basis of any decision of the Arbitration Committee.

U. E. Germain mentioned that the Quebec Department of Lands and Forests had under consideration an educational campaign for establishing better and more uniform grades and had asked him to assist in the work.

W. H. Cote stated that the Entertainment Committee were contemplating arranging an outing during the summer. The programme would include a golf tournament open to wholesalers and retailers, for which the "Canada Lumberman" had offered to put up a cup.

The Montreal Wholesale Lumber Dealers' Association is also considering the subject of lumber grading, but from another angle. A committee has been appointed to define certain grades of spruce, pine and hemlock, with a view to assisting the work of the Arbitration Committee. This will provide a basis on which any work can be done, and will also be of value should there be a widespread movement to obtain more uniformity. Besides this, the Quebec Government has under consideration propaganda work directed to secure uniformity and better grading—so that there is evidently an awakening to the importance of solving this difficult problem.

### Creosoted Wood Blocks for Stable Flooring

Wooden flooring for stables has much to recommend it, but unfortunately the conditions connected with its construction and use are specially favourable to decay. Frequent renewals of such flooring often cause owners to adopt some more durable and less comfortable material. The Forest Products Laboratories of Canada (Dominion Forestry Branch), Montreal, point out that the remedy lies, not in discarding wood and substituting concrete or stone pavement, but in using wood which has been rendered proof against decay. For this purpose creosoted wood blocks are suggested as possessing the greatest number of advantages as a stable floor. Creosoted wood-block flooring is warm and easy under foot, very resistant to wear, easy to clean and has sanitary and vermin-repellant properties combined with a high resistance to decay. Owing to the establishment of several wood-creosoting plants in Canada, such blocks may be obtained at a reasonable price, and the cost of maintenance is very low.

The Spanish River Pulp & Paper Mills, who have plants at Espanola, Sturgeon Falls and Sault Ste. Marie, Ont., are now turning out over 700 tons of newsprint daily. This is a new record in the line of production.



# Canada Lumberman

founded 1880

The National Lumber Journal for Forty Years

Issued on the 1st and 15th of every month by

## Hugh C. MacLean Publications

LIMITED

THOS. S. YOUNG, Managing Director

G. B. Van Blaricom, Editor

HEAD OFFICE - - - - 347 Adelaide Street, West, TORONTO

Proprietors and Publishers also of Electrical News, Contract Record,  
Canadian Woodworker and Footwear in Canada.

VANCOUVER - - - - - Winch Building  
MONTREAL - - - - - 119 Board of Trade Bldg.  
WINNIPEG - - - - - 302 Travellers' Bldg.  
NEW YORK - - - - - 296 Broadway  
CHICAGO - - - - - 14 West Washington Street  
LONDON, ENG. - - - - - 16 Regent Street, S.W.

### TERMS OF SUBSCRIPTION

Canada, Great Britain and British Possessions \$3.00; United States \$3.00;  
other Foreign Countries \$5.00. Single Copies 20 Cents.

Single copies, 20 cents.

Authorized by the Postmaster-General for Canada, for transmission as  
second-class matter.

Vol. 43

Toronto, April 1, 1923

No. 7

### A Trail That Leads to Nowhere

Many new companies in various lines of business are being incorporated, some with large authorized capital and others with only a moderate amount. Each weekly issue of federal and provincial Gazettes pours forth a veritable flood of new, impressively named organizations which have secured letters patent and are, apparently, ready for business. The head office is given but no number or street address, and among the "provisional directors" are the names of pretty stenographers, unknown bookkeepers, ubiquitous office boys and plain ordinary clerks. At times the name of a solicitor is thrown in, ostensibly for good measure, and this is about all that is known of the company.

People, who desire to do business with the newly-formed concern, who would like to know where and when it is going to function, who are the men really behind the enterprise, etc., are generally up against a stone wall so far as getting any satisfaction or gathering information is concerned. "Dummy" directors or "figureheads" are named. Many companies might also come under the same category for very few of them are apparently ever seen or heard of subsequently. Just why they obtain charters is a problem or a riddle. They, possibly, think that they are going to do something or some sweet day be heard of in a certain arena, but, beyond the amount of money paid into the provincial treasury for securing letters patent and what a lawyer receives for his services, nothing tangible results in many instances.

There is an expression often heard about going into business "on a shoestring" and some incorporations are evidently formed on this flimsy foundation. This applies to lumber and woodworking bodies as well as others. The mercantile agencies and the press publish the names of recently incorporated concerns and their head offices. Letters are sent addressed to these high titled organizations, who have no definite habitation and no name recorded with the local postmaster or any one else. Back come all communications to the effect "not known," "no such firm," "never heard of here," "give number and street address," etc.

The present laws of incorporation seem to allow any three or five "mythical beings" to institute a "mythical company," with no specified personality or location. When persons apply to a "provisional" or "dummy" directors for data, the latter either pleads crass ignorance or declare that the identity and confidence of clients or associates must be punctiliously respected. The time never seems to arrive to reveal any information regarding the plans, operations or shareholders of the organization. It would appear that increasing numbers of concerns, in practically all lines of activity, are becoming incorporated for some motive other than legitimate expansion or

honest production. The names of numerous enterprises annually appear in the Gazettes and no more is heard of them. Like used automobiles no one exactly knows what becomes of them all.

It has been stated that the present system of incorporation is largely a farce, a source of annoyance and distrust to legitimate inquirers, business interests, supply and wholesale firms and others. The question arises is it not about time for a change to be made and some status, prestige and individuality attached to new bodies other than an artistic or euphonistic corporate cognomen.

The head of a large mercantile corporation with regard to come chartered concerns or limited liability bodies, said in a recent letter to the "Canada Lumberman":—

"This has been a matter which has worried the life out of us for years. The bulk of the corporations have provisional directors which are merely "dummies." In most cases when we investigate such an incorporation, in a week or two after the notice appears, the trail leads off to a law office. We are informed that they have obtained a charter, etc., but that they are acting for other interests and decline to give particulars until matters have progressed a little further. Only where incorporation is converting a partnership into a charter company and the old concern is well-known, do we know the significance of the old charter.

"It is doubtful if any agitation with the Government to compel giving more data with the incorporation, would have any effect. The attitude of provincial administrations seems to be that if any concern gets a charter and does not care to function with it immediately but may require six months or even a year before getting into action, it is perfectly alright. It is really too bad, though, that this incorporation matter cannot be improved."

What the manager of the mercantile agency says is correct. Admissions obtained from lawyers regarding the personnel or officers of a company are neither illuminating nor interesting. One of these "figureheads" from whom data with respect to a new firm was courteously sought the other day, replied:

"This firm is acting as solicitors for the—, and my name has been merely used for the purpose of incorporation. I know nothing whatever about the company beyond the purely formal matters which have come to my notice during the course of the preliminary meetings. Any information which I obtain, I do not feel free to publish due to the fact that it is secured in my capacity as a solicitor in this office, etc., etc."

Enough said! The average inquirer might as well try to break through a barrage or make an expeditious exit from a mystic maze. Frequently, it is "corporate confusion worse confounded."

### Courtesy as Vital Business Asset

"How much time, money and effort are involved in trivialities," was the observation of a cynic the other day. When pressed for an elucidation of his rather cryptic remark, he deplored the fact that in hundreds of letters sent out, telegrams despatched and requests, verbal and otherwise, there were too many insertions of what he called "superfluities." These, he went on, were the introductory "Dear Sir" when "Sir" would be more pointed, and the concluding "Yours faithfully" or "Yours sincerely" when "yours" would answer the purpose. Then he added there was no necessity of putting a prefix or an affix to every man's name, such as "Mr." or "Esquire." When asking anyone in your service to perform a simple task it would be quite as easy and reasonable to eliminate "please" and "kindly" or "thank you," taking it for granted that these little acknowledgments were quite in the order of things and indirectly implied.

On the other hand there is the effusive and fulsome gentleman, who goes to the other extreme and by an excess of urbanity and fluency, pours out adjectives and gratitude galore. He is altogether too gushing, demonstrative and cordial, so much that one is inclined to call into question his sincerity or genuineness.

There is a happy medium and that is what should be expressed in all business relations. The gruff and the abrupt are never welcome and, on the other hand spontaneous and highly emotional expressions often create a feeling that one, who makes use of them, is not real or true. There is no doubt that courtesy is a great asset in business. It smooths the wheels of everyday transactions and builds up kinder and better relationships. It is an element that is often lacking, and such organizations as the Rotary, Kiwanis and other forward movements, have done much to make commercial transactions more pleasant and agreeable.

The use of the word "please" "thank you," "pardon" "appreciate" and other like salutations or acknowledgments is not a case of love's labor lost. One can never tell when such bread cast upon troubled



waters will return. Its effects may not be immediately seen but it exerts an influence nevertheless. There is a wide difference between a real and spurious courtesy. The one is innate and ingrained while the other can be instantly detected when the veneer or gloss is scratched. Urbanity is something that everyone can practice and nowhere has it found a more ready expression and general acceptance than in the management of the largest hotels in Canada and the United States, in big executive offices and in high-class theatres and in national service organizations like the Bell Telephone Company, particularly on the part of the lady operators.

It will be noticed that the men, who are regarded most highly in the lumber arena, are those who are uniformly kind and considerate, and, in addition to integrity and worth, are thoughtful of others. Courtesy illuminates the intercourse of life, whether it be with a baron or a bell boy, a capitalist or a chauffeur, a president or a pedlar. It is not a garment donned for the occasion; it is not a mere assumption or sudden appropriation but is natural and honest. Like many a worth-while possession in the material world, it is free from adulteration. As one authority puts it, courtesy costs nothing but a wish to be kind, and, being so cheap, it should be plentiful. It is a commodity that is always quoted at its fact value—frequently at a premium—and brings regular, recurrent dividends in service and satisfaction.

### Closer Co-operation in Trade Relations

Trade relations between wholesalers and retailers in the lumber arena is chiefly a matter of goodwill. Besides the inevitable differences of opinion which constantly arise between buyers and sellers as to the quality of stock, there is the vexed subject of the limitations of the trade spheres of wholesalers and retailers, particularly in towns and cities. This is complicated somewhat by the operations of a class of men who are neither wholesalers nor retailers—peddlers of lumber with practically no responsibility and without offices.

The limitations of trade are difficult to define absolutely, chiefly because any agreement between representatives of the wholesalers and retailers cannot be made binding on the entire trade. A man is free to sell to whomsoever he pleases and nobody of his fellow-traders can compel him to restrict his customers to a given group. At the same time a great deal can be accomplished in the way of an understanding between the representatives of both sections, and it is in this connection that the spirit of goodwill and compromise comes into play. If there is a determination by each section to insist on what it considers its strict rights, the result will probably be chaos, the development of friction, and the loss of legitimate profits to all concerned. Trade organizations can and do exercise a strong influence in averting and remedying such conditions by mutual concessions and by coming to a better understanding on this and other questions.

### Why do Older Men Quit Jobs?

Why do men of various ages quit their jobs? Is it through unsatisfactory working conditions, not sufficient remuneration, general ineptitude or the restlessness, selfishness or mutability of human nature? The subject comes up for discussion every now and then and, at the recent convention of retail lumbermen at Windsor, Ontario, there was one live topic which aroused much interest. That was apprentices for planing mills and factories. One western dealer expressed the conviction that lumbermen did not make their plants sufficiently attractive to the young man, and that when vacancies did occur, the proprietor frequently advertised for experienced help rather than boys. Woodworkers would never, he said, solve the problem until they have put themselves into the position of the lads and give them a chance.

Another problem which was debated lately was why middle-aged men quit work. An investigation was conducted by Dr. Kitson, Professor of Psychology at the Indiana University. He made an extensive inquiry into the service records of 2,500 furniture men and other workers who had quit their jobs. Some of Dr. Kitson's observations are decidedly interesting and afford new viewpoints of why men of 35 to 45 years make so many shifts.

"Those men between twenty-five and thirty-five remained on their jobs for a relatively long average time. This is easily understood, because at this age men are usually rearing children and paying for a home, and economic responsibilities are pressing heavily upon them."

"As would be expected, there was a still greater stability on the part of those over fifty, who realize that they would have difficulty in securing another job."

"Between the ages of thirty-five and fifty the investi-

gator did not find the conditions that you would expect at first thought. It would seem that the period of service would increase regularly with increasing age. Contrary to this, we find that at the age of thirty-five the length of the period of service decreases and reaches a minimum between forty-one and fifty. This means that the last named period seems to be a very critical time when the workers give up their jobs with unusual frequency."

"Does Dr. Kitson offer any explanation of the probable causes of this critical age period?" was asked.

"Yes, he suggests three possible explanations," I told him. "In the first place, by the time the laboring man reaches forty, his children are usually old enough to take care of themselves or at least to give material aid in supporting the family, and thus the father may feel a greater degree of freedom in leaving one job to seek another. Then, as a man nears forty, he realizes that the period of declining strength is not far distant; and he feels the necessity of providing for his old age. If he sees no future possibilities in his present job he may leave it to seek employment elsewhere. The other explanation suggested by Dr. Kitson is that there are possibly some deep-seated physiological changes within the man himself."

In view of the reasons why middle-aged men leave their industrial jobs, it would seem to be good policy to put forth some added effort for holding them at work, says one authority. There are several things that might be done to accomplish this. A vigilant eye should be kept on the men who should be watched for any sign of restlessness or irritability. When these symptoms of the critical age appear, they should be considered with a great deal of care. Another remedy suggested is that men might be given a change of job within the plant, added responsibility, more money or some goal to work for, such as the promise of a better position in the future. It has also been proposed that a prize might be offered by industrial establishments to everyone, who is 50 years of age and yet has been in the service of the company for, at least, 15 years.

It is declared that, unless something like this is done, that changes will still go on constantly among older employees. It is important for the continued stability and strength of the ordinary industrial establishment that middle-aged men should be retained in the service for their wisdom, weight, counsel and skill.

The subject is one that is well worth thinking of and might be a co-related issue with the other one, already mentioned, of securing and training apprentices for planing mills.

### The Wonderful Growth of Famous Tree

The Redwoods of California exist nowhere in the world but on the Pacific Coast, from the southern border of Oregon southward to about twelve miles below Punta Gorda, Monterey County, California. They form, in reality, a narrow forest belt, always within the influence of sea fogs, and rarely extending more than twenty or thirty miles from the coast or over 3,000 feet above sea level.

California Redwood shares with the sequoia or "Big Tree" of the Sierras, the distinction of being the oldest living things in the world. It grows to gigantic size, being from 200 to 300 feet in height, and from 12 to 15 feet in diameter. In fact, in some cases the trees have a diameter of 20 feet and over at their buttressed bases, and attain a maximum height of nearly 400 feet. These species are as a rule very long lived. Several trees have been felled that were over 2,000 years old, while some had weathered the storms and droughts of thirty centuries!

Great sawmills have been built to convert these huge Redwood trees into lumber. Some of the logs weigh as much as forty tons and must be split by dynamite before they can be handled in the mills. Nature has been so lavish in her gift of Redwood timber that it will take all of the mills now in operation from 60 to 100 years to deplete the supply, although a large part of this reserve is today commercially inaccessible. And by that time, intelligent handling of the forests, which is already being applied, will provide a second cutting, for the Redwood stump never dies. It lives to raise a new family that a new family that grows around the stump as "Shoots" or "Sprouts," which grow rapidly to merchantable size. The trees of today stand in family circles of three to five trees, showing plainly that centuries ago they were mothered in the same way. Propagation by seed is unnecessary.

Redwood forests are immune from fire. Moreover, after the trees are felled, trimmed and sawn into logs, the tops, branches and undergrowth are given a chance to dry and are then set on fire to get rid of the bark and give a clean forest floor for removing the logs. Redwood logs lie in this hot fire until it consumes the "slash" or rubbish, yet they do not burn.



# Will Science Show Way to Prepare Wood for Human Food?

It is refreshing to note that the legislators in the Canadian House of Commons are beginning to wake up to the value and importance of Canada's forest resources, says the Quebec correspondent of the "Canada Lumberman." It would appear from the short discussion which took place in the House last month that the members were altogether startled over the great devastation by fire than any other agency. The insect plague, which has done and yet destined to cause more destruction than the forest fires, was not even mentioned. The great necessity of conservation was not even thought of, though it is an all-important question. Here in Quebec where the greatest precaution is being taken by the department of Lands and Forests to guard against destruction by fire and a constant study being made to cope with the insect pest, the question of conservation is also preached without much apparent success.

Canadian lumbermen, discussing conservation of the forests with your correspondent, point out that there is little or no forest conservation these days because the letter and spirit of the law is violated by the permissions given the big interests with a pull to cut and recut whenever they so desire. If the government desire to propagate and enforce a law of conservation of the forests, the lumbermen say the Government must take a determined stand against the granting of permission to the big interests whose motto is—"To-day we live. Those who come after us, must take care of themselves."

## Scientific Importance of Wood

If the federal and provincial legislators in Canada had given their time and thought to the valuable importance of the forest resources of Canada in the past, Canada would, without doubt, have to-day more scientific men and methods engaged in the Canadian forestry industry, and not one branch of a tree would be wasted. Though it may seem almost incredible, there is a fairly sound basis for the belief that science will yet show the way to prepare wood for consumption as human food before many years have passed.

Floyd W. Parson, the well-known scientific authority, in a recently published article on the progress of science, makes the statement that the American forest service is delving into the problem of nutritive properties from wood. Some of the chemical experts insist that it is entirely reasonable to expect that wood cellulose will

one day be converted into starches that will be capable of being assimilated by the human body. So much has happened to astonish the peoples of the world, in recent times, that we are prepared for the thrilling news that our chemists have made it possible to utilize our forests as a source of food supply, not only for livestock but for human beings as well. The outlook is that from now on science will make life one unceasing revolution."

Out on the American Pacific Coast, scientists are experimenting in the manufacture of a high-grade paper that is made from the stems and leaves of Swiss chard, a plant that matures in three months. The Swiss chard yields a high percentage of cellulose, and the paper produced is equal to the finest Japanese parchment and is particularly adapted for engraving and drawing as well as for book paper.

## New Kind of Artificial Wood

Hundreds of waste materials, which formerly had no uses, are now being employed in the manufacture of valuable products. A mixture of sawdust and ashes is now being utilized in the United States to make a composition which is a splendid substitute for cardboard and wood. The sawdust and ashes are treated chemically and the dry powder which results is run through presses. Boxes made from this composition are not only washable but are waterproof and fireproof. This artificial wood can be made as pliable as cardboard or as hard as oak, and, it is said, will neither shrink nor expand. Investigators in Australia see an opportunity to utilize the large quantities of mountain green available in their country in the making of newsprint.

Scientists are beginning to realize the great and valuable properties in forest resources and it is about time that Canadian legislators in the Federal House of Commons and Provincial Legislatures should come to devote their attention to the vast value of Canadian forests, and encourage in the Dominion scientific forestry and chemical researches in wood as well as forestry protection, by conservation, prevention of fire and insect ravages, etc. The Quebec Department of Lands and Forests is making great headway in forest protection but still lacks a school of scientific chemistry for investigation into the possibilities already outlined.

## Getting Ready for Imperial Forestry Meet

Four or five matters of interest to the lumber trade were discussed at a meeting of the Executive Council of the Canadian Pulp & Paper Association held in Montreal recently.

Ellwood Wilson, of the Laurentide Company, was appointed to represent the Association at the Imperial Forestry Conference, to be held at Ottawa during the summer. Mr. Wilson will appoint his own associates.

A grant of \$1,000 was made to the Woodlands section to assist the development work of the section.

The Executive endorsed the resolution passed by the Canadian Lumberman's Association at its annual convention, asking the Dominion Government to enact permanent legislation pertaining to the manufacture and sale of oleomargine in the Dominion of Canada so that the Canadian people will not be deprived of a healthful and nutritious food which is at present manufactured under the inspection of the Dominion Government.

It was decided to send to the Government a protest against the proposed removal of the Forest Products Laboratories from Montreal to Ottawa.

G. Piche, chief forester of the Quebec Government, explained to the meeting the scope of the paper-making school proposed to be established by the Government. The Executive, after hearing Mr. Piche, endorsed the scheme and appointed a committee to co-operate with the Lands and Forests Department.

## Record Building Boom Across Border

The United States is experiencing a record spring building boom. Despatches from cities in all parts of the country showed that building permits are being issued on an unprecedented scale. The greatest increase is in apartment houses. Dwellings come second and business structures are a close third.

Compared with the first two months of last year, January and February show an enormous increase. Reports indicate that the buildings going up and those about to be constructed, are of a more

expensive sort than those erected during 1922. Figures for the amount of money involved, in relation to the number of permits taken out, are much larger.

Building conditions are greatly improved in every part of the country and wage disputes are nearly all settled in the building trades.

In Detroit 3,500 permits have been taken out to date this year, involving the sum of \$15,012,829. These permits include 73 apartment houses with a capacity of 972 apartments. Two \$4,000,000 hotels are under consideration.

An increase of about \$3,000,000 is shown in Atlanta's building program for two months. This year's figure is \$5,317,669.

New York City's figures for January and February are: Permits 9,361, cost \$142,305,040. This gives an approximate cost per permit of \$15,200. Great number of the permits are for small houses and bungalows in Queensborough.

In Philadelphia 2,904 permits have been taken out since the first of the year, involving estimated cost of \$17,418,560. This is more than \$4,000,000 over last year's estimate for the same period. About half the permits are for homes.

## Heavy Building Program in Ontario

Quite a little building activity will be created in the various provinces by the carrying out of the work authorized by the present legislative sessions. In Ontario the list is headed by \$2,730,695 for education, including grants of \$400,000 to the Western University for buildings; Queen's University, \$210,000; Queen's University Library, \$75,000; University of Toronto, \$880,000; College of Education buildings, Toronto, \$100,000. Maintenance of public buildings calls for the spending of \$211,972. New construction on the hospitals at Orillia, Whitby and Woodstock has been covered by grants of \$125,000, \$100,000 and \$120,000 respectively. Under the head of "capital expenditure by the Hydro-Electric Power Commission," the supplementary estimates carry items totalling \$9,850,000 for expansion of the Niagara system.



# What is Going on in East in Lumber Industry

According to a report issued by Hon. C. W. Robinson, Minister of Lands and Mines, in the New Brunswick Legislature recently, there were no serious forest fires in the Province of New Brunswick during 1922. This, he attributes to the fact that, when the country was becoming dry during the heat of the summer, heavy rains lessened the menace and together with a well directed fire fighting force enabled fires, which might have been serious, to be controlled and eventually put out. He also pointed out that the fire law, as amended, was favorably regarded by the public and worked out to the satisfaction of the department. This law provides that where fires are burning on private lands there is no onus on the part of the Government to put out these fires. The responsibility of suppressing fires of this kind is now placed on the County Councillors, who are authorized by the act to call out the necessary force from time to time as may be required. There were a few complaints that the new act would be a hardship to the settler, who had to turn out without pay, but, when it is taken into consideration, that the settler was fighting to save his own home and property there was little argument left that he should be remunerated as well.

The construction of more fire towers was carried on during the season of 1922. All these towers have telephone connections and cabins for watchmen. The Minister pointed out that these towers are of incalculable value and recommended that more of them be constructed until the whole province is covered. He maintained that the construction of towers and woods telephones is giving the best value of any form of expenditure for suppressing forest fires, pointing out that they are manned by experienced men who are provided with binoculars and alidades as a means of determining the size and location of the fire. The telephone also provides a means of speedy communication with the Department where fire fighting crews can be quickly organized and can be rushed to the scene of the conflagration in a very short period of time. Hon. Mr. Robinson emphasized the fact that there never was a time, perhaps, in the life of the New Brunswick forests when greater danger existed than at present and when more was at stake in the preservation of the largest source of the provincial revenue.

In another part of his report to the Government Mr. Robinson explained that the falling off in revenue for the year was largely due to stumpage, which, he explained, was caused by the allowance that had to be made on account of a large proportion of timber being injured by the spruce bud worm and consequently rated at a lower stumpage. The quantity of lumber cut was very close to the estimate of 100 million superficial feet. He expressed an opinion that a better year is indicated and that a large revenue should be forthcoming from the Crown lands. He emphasized the fact, however, that there are serious problems to be faced and worked in connection with the administration of the Crown lands. He said he referred particularly to the calamity that has befallen the province through the destruction of the forests by the spruce bud worm and the evil of forest fires. With reference to the bud worm "it is a matter of congratulation," he added, "from all that can be learned, the worst of the attacks is over although this injurious pest is still with us but in diminished degree."

The Minister of Lands and Mines pointed out that the policy of the department is to encourage the cutting of the dead and dying lumber left in the wake of the bud worm at one half rate of stumpage as fixed by Order in Council, but even at this low rate it is feared that only a small fraction of the total stand attacked will be salvaged. It is estimated that in the vicinity of 215 million superficial feet will be cut on Crown Lands during this logging season and, of this quantity, probably sixty per cent will be bud worm killed and so subject to the half rate of stumpage. Should this be the case, Mr. Robinson pointed out, the revenue from stumpage would work out about \$630,000 or a gain of sixty per cent over the revenue from this source in 1922.

In a report recently presented to the Department of Crown Lands by the Forest Survey Branch it was shown that considerable progress was made during the year when 484,000 acres were examined and reported on by the Forest Engineers and 588 miles of line run. It was shown that to date 58.7 per cent of the Crown Lands, estimated at seven and a half million acres, have been completed by this survey.

The report showed that the best lands for timber growth were those surveyed during the past season situated on Nepisiguit and heads of the Tattagouche, South East and North West Upsalquitch,

where very little waste land is reported. On a track of this locality of 514,000 acres the foresters reported per acre:

- 2 ¼ cords undersized (to 6 inches)
- 5 cords merchantable lumber
- 2 cords dead fir
- 5 ¾ cords hardwood.

This shows fifteen cords to the acre or 7,549 superficial feet to the acre, representing nearly 4,000 million feet. This is said to show the great value of some of the Crown Lands in New Brunswick. Figuring the value of the merchantable softwood lumber alone on the above tract viz. spruce, pine, cedar, fir and hemlock, not including the dead fir, the result would be 1,285 million superficial feet, which at a moderate stumpage of \$4 per M. would realize over five million dollars.

Conditions in the lumber and pulpwood business have improved to such an extent that the time is ripe to begin active operations was the message given out recently by members of the Pejeboscot Lumber Company. They said that they are planning on getting out 20,000 cords of wood and 5,000,000 feet of lumber in the season of 1923-24. When asked regarding their winter activities they said that heavy snow fall had greatly impeded operations, but now that conditions are improving they are sending another crew into the woods and hope to get out, at least, two-thirds of their intended cut. With reference to their mills they expect to get the one at Great Salmon River started during this month from which they hope to ship out approximately 8,000 cords of pulpwood and 3,000,000 feet of manufactured lumber. Next season's logging operations will be started in August when they will begin cutting 10,000 of pulpwood on Great Salmon River, and 10,000 on Irish River. 5,000,000 feet of lumber will all be cut on the Great Salmon River.

A pioneer United States lumber industry in the city of St. John was recalled recently by the death in Easthampton, Mass., of Franklin W. Pitcher, who for many years was a member of the firm of Jewett & Pitcher. This firm did an extensive business in St. John where the Canadian headquarters were located.

A recent report from Edmundston, N. B. said that lumbering was practically at a standstill on account of the lack of snow, while in Kent, Kings and Queens counties activities were discontinued many weeks ago because of the unusually large quantities of snow. Never before in the history of these counties was there such a contrast. In some of the more southern counties over 120 inches of snow fell on the level, but during the storms was drifted into regular hills. Hauling was impossible and operations had to be discontinued.

Word was received in St. John on March 19 that Cooper's portable saw mill in Blackville, N.B., was destroyed by fire. The mill had been equipped with new machinery and the loss was heavy.

Late reports from lumbering districts of the province of New Brunswick continue to be encouraging and the outlook is bright for a busy season. It is anticipated that the United States market will be brisk this spring and summer, because of reports saying that building operations will be extensive.

Four lumber mills in Dalhousie are expected to resume operations as soon as the ice runs out of the river. Two mills in Dalhousie were idle all last year and a shingle mill there has not been run for two years. All three are expected to be in full operation this season.

The Fraser Companies Ltd. anticipate a busy season at the mill located at Chatham Head as well as at their plants at other points.

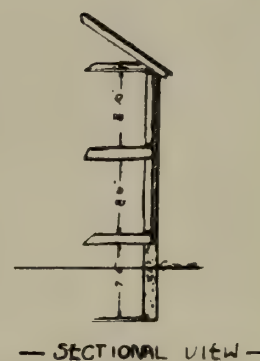
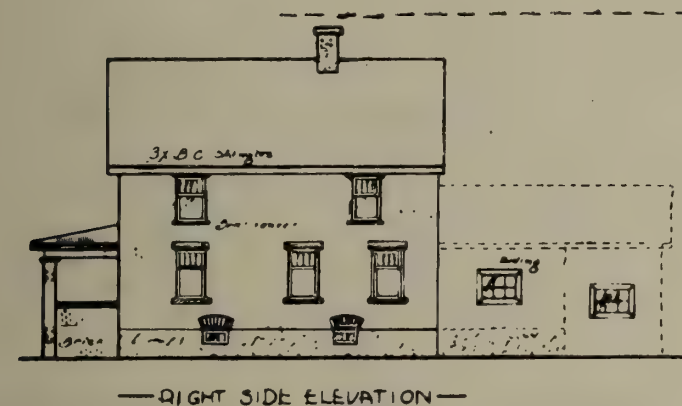
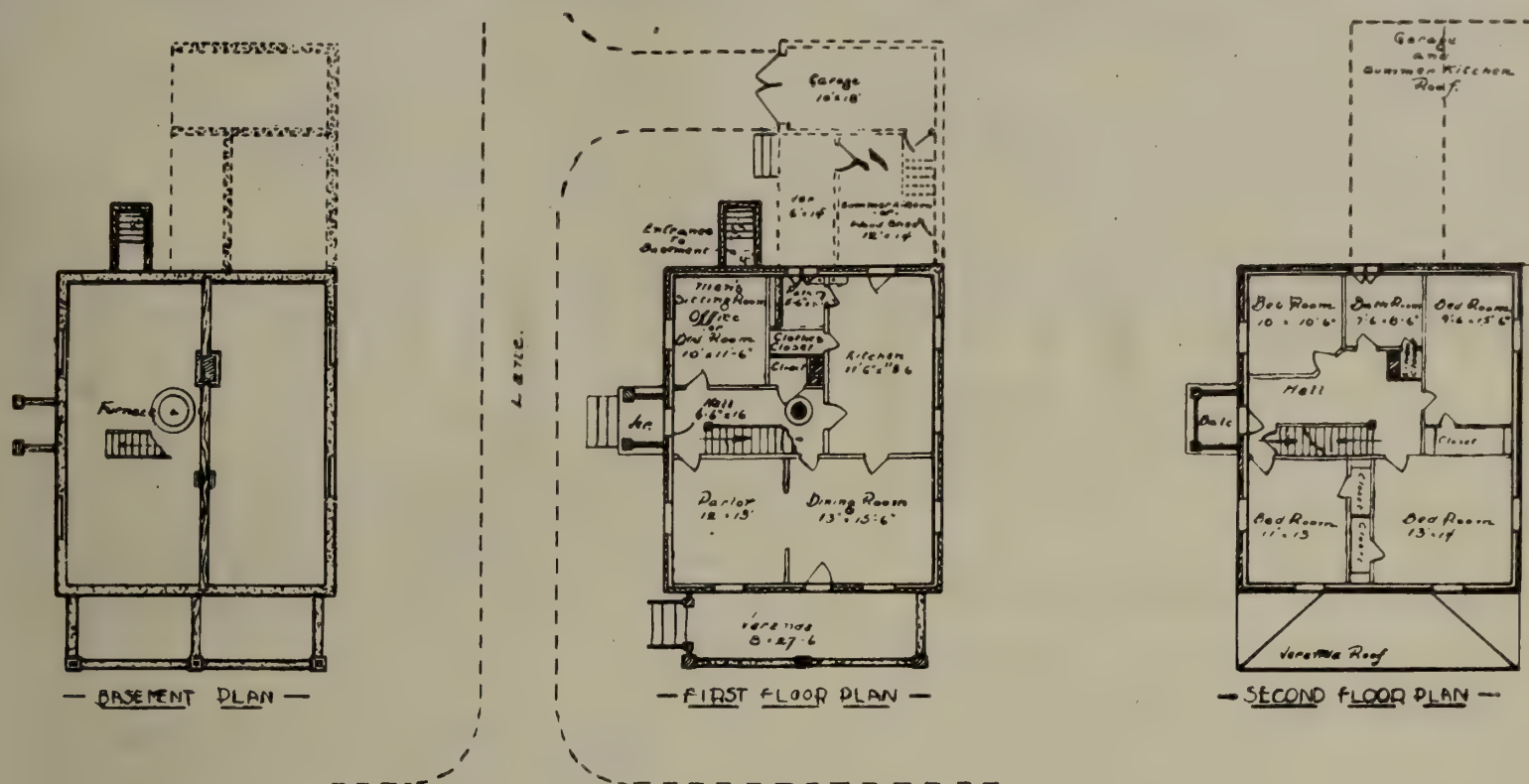
Despite the extremely hard conditions brought on this winter by the heavy snow fall and repeated storms, C. N. Vroom, of St. Stephen, has operated his lath mill at Moore's Mills and has turned out approximately 2,000,000 laths.

It is reported that W. P. Lowell of Galais, Me., is contemplating operating a mill at Rock Gulch. He is said to be planning on sawing 2,500,000 feet of spruce and a large quantity of laths.

Dividends on both Brompton preferred and common will be resumed at the earliest possible date, was the assurance given by President F. N. McCrea, M.P., at the annual meeting of the Brompton Pulp and Paper Co. The president, whose first public appearance it was after a prolonged illness, was in an optimistic vein, and told the shareholders they need have no doubts regarding the future prosperity of the concern. He had only to refer them to the annual report, that spoke for itself. The prospects were altogether exceptional in every branch of the business, including the two American subsidiaries.



# An ideal farmhouse which meets every rural need



J. B. Mackenzie, of Georgetown, Ont., is a retail lumberman who believes in getting out after business. He carries out contracts, large and small, and prepares plans and specifications for structural jobs. He has drawn plans recently for what is known as a model Ontario farm house, and has inserted in the local papers of his district an advertisement showing various elevations and sectional views. Mr. Mackenzie announces that he mails this plan free to farmers, carpenters and builders, and states that he is receiving many inquiries from the advertisement which is accompanied by the following self-explanatory reference:—

There are several good features to be considered in the plan of this house. The main feature is that it is large,

roomy and compact, and is specially designed for a pipeless furnace. It has side entrance from lane, into a large hall, which enters all rooms. There is also a hat and coat closet off this hall, which is very convenient. The kitchen is extra long and very suitable to accommodate large crew during threshing season. There is also a nice size pantry, in which there is a large cupboard. This is very handy and will appeal to the housewife. There is also a clothes closet off the kitchen which is another great advantage. There is a nice room, extra bedroom or office which every farmer should room off the hall, which may be used as a men's sitting



have. Provision is made for additional woodshed and garage, both under the one roof. There is a full size basement with outside entrance as well as inside. The front verandah is spacious and so constructed that with adding sash, it may be converted into a sun parlor or sleeping porch.

The second floor has four large bedrooms and a bathroom, all entering into large hall, which leads to balcony situated over side verandah. There is also a linen closet off the bathroom which is convenient.

There is a large attic in this house, with a good easy stair. This attic is very suitable for drying clothes during the winter months, and with the stair entering in the centre, and a window in each gable end, this attic can be very easily converted into two fine extra sleeping apartments.

Taking everything into consideration, this is a very well got up plan, and is specially designed for the Ontario farmer. Examine this plan carefully, but bear in mind, though, that this is only a sketch plan. We have large working plans drawn to  $\frac{1}{4}$  inch scale, with details, which we supply for \$10.00 per set.

We have a planing mill and sash and door factory, with very up-to-date machinery. We are specially equipped for the manufacturing of sash and doors, also finish, and should this plan appeal to you, we would be pleased to submit a tender for the supplying of all woodwork, finish, sash and doors, delivered to your nearest railroad station.

### Fair Hardwood Cut in Southern Counties

The London Lumber Co. Limited, of London, Ont., of which F. E. Harley is president, say there has been a fair amount of stock cut by farmers and small millmen in the southern counties of Ontario, such as Elgin, Norfolk, South Oxford and Haldimand, but not nearly as much, however, as before the slump in 1920.

In regard to values, firsts and seconds and select grades in thicker stock, such as 8/4, 10/4 and 12/4 maple, soft elm and birch, prices have advanced somewhat during the last couple of months. This is, of course, for stock suitable for shipment to the American market and is caused by the demand in the automobile trade, 4/4 sidings in No. 2 common and better grade, 4/4 log run stock and lower grades in 4/4, No. 2 and No. 3 common, however, are not in demand at all and prices have continued very low. This can be accounted for, too, to a large extent owing to the fact that Canadian factories have not been doing anything like the business that some of the larger concerns in the United States. The demand, therefore, as we have found it in the last couple of months, has been with the better grades and thicker stock. There has not been a great deal of winter sawing in the southern counties.

The millmen are not holding off sale of what stock they have but seem to be quite willing to negotiate. The reason for this seems to be that they feel that, with conditions as they are, it is better to sell early, no doubt believing that there may be a runaway market.

### Breezy Paragraphs in Short Shape

W. J. Van Dusen, of the H. R. MacMillan Export Co., Vancouver, spent a few days in Toronto recently on business.

The Conger Lumber Co., of Parry Sound, Ont., has sold its cut of 3,000,000 feet of hemlock logs to J. Harrison & Sons, Co., Limited, Owen Sound.

K. J. Shirton, of Dunnville, president of the Ontario Retail Lumber Dealers' Association, spent a few days in Toronto recently on business.

A. E. Gordon, of the A. E. Gordon Lumber Co., Toronto, who has been spending the past few weeks in Cuba, is expected home in a few days.

W. H. Cote Lumber Co., Limited, of Montreal, have recently become members of the National Hardwood Lumber Association, Chicago.

L. L. Brown, B. C. Lumber Commissioner, who has been spending the past three months in the East on business, has returned to Victoria.

The Montreal Wholesale Lumber Dealers' Association and the Montreal Retail Lumbermen's Association have passed resolutions in favor of daylight saving for the city.

The Montreal Retail Lumbermen's Association has established a credit bureau as a protection for their members against doubtful accounts.

D. H. McLennan, chairman of the Montreal Lumber Association, has been elected vice-chairman of the Transportation Bureau Committee of the Montreal Board of Trade.

A. C. Gordon, of Toronto, chairman of the Wholesale Lumber

Dealers' Association, attended the recent annual convention of the National Wholesale Lumber Dealers' Association in Pittsburg, Pa.

A decree has been issued by the Provincial Government closing the forests of the province of Quebec from April 1 to November 15 of the present year. Those wishing to go into the bush during that period will have to secure a permit. The closing of the forests is a measure of protection taken by the Government against fires.

A. C. Perrin has joined the inspection staff of the National Hardwood Lumber Association, Toronto, and entered upon his new duties. He has been in the service of the Association for a number of years.

The Soo Lumber Co., Sault Ste. Marie, Ont., will start work in the near future on an one storey, 30 x 80 addition to their mill. The new building will be of brick and tile construction and the cost is estimated at \$12,000.

A. L. Clark, president of the Vancouver Lumber Co., Vancouver, and former president of the Southern Pine Association, was a recent visitor to Toronto and Montreal. Mr. Clark, who is one of the leading lumbermen of America, says that business in the West is booming and is likely to be active for a long period. He spoke most enthusiastically of the large export trade that is being done.

Ezra Fahner, who has been with the R. E. Butler Lumber Co., of Woodstock, Ont., for several years, has completed the purchase of the lumber yard of Walter Mitchell at Port Stanley, Ont., and has taken possession. Mr. Fahner has had eleven years' experience in the wholesale and retail lumber line, having been connected with the George N. Kernohan Lumber Co., of London, for seven years before coming to Woodstock. He will conduct the business in Port Stanley under the name of the Fahner Lumber Co. Many friends will wish him every success in his undertaking.

### Midland Firm Buys Biscotasing Mill

Pratt & Shanacy, of Midland, Ont., have purchased the sawmill, general milling outfit and timber limits of P. & J. Shannon at Biscotasing, Ont. The property is on the main line of the C.P.R. about eighty miles west of Sudbury. The plant has a capacity of about 10,000,000 feet annually, and there is ample piling ground with all the necessary shipping accommodation. The limits comprise four berths, chiefly white pine, on the upper Spanish River, and it is estimated there is enough timber to keep the plant running for the next ten years. As no logs were left over from last year, the mill will not be getting under way until the end of June, and, in the meantime, Pratt & Shanacy are making some extensive alterations, having purchased a double cutting band mill from the Waterous Engine Works Co., of Brantford, which is being installed.

The head office of Pratt & Shanacy will remain at Midland. At Biscotasing there is a general store, post office, blacksmith shop, machine shop, etc., which were acquired by Pratt & Shanacy.

### Underwriting Company Opens Toronto Office

The Lumbermen's Underwriting Alliance, of which the U. S. Epperson Underwriting Company of Kansas City, Mo., J. J. Lynn, general manager, is attorney-in-fact, has been extending fire insurance indemnity exclusively to the lumber trade. An office has been opened at 546 Confederation Life Building, Toronto, which is in charge of Mr. L. D. Payette as chief agent for Canada.

The Exchange's subscribership and insurance in force has increased considerably in the Dominion during recent years, a good percentage of the \$125,000,000 insurance in force and 1,225 risks insured being in Canada. The Canadian branch, as stated, is under the direction of Mr. Payette, who is a former resident of Penetanguishene, Ont., and a brother of J. T. Payette, Mayor of that progressive town. Mr. Payette spent a number of years at the head office in Kansas City, Mo., and is widely known in the lumber industry. For the last two years he has been living in Toronto and, under his supervision, the requirements and interests of Canadian subscribers are given prompt and careful attention.

### Much Hardwood Cut in the East

Douglas A. Stalker, wholesale lumber dealer of Sherbrooke, Que., says things are progressing very prosperously in the lumber line in the eastern townships. There have been good average cuts of hardwood taken out and prospects for increased business are very evident. The farmers and small millmen have taken out big stocks this winter.

As regards pulpwood prices, Mr. Stalker says these are now low but as soon as some water is obtained for the mills which have been sadly handicapped in this respect for some months, he expects that quotations for pulpwood will strengthen.





Official photograph taken by the Air Board, Ottawa, of the Roberval Air Station in the Province of Quebec

### Northern Alberta is Free From Fires

In general the forest fire situation at the present time is satisfactory, as far as can be learned from the fire ranger's reports, says Colonel R. H. Palmer, chief of the forest service for northern Alberta. In a number of different locations the open weather season finished with ground fires burning in the timber, as a result of the summer's conflagrations but during the winter the rangers have been engaged in following up the fires smouldering under the snow and digging them out.

The large timber limits owned by General Stewart on Snipe Lake, which lies southwest of the Lesser Slave Lake, are now clear of fire, while the timber at Sturgen Lake, further west, is also reported safe. Three men have been engaged all winter in digging out burns in the timber on the South Wapiti and Simonette Rivers, south of Grande Prairie, and these areas are reported as being under control.

### Mageau Lumber Co. Will Be Busy

The Mageau Lumber Co., of Field, Ont., in a recent letter to the "Canada Lumberman," state that their log output this winter will be 75 per cent greater than it was a year ago and they consider the outlook for the lumber trade in 1923 as very fair. They have no stock left over at the present time and that the volume of trade in 1922 was greater than that in 1921. Profits as a rule were better in 1922 than the year previous but the logs of the Mageau Lumber Co. had been carried over from the winter of 1920-1 and cost more than if they had been cut in 1921-2. The new mill of the company, which replaces the one that was burned last year, is about completed and will start operations within a few weeks.

### Muskoka Wood Going Ahead Steadily

The Muskoka Wood Mfg. Co., of Huntsville, Ont., although visited by a fire early last summer cut pretty nearly as much lumber as in 1921, the output being close on to 5,000,000 feet, about one-third of which was hardwood. Owing to the fire and other causes, the company's stock at the present time is considerably larger than it was a year ago. Their log output will be 35 per cent higher than the previous season. R. J. Hutcheson, head of the company, says that since October prices have been constantly advancing in hardwoods and are still ascending. He considers the prospects for the lumber trade in the coming year the best since 1920.

### Wish That They Were The Horse

J. G. Levie, of W. & J. Sharples, Limited, of Quebec, who has been in Ireland on a business trip, sent from Belfast last month a clipping from one of the daily papers to the "Canada Lumberman," with the pertinent observation,—“Some of our Toronto timber friends will wish they were the horse.”

The reference is headed “A Scotch Horse's Half 'un,” and reads: After swimming for over an hour in Dundee Harbor a horse was hoisted on to a barge with block and tackle none the worse of its experience. It was given about half a pail full of whiskey when rescued, and taken to a stable in a float. Thousands on the quay witnessed the strange spectacle.

### Howe Lumber Company is Organized

H. E. Howe, Lieut. Col. R. M. Beckett, W. A. Home, F. W. Cotter, A. O. Bureau and A. E. Guillemette are associated in the formation of the Howe Lumber Company, Limited, of Three Rivers, which has acquired from the city of Three Rivers a saw and planing mill with about seven acres of yard room situated along the C.P.R. tracks.

Mr. Howe was formerly manager of the lumber department of the Belgo Canadian Pulp & Paper Co., of Shawinigan Falls; Lieut. Col. Beckett and Mr. Home are members of the firm of Dobell, Beckett & Co., of Quebec, for whom Mr. Cotter was formerly manager at Montreal.

The Howe Lumber Company, Limited, will conduct a general wholesale and retail lumber business and will also be open for orders for re-sawing and planing lumber in transit. They expect to have the mill in operation about the 1st of May.

### Predicts Consummation of Lumber Standardization

Herbert Hoover, Secretary of Commerce, predicted the “certain consummation of the vital standardizations and simplifications in lumber,” in a telegram to A. C. Dixon, President of the West Coast Lumbermen's Association, at Seattle, Washington. Mr. Hoover had been invited to attend the annual meeting of the West Coast Lumbermen's Association in Seattle. The text was: “The progress made at the recent Chicago meeting of the Consulting Committee of the Central Lumber Standardization Committee, indicates certain consummation of the vital standardizations and simplifications in lumber. Please express to your association the thanks of the Department of Commerce for the constructive work of the representatives of the Pacific Coast lumbermen in basic suggestion for equalization of grades, recognized nomenclature, and for their contribution to a definite and satisfactory settlement of lumber size and dimension standards.”

### Montreal Retailers Hang Up Signs

The members of the Montreal Retail Lumbermen's Association are now displaying in their offices two large cards, one in English and the other in French, stating: Montreal Retail Lumbermen's Association. We are members of the above Association, and as such, we are pledged to purchase our goods from recognized wholesalers and manufacturers only.

At a special meeting of the Montreal Retail Lumbermen's Association a vote of sympathy was passed to E. Gohier, on the death of his father, E. Gohier, of the firm of E. Gohier Fils, of St. Laurent, P.Q. The deceased was at one time mayor of St. Laurent.

### Record Logging By Sturgeon Falls Man

J. E. S. Martin, of Sturgeon Falls, Ont., contractor for George Gordon & Co. Limited, of Cache Bay, Ont., has just completed his contract, having cut and hauled seventy thousand pieces of pine logs on Temogami waters, with an average of forty men in six months. The average haul was a little over one mile, and everything with the exception of about ten thousand pieces, was hauled over grade. Mr. Martin has been in the business a long time and says it was the heaviest timber that he has ever had anything to do with, being very rough, second growth, bull sap white pine and averaging a little over forty feet to the log, Doyle rule.



# What the Lumber Trade is Doing in Canada

The Welch Lumber Co., 2219 Yonge St., Toronto, will start work shortly on a new mill building one storey 40 x 50 of brick construction.

Doolittle-Russell, Limited, Hamilton, Ont., are contemplating converting the property known as the Peoples Brewery in the north east end of the city into a builders' supply yard. The work will cost about \$20,000.

T. A. Paterson, manager of Mickle, Dymont & Son, Toronto, who was confined to the Western Hospital for some time, is making good progress toward recovery and is expected to resume his duties about the first of the month.

Bourassa-Clifford Corporation, Limited, Three Rivers, Que., is a new firm with provincial charter to manufacture and deal in all kinds of wood products. Capital \$45,000. E. Bourassa and H. Clifford, both of Three Rivers are two of the incorporators.

W. Rutledge, who lives in East Esquimes Township, Halton County, recently brought an elm log to the Georgetown Lumber Company's mill that cuts 900 feet of lumber. The log was 18 feet long and is one of the largest hewn in that district for many years.

The P. B. Yates Machine Co., of Hamilton, reports that business with them has been very steady for the past two or three months. They say that they are looking forward to a fairly busy season and are receiving many inquiries for planers, matchers, moulders and sawmill equipment.

Smith, Limited, Levis, Que., is a new firm recently incorporated with a capital of \$48,000 to conduct a general lumber business, manufacturing sash and doors and other wood products. Two of the incorporators are George C. Goodfellow and A. J. Smith, wholesale lumber merchants of Montreal.

At the annual meeting of the Timber Holders' Association of British Columbia for 1923, which was held recently in Vancouver, Mr. S. Logan was elected president; A. F. Sutherland vice-president, and W. McNeil secretary. Mr. McNeil is also secretary of the Timber Industries Council of British Columbia.

During the past season there were between 900 and 1,000 lumber camps in operation throughout Ontario, according to estimates made by Alex. R. White, of North Bay, Chief Sanitary Inspector. The number of lumberjacks employed in the bush during the winter is computed at 30,000 when all parts of the province are taken into consideration.

The Edgecumbe-Newham Co., Limited, of Vancouver, have appointed C. L. Frost manager of their sales department. The latter is a former member of the Frost-Carruthers Lumber Co. and is well known on the coast. It is the intention of the Edgecumbe-Newham Co. to greatly extend activities in the shingle line during the coming year.

Projects for the handling of pulp from New York establishments were discussed at a meeting of the Chambre de Commerce of Sorel, Que., held recently for the purpose of electing officers and discussing general business. Full assurance was expressed that the deep water of the Richelieu River from the St. Lawrence to the terminal at Sorel, could handle the pulp.

Hillyard Burns, a fireman, and J. Donohue, a brakeman, were instantly killed recently near Menzies' Bay, B. C. when they leaped from a runaway logging train in an attempt to save their lives. Four of the ten cars loaded with logs were derailed and the accident occurred when the locomotive on which they were riding became uncontrollable on the icy tracks.

Thurston Flavell, Limited, have purchased the B. C. E. R. Company's logging railway between Coquitlam and Port Moody, a distance of some ten miles. The price paid was \$50,000. The line was constructed when the dam on the lake was made and the lake raised to give the access to extensive timber limits at present in the hands of the Dominion Government.

Some fifty concerns engaged in logging operations in British Columbia are affected by the decision handed down by the Privy Council on Feb. 19, granting the Provincial Government the right to prohibit employment of Orientals in logging on Crown timber lands. According to a census taken two years ago, these companies employ approximately a thousand Orientals.

The Abitibi Transportation & Navigation Co. early in March set a record for themselves to aim at for the bringing in of pulpwood, when between the hours of eight in the morning and ten at night 64 cars containing approximately, 850 cords of pulpwood were delivered to the new slasher at Iroquois Falls, Ont. Five trainloads were necessary to bring in the cordage.

John J. Miller, of Toronto, who is a member of the Inspection and Rules Committee of the National Hardwood Lumber Association, was in Chicago recently attending an important meeting of that body. The annual convention of the Association will be held in Chicago on June 13th, 14th and 15th, and it is expected there will be a record attendance. G. S. Hill, of Chicago, assistant-secretary of the N.H.L.A., spent a few days in Toronto recently on business.

It is reported that the Whalen Pulp & Paper Co., whose head office is in Vancouver and who have mills at Wood Fibre, Swanson Bay and Port Alice, B. C., have plans under consideration for the manufacture of newsprint. It is believed that an interesting announcement will be made at the forth coming annual meeting regarding the extension and the financing plans for carrying out the work.

Owing to the large amount of work and business which will come up at the twenty-sixth annual convention of the National Hardwood Lumber Association at its next convention in Chicago, it has been decided to extend its duration for three days instead of two which has, heretofore, been the invariable rule. The dates of the next convention will be Wednesday, Thursday and Friday June 13th, 14th and 15th.

The lumber and woodworking industries of the United States represent an investment of \$12,000,000 and give employment to almost 1,000,000 men. For building construction we use 28 billion feet of lumber every year; for furniture, veneer products, wagons, automobiles and farm implements more than 1½ billion feet; for boxes and crates 4½ billion feet; and the demand for railroad ties calls for 3¾ billion feet.

The new planing mill of Graves, Bigwood & Co. at Byng Inlet, is now in operation and rushed with work. The mill which replaces the one which was burned down during a severe thunder and lightning storm last summer, is complete in every detail and has a capacity greater than the old one. The company are now in a position to supply stocks, sorted for use, in dry white or Norway pine. Graves, Bigwood & Co., expect to have their sawmill in operation by May 1.

William Chew, of Midland, and for many years engaged in the lumber and pulpwood industry in that town, died in Toronto lately after a brief illness. Mr. Chew was born in York County in 1847 and went to Midland about fifty years ago, he being one of the family of brothers who were so largely and so closely identified with Midland's pioneer industry, in the lumber industry. He is survived by a widow and one daughter.

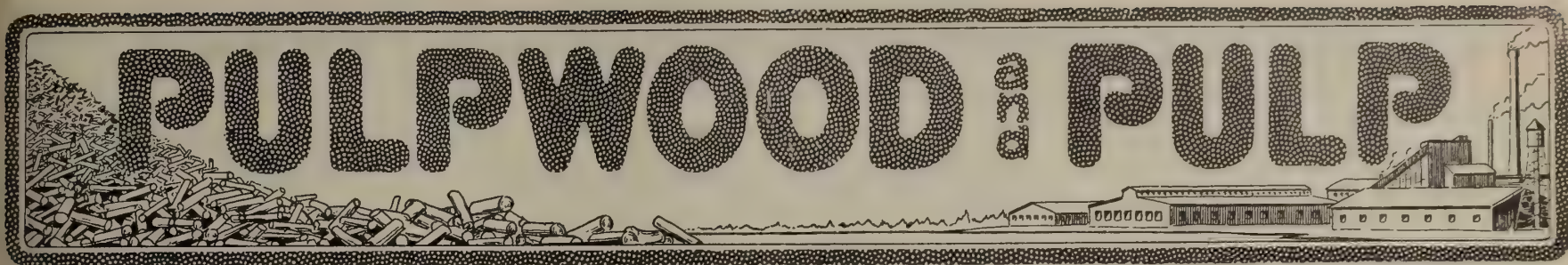
Edward J. Lee, postmaster at Moor Lake, Renfrew County, passed away recently. He had been in poor health for the past two years. Mr. Lee was well known in lumbering circles being a contractor for the Hawkesbury Lumber Co. Previous to moving to Moor Lake in 1913, he lived for a number of years at Des Joachims where he was employed as a culler with the E. B. Eddy Co. He is survived by his wife, five sons and five daughters.

B. J. Bagan, of the Vigars-Shear Lumber Co., Port Arthur, returned recently from an extended trip through Western Canada and the Coast States as far as California. He found conditions good on the other side of the line and much building going on, in spite of the fact that material is higher across the border than it is in Canada. The greater part of the construction is confined to the erection of new homes. Mr. Bagan says that the outlook in Port Arthur for an active structural season is very fair.

Eric W. Hamber, of Hastings Mills, B. C., was re-elected president of the Timber Industries Council of British Columbia at the annual meeting held recently. P. D. Roe, president of the Eburne Sawmills Limited, is again vice-president, and W. McNeil managing-director. The other directors are,—J. D. McCormack, president of the B. C. Lumber & Shingle Association; H. H. Ross, President of the Mountain Mills Association; M. S. Logan, president of the Timber Owners' Association; G. G. Johnson, president of the B. C. Loggers' Association; J. A. Edgecumbe, president of the B. C. Shingle Manufacturers' Association.

F. N. Youngman, manager of the Thunder Bay Paper Co., Limited, Port Arthur, Ont., states that the new equipment which they have installed was completed recently and since that date the company have been producing 60 tons of ground wood pulp daily which is double the capacity of the old plant. The past winter has been a good one for woods operations and there has been a record production of pulpwood at the head of the lakes. The weather recently has been conducive to hauling and the majority of the pulpwood cut during the winter is now out and on the landings.





### Several Companies After Pulpwood Limits

The question of granting pulpwood and timber concessions of various companies is proving a live one in connection with the administration in Ontario. Some little time ago the Fort William Paper Co. made application for a timber limit in the Gull Lake area west of Lake Nipigon, covering approximately 3,000 square miles. In return for the grant, the company agreed to employ, at least, 1,000 men for a minimum of ten months in the year at the new plant in Fort William and to use 7,500 h.p. annually, developed by the Ontario Hydro Commission at Cameron Falls and to pay such bonuses and dues as are to be fixed from time to time by the Government. The company further agreed to double the capacity of the output. The addition is to be completed and the full amount of Hydro power in use not later than December 21st, 1925.

Premier Drury stated recently that the Government would not depart from its established custom of calling for tenders and thus having public competition in connection with awards concerning timber limits. Other companies have made applications for concessions, among them being the Thunder Bay Paper Co., of Port Arthur. This company is now a customer of Hydro, and at present has no limits. It is asking for holdings in the region east of Lake Nipigon, which does not conflict with the application of the Fort William Company. It agrees to build a large addition to its plant, use 7,000 horsepower purchased from the Cameron Falls Development, and have its mills in operation six months before the date mentioned in the Fort William Company agreement. A third company, the Nipigon Fibre Mill, is also applying for limits in the district, and is prepared to sign a similar contract.

The granting of all these applications would apparently meet with the approval of the representatives of the district. Zotique Mageau, M.P.P. for Sturgeon Falls, speaking recently in the legislature, emphasized the importance of securing an adequate supply of forest wealth for existing companies in the North.

### Bathurst Co. Appeals Court Ruling

The Bathurst Company, Limited, of Bathurst, N. B., has lost its appeal to the New Brunswick Supreme Court on the levy of the New Brunswick Workman's Compensation Board. The Board levied \$30,000 against the company. Angus McLean, the president of the Bathurst Company, Limited, refused to pay this sum, stating that the Board was too extravagant, and that most of the money levied on manufacturers went for paying salaries and travelling expenses of the Board rather than to compensation for injured workmen and workwomen. The Bathurst Company, Limited is expected to take further appeal to the Supreme Court of Canada, and if necessary, to the Privy Council.

### Abitibi Company Had Good Year

The annual report of the Abitibi Power & Paper Co., Limited, Montreal, has been sent out. The Company, whose plant is at Iroquois Falls, Ont., is turning out nearly 500 tons of newsprint daily. This is the largest unit of its kind under one roof in America. The company has been in operation for nine years and has in that time made great strides. The record for 1922 shows considerably large receipts despite the lower prices which prevailed during that year. Receipts are shown at \$9,461,297, as compared with \$8,861,810 in 1921, and \$10,580,142 in 1920. Expenses were \$5,846,462, as compared with \$4,183,637 in 1921 and \$5,537,009 in 1920.

This left a balance of \$3,614,837 from which was deducted \$929,123, representing bond interest and interest on bank loans, and \$803,391 for depreciation, as compared with a charge of \$989,762 to this account in 1921. The foregoing deductions left a balance of \$1,882,323 applicable to dividends and after deduction of \$70,000 for preferred dividends there remains available for the 250,000 common shares the sum of \$1,812,323. Payment of \$500,000 to holders of the common stock during the year left a balance of \$1,312,323 from which is deducted the sum of \$53,177 for adjustment of Government taxes, leaving a surplus for the year of \$1,259,146.

### Riordon Earnings Show Steady Improvement

It is understood that financial investors in Montreal who have all along been identified with the operations of the Riordon Company, Limited, are now prepared to provide the concern with funds to the extent of \$10,000,000. for rehabilitation purposes. If the plan proposed is carried through the greater part of the new financing will be offered to the present shareholders in such a way as to preserve for them the control of the properties. The 3,000 shareholders will be given every chance to safeguard their equities in the company.

Riordon Company, Limited, in common with other pulp concerns in Canada, had been able fully to establish the advance of \$10.00 a ton, which occurred last November. For over a year now the company's various plants have been operating at capacity, and the product has been sold, which must be considered satisfactory in view of the fact that most of the other pulp concerns on the continent are operating only between 60 and 90 per cent. of capacity. The company's product is well sold ahead. The earnings show much improvement in the last six months.

### New Plant is Producing Splendidly

E. J. Jones, late of Bradford, Pa., has been appointed general manager of the Spruce Falls Co., Limited, whose mill is at Kapuskasing, Ont. Mr. Jones was for several years a Member of Congress and has been associated with the Spruce Falls Co. for some time.

The plant is now turning out daily over 100 tons of sulphite pulp. It is equipped with four digesters each with a capacity of 25 to 30 tons and at present the entire output is taken to the Kimberly-Clark Co., Inc., of Neenah, Wisconsin, for its various mills. Good progress is being made in the line of production and the company is looking forward to a successful year.

### Placed on Market at Wrong Time

Speaking in the Ontario Legislature recently D. M. Hogarth, M. P., for Port Arthur, made a rather severe attack upon the administration in connection with its disposition of pulpwood limits.

The Province of Ontario, through the incompetency and lack of knowledge of the government was a loser to the extent of \$6,000,000., declared Mr. Hogarth, commenting on the transaction which resulted in the disposal of the Long Lac and Nagagami concessions in July 1921. These two reserves, he added, had an area of 6,000 square miles. Government cruises showed that they carried some 10,000,000 cords of pulpwood. They had been placed on the market at a time when the bottom had fallen out of the paper market. As a result, they had brought only 40 cents a cord and today would bring \$1. a cord. In case the government was inclined to doubt his statement, Mr. Hogarth offered to put the Department of Lands and Forests in touch with individuals who would pay the latter price without grudging.

### Mr. Hennessy Resigns as Woods Manager

A. W. Hennessy, who for the past six years has been manager of the woods department of the Abitibi Power & Paper Co., Iroquois Falls, Ont., has resigned and will carry out a good deal of work on his own account in the way of logging contracts with a number of mills. He is a man of wide experience and sound judgment and was contracting on the Abitibi limit in 1917 when his brother, O. M. Hennessy, manager of the woods department, lost his life at Island Rapids, above Twin Falls. A. W. Hennessy succeeded him. Previous to his work for the Abitibi Company, he was with the J. R. Booth interests for some time.

H. G. Schanche, who has been manager of the forestry department for a considerable period, succeeds Mr. Hennessy and will carry on the work of both departments. In future all woods operations for the Abitibi organization will be in charge of Mr. Schanche, who supervised the logging work on the railroad territory during the past winter. Mr. Schanche has appointed Hugh D. Hennessy superintendent of logging, and G. W. Turk office manager.



# CURRENT LUMBER PRICES—WHOLESALE

## TORONTO

### White Pine

(In Car Load Lots, F.O.B. cars Toronto)

1 x 4/7 Good Strips	\$110.00	\$115.00
1 1/4 & 1 1/2 x 4/7 Good Strips	125.00	130.00
1 x 8 and up Good Sides	150.00	160.00
2 x 4/7 Good Strips	130.00	140.00
1 1/4 & 1 1/2 x 8 and wider Good Sides	185.00	190.00
2 x 8 and wider Good Sides	190.00	200.00
1 in. No. 1, 2 and 3 cuts	75.00	80.00
5/4 and 6/4 No. 1, 2 and 3 cuts	105.00	110.00
2 in. No. 1 2 and 3 cuts	120.00	125.00
1 x 4 and 5 Mill Run	54.00	55.00
1 x 7, 9 and 11 Mill Run	54.00	55.00
1 x 8 Mill Run	57.00	58.00
1 x 10 Mill Run	59.00	61.00
1 x 12 Mill Run	66.00	67.00
5/4 and 6/4 x 5 and up Mill Run	61.00	62.00
2 x 4 Mill Run	55.00	56.00
2 x 6 Mill Run	57.00	58.00
2 x 8 Mill Run	58.00	59.00
2 x 10 Mill Run	60.00	62.00
2 x 12 Mill Run	67.00	69.00
1 in. Mill Run Shorts	33.00	34.00
1 x 4 and up 6/16 No. 1 Mill Culls	35.00	36.00
1 x 10 6/16 No. 1 Mill Culls	40.00	42.00
1 x 12 6/16 No. 1 Mill Culls	40.00	42.00
1 x 4 and up 6/16 No. 2 Mill Culls	27.00	28.00
1 x 10 12 6/16 No. 2 Mill Culls	31.00	33.00
1 x 4 & up 6/16 No. 3 Mill Culls	17.00	18.00

### Red Pine

(In Car Load Lots, F.O.B. Toronto)

1 x 4 and 5 Mill Run	38.00	39.00
1 x 6 Mill Run	41.00	42.00
1 x 8 Mill Run	44.00	45.00
1 x 10 Mill Run	47.00	49.00
2 x 4 Mill Run	39.00	40.00
2 x 8 Mill Run	44.00	45.00
2 x 6 Mill Run	39.00	41.00
2 x 10 Mill Run	49.00	50.00
2 x 12 Mill Run	50.00	51.00
1 in. Clear and Clear Face	75.00	76.00
2 in. Clear and Clear Face	80.00	82.00

### Jack Pine

Mill Run (mill culls and dead culls out)		
2 x 4	38.00	39.00
2 x 5, 2 x 6	36.00	38.00
2 x 8	43.00	44.00
2 x 10	46.00	48.00
1 x 4 and wider	35.00	36.00
Mill Culls and Sound Wormy		
1 x 4 and wider	29.00	31.00
2 x 4 and wider	29.00	31.00

### Spruce

Mill Run (mill culls and dead culls out)

1 x 4, and 5	38.00	39.00
1 x 6	41.00	42.00
1 x 8	44.00	45.00
1 x 10	47.00	49.00
1 x 12	50.00	51.00
2 x 4	38.00	39.00
2 x 6	39.00	40.00
2 x 8	43.00	44.00
2 x 10	46.00	48.00
2 x 12	49.00	50.00

### Mill Culls

1 x 4 and up No. 1	29.00	31.00
2 x 4 and up No. 1	32.00	33.00

### Hemlock (M R)

(In Car Load Lots, F.O.B. Toronto)

1 x 4 and 5 x 9 to 16 ft.	30.00	31.00
1 x 6, 9 to 16 ft.	35.00	37.00
1 x 7, 9 and 11, 9 to 16 ft.	35.00	37.00
1 x 8, 9 to 16 ft.	37.00	38.00
1 x 10 and 12, 9 to 16 ft.	39.00	40.00
2 x 6, 8 to 16 ft.	35.00	36.00
2 x 4 x 8 x 10 x 12, 8 to 16 ft.	38.00	39.00
2 x 4 to 12, 18 ft.	43.00	44.00
2 x 4 to 12, 20 ft.	45.00	46.00
1 in. No. 2, 6 to 16 ft.	25.00	26.00

### Fir Flooring

(In Car Load Lots, F.O.B. Toronto)

Fir flooring, 1 x 3 in. No. 2 and better, edge grain	\$ 78.00	
Fir flooring, 1 x 4 in. No. 2 and better, edge grain	75.00	
Fir flooring, 1 x 3 in. No. 2 and better, flat grain	59.00	
Fir flooring, 1 x 4 in. No. 2 and better, flat grain	62.00	
1 x 4 to 12 in. No. 2 and better, clear fir,		

1 1/4 x 4 to 12 in. No. 2 and better, clear fir, rough	90.50	
2 x 4 to 12 in. No. 2 and better, clear fir, rough	86.50	
3 x 4 to 12 in. No. 2 and better, clear fir, rough	94.50	
1 x 4, 5 and 6 in. fir casing	81.75	
1 x 8 and 10 in. fir base	86.25	
1/2 x 6, 8 to 18 ft. No. 1 and 2 clear cedar bevel siding	53.00	
1 1/4 and 1 1/2 8, 10 and 12 in. E. G. Stepping	97.25	
1 1/4 and 1 1/2 8, 10 and 12 in. E. G. Stepping	87.25	
1 x 4 to 12 in. clear fir dressed 4 sides	80.25	
1 1/4 and 1 1/2 x 4 to 12 in. clear fir D4S	84.00	
XX Shingles, 6 butts to 2 in. per M.	3.08	
XXX Shingles, 6 butts to 2 in. per M.	5.48	
XXXXX Shingles, 5 butts to 2 in. per M.	6.28	

### Lath

(F.O.B. Mill)

No. 1 White Pine	\$ 12.00	\$ 13.00
No. 2 White Pine		11.00
No. 3 White Pine		9.00
Mill Run White Pine, 32 in.		5.00
Merchantable Spruce Lath, 4 ft.	8.00	8.50

## TORONTO HARDWOOD PRICES

The prices given below are for car loads f.o.b. Toronto, from wholesalers to retailers, and are based on a good percentage of long lengths and good widths, without any wide stock having been sorted out.

### Ash, White

(Dry weight 3,800 lbs. per M. ft.)

	1s & 2s	No. 1 Com.	No. 2 Com.
1"	\$115.00	\$ 75.00	\$ 50.00
1 1/4 and 1 1/2"	125.00	80.00	50.00
2 1/2 and 3"	155.00	90.00	60.00
4"	170.00	130.00	65.00

### Ash, Brown

1"	\$105.00	\$ 60.00	\$ 40.00
1 1/4 and 1 1/2"	110.00	65.00	42.00
2"	120.00	70.00	45.00

### Birch

(Dry weight 4,000 lbs. per M. ft.)

	1s & 2s	Sels.	No. 1 Com.	No. 2 Com.
4/4	\$125.00	\$ 85.00	\$ 55.00	\$ 32.00
5/4	130.00	90.00	60.00	34.00
6/4	130.00	90.00	60.00	34.00
8/4	135.00	95.00	65.00	40.00
12/4	140.00	100.00	70.00	45.00
16/4	145.00	110.00	80.00	50.00

### Basswood

(Dry weight 2,500 lbs. per M. ft.)

	1s & 2s	No. 1 Com.	No. 2 Com.
4/4	\$ 90.00	\$60.00	\$35.00
5/4 and 6/4	95.00	65.00	35.00
8/4	100.00	65.00	30.00

### Chestnut

(Dry weight 2,800 lbs. per M. ft.)

	1s & 2s	No. 1 Com.	No. 2 Com.	Sound Wormy
1"	\$150.00	\$100.00	\$ 40.00	
1 1/4 to 1 1/2"	165.00	110.00	43.00	
2"	170.00	115.00	45.00	

### Maple, Hard

(Dry weight 4,000 lbs. per M. ft.)

	F.A.S.	Sels.	No. 1 Com.	No. 2 Com.
4/4	\$100.00	\$ 80.00	\$ 55.00	\$ 35.00
5/4	105.00	85.00	60.00	35.00
6/4	110.00	90.00	60.00	40.00
8/4	115.00	100.00	80.00	45.00
12/4	120.00	110.00	85.00	50.00
16/4	130.00	115.00	95.00	65.00

### Elm, Soft

(Dry weight 3,000 lbs. per M. ft.)

	1s & 2s	No. 1 Com.	No. 2 Com.
4/4	\$ 85.00	\$ 55.00	\$ 30.00
8/4	85.00	55.00	30.00
12/4	120.00	90.00	50.00

Gum, Red  
(Dry weight 3,300 lbs. per M. ft.)

	Plain	No. 1 Com.	Quartered—	No. 1 Com.
	1s & 2s		1s & 2s	
1"	\$120.00	\$77.50	\$130.00	\$ 80.00
1 1/4"	125.00	80.00	135.00	85.00
1 1/2"	125.00	80.00	135.00	85.00
2"	130.00	86.00	140.00	90.00

### Gum, Sap

	1s & 2s	No. 1 Com.
1"	\$ 68.00	\$ 55.00
1 1/4 and 1 1/2"	71.00	58.00
2"	78.00	58.00

### Hickory

(Dry weight 4,500 lbs. per M. ft.)

	1s & 2s	No. 1 Com.
1"	\$125.00	\$70.00
1 1/4"	145.00	70.00
1 1/2"	145.00	75.00
2"	150.00	80.00

### Quarter Cut Red Oak

	1s & 2s	No. 1 Com.
4/4	\$150.00	\$ 80.00
5/4 and 6/4	160.00	90.00
8/4	170.00	95.00

### Plain White and Red Oak

(Plain sawed. Dry weight 4,000 lbs. per M. ft.)

	1s & 2s	No. 1 Com.
4/4	140.00	90.00
5/4 and 6/4	155.00	95.00
8/4	165.00	100.00
10/4	170.00	105.00
12/4	180.00	110.00
16/4	190.00	115.00

### White Oak, Quarter Cut

(Dry weight 4,000 lbs. per M. ft.)

	1s & 2s	No. 1 Com.
4/4	\$165.00	\$100.00
5/4 and 6/4	175.00	105.00
8/4	185.00	110.00

## OTTAWA

Manufacturers' Prices  
Pine

Good sidings:	
1 in. x 7 in. and up	\$130.00
1 1/4 in. and 1 1/2 in. 8 in. and up	\$165.00
2 in. x 7 in. and up	165.00
No. 2 cuts 2 x 8 in. and up	85.00

Good strips:	
1 in.	110.00
1 1/4 in. and 1 1/2 in.	120.00
2 in.	130.00

Good shorts:	
1 in. x 7 in. and up	100.00
1 in. 4 in. to 6 in.	85.00
1 1/4 in. and 1 1/2 in.	125.00
2 in.	135.00

7 in. to 9 in. A sidings	54.00	56.00
No. 1 dressing sidings	70.00	74.00
No. 1 dressing strips		62.00
No. 1 dressing shorts	50.00	53.00
1 in. x 4 in. s.c. strips		52.00
1 in. x 5 in. s.c. strips		50.00
1 in. x 6 in. s.c. strips		55.00
1 in. x 7 in. s.c. strips		54.00
1 in. x 8 in. s.c. strips, 12 to 16 ft.		56.00
1 in. x 10 in. M.R.		62.00
S.C. sidings, 1 1/2 and 2 in.		62.00
S.C. strips 1 in.	48.00	50.00
1 1/4, 1 1/2 and 2 in.		55.00
S.C. shorts, 1 x 4 to 6 in.		40.00
S.C. and bet., shorts, 1 x 5		38.00
S.C. and bet., shorts, 1 x 6		40.00
S.C. shorts, 6-11 ft., 1 x 10 in.		48.00

Box boards:	
1 in. x 4 in. and up, 6 ft.-11 ft.	32.00
1 in. x 3 in. and up, 12 ft.-16 ft.	36.00
Mill cull shorts, 1 in. x 4 in. and x 4 in. and up, 12 ft. and up	28.00
Mill culls, strips and sidings, 1 in. up, 6 ft. to 11 ft.	28.00
O. culls r and w p	21.00

### Red Pine, Log Run

Mill Culls out, 1 in.	34.00
Mill culls out, 1 1/4 in.	34.00
Mill culls out, 1 1/2 in.	34.00
Mill culls out, 2 in.	34.00

### Mill Run Spruce

1 in. x 4 in. and up, 6 ft.-11 ft.	28.00
1 in. x 4 in. and up, 12 ft.-16 ft. rough	35.00 86.50



# CURRENT LUMBER PRICES—WHOLESALE

1" x 9"-10" and up, 12 ft.-16 ft. . .	43.00
1 1/4" x 7, 8 and 9" up, 12 ft.-16 ft. .	40.00
1 1/4" x 10 and up, 12 ft.-16 ft. . . .	43.00 47.00
1 1/2" x 12" x 12" and up, 12'-16' .	50.00
Spruce, 1 in. clear fine dressing and B . . . . .	65.00
Hemlock, 1 in. cull . . . . .	22.00
Hemlock, 1 in. log run . . . . .	24.00 28.00
Hemlock, 2 x 4, 6, 8, 10 12/16 ft. .	30.00
Tamarac . . . . .	25.00 28.00
Basswood, log run, dead culls out .	45.00 50.00
Basswood, log run, mill culls out .	50.00 54.00
Birch, log run . . . . .	60.00 65.00
Soft Elm, common and better, 1, 1 1/2, 2 in. . . . .	58.00 68.00
Ash, black, log run . . . . .	62.00 65.00
1 x 10 No. 1 barn . . . . .	57.00 62.00
1 x 10 No. 2 barn . . . . .	51.00 56.00
1 x 8 and 9 No. 2 barn . . . . .	47.00 52.00

## Lath per M.:

No. 1 White Pine, 1 1/4 in. x 4 ft. .	11.00
No. 2 White Pine . . . . .	10.00
Mill run White Pine . . . . .	8.00
Spruce, mill run, 1 1/2 in. . . . .	9.00
Red Pine, mill run . . . . .	7.00
Hemlock, mill run . . . . .	6.00

## White Cedar Shingles

XXXX, 18 in. . . . .	7.00
Clear butt 18 in. . . . .	6.00
18 in. XX . . . . .	4.00

## QUEBEC

### White Pine (At Quebec)

	Cts.	Per Cubic Ft.
First class Ottawa waney, 18 in. average according to lineal . .	100	110
19 in. and up average . . . . .	110	120

### Spruce Deals (At Mill)

3 in. unsorted, Quebec, 4 in. to 6 in. wide . . . . .	\$25.00	\$27.00
3 in. unsorted, Quebec, 7 in. to 8 in. wide . . . . .	28.00	30.00
3 in. unsorted, Quebec, 9 in. wide .	35.00	40.00

### Oak (At Quebec)

	Cts.	Per Cubic Ft.
According to average and quality, 55 ft. cube . . . . .	125	130

### Elm (At Quebec)

According to average and quality, 40 to 45 ft. cube . . . . .	130	140
According to average and quality, 30 to 35 ft. . . . .	100	125

### Export Birch Planks (At Mill)

1 to 4 in thick, per M. ft. . . . .	\$35.00	\$40.00
-------------------------------------	---------	---------

## ST. JOHN, N.B.

### (From Yards and Mills—Wholesale) Rough Lumber

2x3, 2x4, 3x3, 3x4, Rgh. Merch. Spr. .	\$28.00
2x3, 2x4, 3x3, 3x4, Dressed 1 edge . .	29.00
2x3, 2x4, 3x3, 3x4, Dressed 4 sides . .	34.00
2x6, 2x7, 3x5, 4x4, 4x6, all rough . .	28.00
2x8, 3x7, 5x5, 6x6 . . . . .	38.00
2x9, 3x8, 6x8, 7x7 . . . . .	38.00
2x10, 3x9 . . . . .	40.00
2x12 and up . . . . .	45.00
Merch. Spr. Bds. Rough, 1x3-4&5 .	28.00
Merch. Spr. Bds. Rough, 1x7 & up. . .	40.00
Refuse Bds., Deals and Setgs. . . . .	20.00
Above Random lengths up to 18-0 long.	
Lengths 19-0 and up \$5.00 extra per M.	
For planing Merch. and Refuse Bds. add \$2.00 per M. to above prices.	
Laths, \$7.50.	

### Shingles

	Per M.
Cedar, Extras . . . . .	\$6.50
Cedar, Clears . . . . .	5.50
Cedar, 2nd Clears . . . . .	4.25
Cedar, Extra No. 1 . . . . .	2.50
Spruce . . . . .	3.25

## SARNIA, ONT.

### White Pine—Fine, Com. and Better

1 x 6 and 8 in . . . . .	\$120.00
1 in., 8 in. and up wide . . . . .	135.00
1 1/4 and 1 1/2 in. and up wide . . . .	180.00
2 in. and up wide . . . . .	180.00

### Cuts and Better

4/4 x 8 and up No. 1 and better . . .	135.00
5/4 and 6/4 and up No. 1 and better .	152.00
8/4 and 8 and up No. 1 and better . .	152.00

### No. 1 Cuts

1 in., 8 in. and up wide . . . . .	115.00
1 1/4 in., 8 in. and up wide . . . . .	125.00
1 1/2 in., 8 in. and up wide . . . . .	125.00
2 in., 8 in. and up wide . . . . .	130.00
2 1/2 in. and 3 in., 8 in. and up wide .	175.00
4 in., 8 in. and up wide . . . . .	185.00

### No. 1 Barn

1 in., 10 to 16 ft. long . . . . .	\$ 75.00 \$ 85.00
1 1/4, 1 1/2 and 2 in., 10/16 ft. . . .	80.00 85.00
2 1/2 to 3 in., 10/16 ft. . . . .	85.00 100.00

### No. 2 Barn

1 in., 10 to 16 ft. long . . . . .	65.00 75.00
1 1/4, 1 1/2 and 2 in., 10/16 ft. . . .	66.00
2 1/2, 1 1/2 and 3 in. . . . .	85.00

### No. 3 Barn

1 in., 10 to 16 ft. long . . . . .	48.00 55.00
1 1/4, 1 1/2 and 2 in., 10/16 ft. . . .	50.00 56.00

### Box

1, 1 1/4 and 1 1/2 in., 10/16 ft. . . .	38.00 40.00
---	-------------

### Mill Culls

Mill Run Culls—	
1 in., 4 in. and up wide, 6/16 ft. . .	30.00
1 1/4, 1 1/2 and 2 in. . . . .	31.00

## BUFFALO and TONAWANDA

### White Pine Wholesale Selling Price

Uppers, 4/4 . . . . .	\$225.00
Uppers, 5/4 to 8/4 . . . . .	225.00
Uppers, 10/4 to 12/4 . . . . .	250.00
Selects, 4/4 . . . . .	200.00
Selects, 5/4 to 8/4 . . . . .	200.00
Selects, 10/4 to 12/4 . . . . .	225.00
Fine Common, 4/4 . . . . .	165.00
Fine Common, 5/4 . . . . .	180.00
Fine Common, 6/4 . . . . .	180.00
Fine Common, 8/4 . . . . .	180.00
No. 1 Cuts, 4/4 . . . . .	130.00
No. 1 Cuts, 5/4 . . . . .	140.00
No. 1 Cuts, 6/4 . . . . .	150.00
No. 1 Cuts, 8/4 . . . . .	160.00
No. 2 Cuts, 4/4 . . . . .	77.00
No. 2 Cuts, 5/4 . . . . .	107.00
No. 2 Cuts, 6/4 . . . . .	107.00
No. 2 Cuts, 8/4 . . . . .	122.00
No. 3 Cuts, 5/4 . . . . .	65.00
No. 3 Cuts, 6/4 . . . . .	75.00
No. 3 Cuts, 8/4 . . . . .	75.00
Dressing, 4/4 . . . . .	95.00
Dressing, 4/4 x 10 . . . . .	98.00
Dressing, 4/4 x 12 . . . . .	110.00
No. 1 Moulding, 5/4 . . . . .	155.00
No. 1 Moulding 6/4 . . . . .	155.00
No. 1 Moulding 8/4 . . . . .	160.00
No. 2 Moulding, 5/4 . . . . .	125.00
No. 2 Moulding, 6/4 . . . . .	125.00
No. 2 Moulding, 8/4 . . . . .	130.00
No. 1 Barn, 1 x 12 . . . . .	95.00
No. 1 Barn, 1 x 6 and 8 . . . . .	81.00
No. 1 Barn, 1 x 10 . . . . .	85.00
No. 2 Barn, 1 x 6 and 8 . . . . .	67.00
No. 2 Barn, 1 x 10 . . . . .	68.00
No. 2 Barn, 1 x 12 . . . . .	80.00
No. 3 Barn, 1 x 6 and 8 . . . . .	52.00
No. 3 Barn, 1 x 10 . . . . .	54.00
No. 3 Barn, 1 x 12 . . . . .	57.00
No. 1 Box 1 x 6 and 8 . . . . .	45.00
No. 1 Box 1 x 10 . . . . .	46.00
No. 1 Box 1 x 12 . . . . .	48.00
No. 1 Box 1 x 13 and up . . . . .	49.00

## BUFFALO

The following quotations on hardwoods represent the jobber buying price at Buffalo and Tonawanda.

	Sap Birch	
1 in . . . . .	\$ 90.00	\$ 55.00 \$ 32.00
5/4 and up . . . . .	100.00	58.00 32.00

## Maple

	1s & 2s	No. 1 Com.	No. 2 Com.
1 in. . . . .	\$ 85.00	\$ 55.00	\$ 32.00
5/4 to 8/4 . . . . .	90.00	58.00	35.00
10/4 to 4 in. . . . .	95.00	62.00	35.00

## Soft Elm

1 in. . . . .	70.00	45.00	30.00
5/4 to 2 in. . . . .	75.00	50.00	30.00

## Red Birch

1 in. . . . .	120.00	75.00	
5/4 and up . . . . .	125.00	80.00	

## Basswood

1 in. . . . .	\$ 85.00	\$ 52.00	\$ 32.00
5/4 to 2 in. . . . .	90.00	58.00	32.00

## Plain Oak

1 in. . . . .	100.00	60.00	35.00
5/4 to 2 in. . . . .	110.00	70.00	38.00

## White Ash

1 in. . . . .	\$ 95.00	\$ 58.00	\$ 35.00
5/4 to 2 in. . . . .	105.00	68.00	35.00
10/4 and up . . . . .	120.00	90.00	35.00

## BOSTON

Quotations given below are for highest grades of Michigan and Canadian White Pine and Eastern Canadian Spruce as required in the New England market in car loads.

White Pine Uppers, 1 in. . . . .	\$232.00
White Pine Uppers, 1 1/4, 1 1/2, 2 in. .	232.00
White Pine Uppers, 1 1/4, 1 1/2, 2 in. .	255.00
Selects, 1 in. . . . .	207.00
Selects, 1 1/4, 2 in. . . . .	207.00
Selects, 2 1/2, 3 in. . . . .	232.00
Fine Common, 1 in. 20% 12 in. and up	188.00
Fine Common, 1 x 8 and up . . . . .	188.00
Fine Common, 1 1/4 to 2 in. . . . .	193.00
Fine Common, 2 1/2 to 3 in. . . . .	233.00
Fine Common, 4 in. . . . .	258.00
1 in. Shaky Clear . . . . .	120.00
1 1/4 in. to 2 in. Shaky Clear . . . . .	130.00
1 in. No. 2 Dressing . . . . .	90.00
1 1/4 in. to 2 in. No. 2 Dressing . . . .	100.00
No. 1 Cuts 1 in. . . . .	148.00
No. 1 Cuts, 1 1/4 to 2 in. . . . .	163.00
No. 1 Cuts, 2 1/2 to 3 in. . . . .	193.00
No. 2 Cuts, 1 in. . . . .	95.00
No. 2 Cuts, 1 1/4 to 2 in. . . . .	135.00
Barn Boards, No. 1, 1 x 12 . . . . .	105.00
Barn Boards, No. 1, 1 x 10 . . . . .	96.00
Barn Boards, No. 1, 1 x 8 . . . . .	93.00
Barn Boards, No. 2, 1 x 12 . . . . .	91.00
Barn Boards, No. 2, 1 x 8 . . . . .	80.00
Barn Boards, No. 2, 1 x 10 . . . . .	80.00
Barn Boards, No. 3, 1 x 12 . . . . .	69.00
Barn Boards, No. 3, 1 x 10 . . . . .	68.00
Barn Boards, No. 3, 1 x 8 . . . . .	65.00

## No. 1 Clear

Can. Spruce, No. 1 and clear, 1 x 4 to 9" \$75. \$85.	
Can. Spruce, 1 x 10 in. . . . .	88.00 90.00
Can. Spruce, No. 1, 1 x 4 to 7 in. . . .	86.00 87.00
Can. Spruce, No. 1, 1 x 8 and 9 in. . .	88.00 92.00
Can. Spruce, No. 1, 1 x 10 in. . . . .	90.00 92.00
Can. Spruce, No. 2, 1 x 4 and 5 in. . .	36.00 38.00
Can. Spruce, No. 2, 1 x 6 and 7 in. . .	39.00 40.00
Can. Spruce, No. 2, 1x 8 and 9 in. . .	42.00 45.00
Can. Spruce, No. 2, 1 x 10 in. . . . .	44.00 46.00
Can. Spruce, No. 2, 1 x 12 in. . . . .	44.00 46.00

## Spruce Dimension

8" & under 20' & under \$48.00 to \$50.00 base.	
9" & under 20' & under 49.00 to 51.00 base.	
10" & under 20' & under 50.00 to 52.00 base.	

## Merchantable Spruce

2 x 3, 4, 6, 7 random . . . . .	\$38.00 to \$10.00
2 x 8 and 9 random . . . . .	46.00 to 47.00
2 x 10 random . . . . .	46.00 to 47.00
2 x 12 random . . . . .	47.00 to 48.00
All other random lengths, 7 in. and under 8 ft. and up . . . . .	40.00 43.00
5 in. and up merchantable boards, 8 ft. and up, D 1s . . . . .	35.00 36.00
1 x 2 . . . . .	38.00 40.00
1 x 3 . . . . .	36.00 38.00
1 1/8 in. Spruce Lath . . . . .	9.00 9.50
1 1/2 in. Spruce Lath . . . . .	8.50

## New Brunswick Cedar Shingles

Extras . . . . .	\$ 6.00	6.35
Clears . . . . .	\$ 5.00	5.50
Second Clears . . . . .		4.00
Clear Whites . . . . .		3.50



**Second Hand  
Machinery &  
Equipment  
Wanted &  
For Sale**

# Quick Action Section

**Special Lots  
Of Lumber—  
Positions  
Wanted &  
Vacant**

## Lumber Wanted

WE are always in the market to buy Pulpwood and odd lots of lumber. P. O. Box 643, Montreal. 6-T.f.

### Offers Wanted

for 2" and 3" Prime Hardrock Maple for English importers. State price and delivery. Box 104, Canada Lumberman, Toronto. 3-8

### Wanted

Hemlock, Spruce and Pine in all dimensions. Apply Box 193, Canada Lumberman, Toronto. 7

### Wanted

Ten carloads Hard Maple 1 1/4" x 3 1/4" x 18" and up in length. For further particulars, apply to Box 155, Canada Lumberman, Toronto. 5-T.f.

### Wanted

Number one Birch and White Oak Logs, in carload lots. Quote price F.O.B. shipping point. Apply Box No. 143, Canada Lumberman, Toronto. 5-8

### Wanted

Ten carloads of good No. 1 Common and Better 4/4 White winter cut Basswood. For further particulars, apply to Box 191, Canada Lumberman, Toronto. 7-T.f.

### Wanted to Purchase

5/4 x 3 and up, 5th and better Spruce either dry or green. Also stock of winter-sawed or summer-sawed scant 2". Address H. V. Berry, Fort Plain, N. Y. 7-10

### Cull Hemlock Wanted

Car lots, 1" Mill Cull Hemlock, also 2 x 4-8-10. Dry stock properly graded. Give full particulars and price in the rough and also dressed on one side and edges. Apply Box 187, Canada Lumberman, Toronto. 7

### Spruce Lath Wanted

Correspondence solicited from dependable parties having 3/4 x 1 1/2 x 4 stock for sale, prompt and future shipment. State quantity, also terms in your reply. Box 180, Canada Lumberman, Toronto. 7

### WANTED

CLEAR MAPLE, 50% in pieces, 1 x 3 x 4' 50% in pieces 1 1/4 x 2 x 4'.  
CLEAR FACE MAPLE STRIPS, 1 1/4 x 3 x 18, 27 and 36" long. Quote f.o.b. Mill. Will inspect and pay cash when loaded.  
POWELL LUMBER & TIMBER CORPN., 43 Davis St., Long Island City, N. Y. 6-9

### Wanted Birch

and other Hardwoods suitable for the U. S. trade, graded or log run. Cash as loaded. Give loading point and full description together with estimated grades. Wallace H. Partridge, Inc., Springfield, Mass. 5-T.f.

### Wanted

15 cars 1 1/4" Winter Cut Basswood Log Run. 12 cars 2 1/2" and 3" No. 1 Com. & FAS Soft Elm.  
5 cars each 2", 2 1/4" and 3" Hard Maple, No. 1 Com. & FAS.  
10 cars Birch logs, good size and quality. Write Conroy-Buchanan Lumber Co., Jamestown, N. Y. 4-7

### Wanted to Buy

5 cars 4' No. 2 White Pine Lath.  
5 cars 4' No. 3 White Pine Lath.  
5 cars 4' No. 3 Red Pine Lath.  
5 cars each 2 x 4-10", 2 x 4-10 to 16 and 2 x 8-12'-14'-16" Jack Pine or Spruce.  
Duttweiler Weiler Lumber Co., 413 The Arcade, Cleveland, Ohio. 7-10

### PUBLISHER'S NOTICE

Advertisements other than "Employment Wanted" or "Employees Wanted" will be inserted in this department at the rate of 25 cents per agate line (14 agate lines make one inch). \$3.50 per inch, each insertion, payable in advance. Space measured from rule to rule. When four or more consecutive insertions of the same advertisement are ordered a discount of 25 per cent. will be allowed.

Advertisements of "Wanted Employment" will be inserted at the rate of one cent a word, net. Cash must accompany order. If Canada Lumberman box number is used, enclose ten cents extra for postage in forwarding replies. Minimum charge 25 cents.

Advertisements of "Wanted Employees" will be inserted at the rate of two cents a word, net. Cash must accompany the order. Minimum charge 50 cents.

Advertisements must be received not later than the 10th and 20th of each month to insure insertion in the subsequent issue.

### Birch Lumber Wanted

Several cars of 2" & 2 1/2", Merchantable Quality, complete run of the log, mill culls out, or No. 2 Common & Better. Send offers stating lowest cash price f.o.b. mill, to Box 179, Canada Lumberman, Toronto. 7-10

### Lath Wanted

For Detroit delivery: 10 cars 4' No. 1; 10 cars 4' No. 2; 5 cars 32" Mill Run—all White Pine. For Cleveland, Ohio, delivery: 2 cars 32" Mill Run White Pine, Lath must be well manufactured (3/8" x 1 1/2") and carefully graded. Brewster Loud Lumber Co., 333 State Street, Detroit, Michigan. 6-9

### Wanted to Buy

Several million feet of 2" and 3" by 4" and wider Merchantable Quality 4ths and Better Spruce. Send particulars giving description of stock, specification as to widths and lengths, quoting lowest cash price f.o.b. mill, to Box No. 186, Canada Lumberman, Toronto. 7-10

### Wanted

2 Million feet spruce, jack pine and hemlock for spring delivery.  
10,000 cords of spruce peeled and rough pulpwood.  
10,000 cords of peeled poplar.  
50,000 cedar, hemlock and jack pine ties.  
Apply to Quebec Lumber Co., 140 St. Peter St., Quebec, Que. 5-8

### Dry Hard Maple Wanted in Carload Lots

1 1/4" x 3" in lengths of 18", 27", 36", 45" etc.  
1 1/4" x 3 1/4" same lengths.  
1 1/4" x 2 1/2" x 49" (one half each size.)

1 " x 3 1/2" x 49"  
All to be free from defects.  
Will contract for mill cuts of hard maple to be sawn into these sizes after lumber is dry, shipment next summer and fall.

Box No. 989, Canada Lumberman, Toronto. 3-T.f.

## Lumber For Sale

### For Sale

Slack barrel and keg material by the carload. R. J. Miller, Blacklands, Siding, N.B. 3-14

### Dry Hardwood for Sale

100,000 ft. Birch, Maple, Beech, Oak and Ash Sawn 2", 3" and 4" thick. Chapeau Lumber Company, Fort Coulonge, P.Q. 4-T.f.

### For Sale

1 million ft. Fir and Larch, to be cut in dimensions, several cars 3 x 12 small timbers up to 12 x 12. Michael Dumont, Bridesville, B. C. 5-8

### For Sale

Standing timber estimated 20 million feet, about 75% hardwood, with or without mill. Located in Northern Frontenac County, Ont. Apply Box 76, Canada Lumberman, Toronto. 2-7

### For Sale

Ash Squares, Sizes 1 1/4" x 1 1/4" x 48" & up to 2 1/4" x 48". Also a small quantity White Birch in Squares and in Lath. Warren & Crampton, Warren, Ont. 7

### Hemlock for Sale

150,000 ft. of 1" Mill Cull Hemlock 1922 sawing well manufactured and properly graded. Can be dressed if desired at shipping point at low price.

J. GEO. CHALIFOUR,  
93 St. Peter St.,  
Quebec, Can. 5-8

## Machinery Wanted

### Wanted

30" to 34" Main Drive Belt about 120 ft. long. Give full particulars, nothing but good stock considered. Box 185, Canada Lumberman, Toronto. 7-8

## Machinery For Sale

### Sawmill for Sale

Cheap at La Reine, Abitibi. Apply to L. N. Huart, Levis, P. Q. 6-7

### For Sale

Linn Lumber and Logging Tractor. Apply Box No. 60, Canada Lumberman, Toronto. 24 T.f.

### For Quick Disposal

One slide valve engine, 100 H.P. in good repair. Will sell cheap for quick sale. Box 125, Canada Lumberman, Toronto. 4-7

### For Sale

One heavy duty lumber carriage 40" open-with or without steam feed. A snap if taken at once. Box 126, Canada Lumberman, Toronto. 4-7

### For Sale

McGregor Gourlay O.Y., 15 x 6 Planer and Matcher complete. Now running. The Peterborough Lumber Co. Ltd., Peterborough, Ont. 4-7

### For Sale

Two Steam Engines. About 100 H.P. each. Both in fine running condition. Very low price for quick sale. Address, The Maitland Lumber Co. Ltd., Liverpool, N. S. 5-8

### Corliss Engine for Sale

An E. Leonard & Sons 18" x 36" horizontal 175 h.p. Corliss Steam Engine; heavy duty girder frame and outbearing; 12' x 24" hand wheel and ball governor; in first class condition. Will sell at a bargain. The American Pad & Textile Co., Chatham, Ont. 6-9

### For Sale or Exchange

Cleveland Tractor, slightly used, A1 condition. Will sell or exchange for Birch or Spruce Crating. Box 188, Canada Lumberman, Toronto. 7

### For Sale

1 Waterous Pony Bond \$635.00. 1 E. Long 36" right hand Edger with 3 collars, \$365.00. All in good condition. Box 136, Canada Lumberman, Toronto. 5-10

### For Sale

One used S.A. Woods Planer and Matcher, 15" x 9", No. 33 in very good working order, at a very attractive price. Also one Automatic Circular Saw Grinder. O. Chalifour, Inc., Quebec, P.Q. 4-7

### For Sale

1-7" Steam Feed  
1-Medium weight Carriage 40" opening, Double acting set works.  
1-Balance Wheel, 8 ft. dia. 4" rim 4 1/2" bore, approximate weight 20 hundred.  
50 ft. Smoke Stack—24 in. dia.  
1-Champion Steam Engine 8 x 10.  
L. Robertson, Ardbeg, P. O., Deer Lake, Ont. 5-8

### Wickes Gang

GANG: No. 12 Wickes Gang, 40" sash, 15" stroke, steam boiler rolls, front and back in two sections, feed and oscillation combined, 1908 model, and has been in use for five years. We furnish with this gang 11 rolls for cants and stock, one filing machine, and 4 sets of saws.

THE PEMBROKE LUMBER CO.,  
Pembroke, Ont. 1 T.f.

### Engines, Boilers, etc., for Sale

One "Williams" Upright Engine 6" x 6".  
One Upright Engine 5" x 6".  
Six return tubular boilers of following dimensions:—  
One "Butterfield" 72" x 14'-3 1/4" tube—3/4" shell.  
One "Polson" 64" x 14'-3 1/4" tube—1/2" shell.  
One "Doty" 60" x 15'-4" tube—1/2" shell.  
One "Doty" 60" x 15'-4" tube—1/2" shell.  
One "Doty" 60" x 14 1/2'-4" tube—1/2" shell.  
One "Inglis" 60" x 16'-3" tube—1/2" shell.  
One double acting "Northey" Fire Pump, 6" suction, 5" discharge, 14" steam cylinder, 8" water cylinder, 13" stroke, capacity 450 gallons per minute.  
One "Northey" feed pump 6 x 4 x 7" stroke, capacity 60 gallons per minute.  
One brass mill steam whistle.  
For further particulars apply The Conger Lumber Co. Limited, Parry Sound, Ontario. 13-E.o.I.-T.f.

## For Sale

### Priced at Worth-While Saving Prices

No. 118 BERLIN Heavy Pattern Inside Moulder.  
No. 218-30" C.M.C. Heavy Cabinet Planer, with round Safety Cylinder with High Speed Knives. Sectional Rolls and Chip Breaker—equal to new.  
No. 660 GREENLEE 8"-4 sided Heavy Pattern Moulder.  
No. 65 OLIVER Self-Feed Rip Saw.  
No. 824 C.M.C. 24" Buzz Planer—equal new.  
No. 823 C.M.C. 20" Buzz Planer—equal new.  
No. 712 C.M.C. 36" Heavy Band Saw.  
No. 201 GREENLEE Horizontal Hollow Chisel Mortiser—equal new.  
No. 511 C.M.C. Blind Slat Tenoner.  
No. 803 C.M.C. High Speed Ball Bearing Shaper—like new.  
No. 916 C.M.C. Vertical Wood Borer—like new.  
No. 823 C.M.C. 20" Wood Lathe, Double End—equal new.  
No. 438 McGregor-Gourlay Hollow-Arm Sander.

We will be only too pleased to send you descriptive circulars as well as attractive prices upon request.

WILLIAMS & WILSON LIMITED,  
No. 84 Inspector Street,  
Montreal. 7-8



# Notice to Sawmill Owners

We are disposing of the machinery, etc., in our sawmills at Waubushene, Ontario, and would be glad to have enquiries for any kind of sawmill machinery. At the present time we have unsold:

Band-Saw Mills and Saws.  
Circular Saw Frames and Saws.  
Gang-Saw Machines and Saws.  
Twin Circular Machines and Saws.  
Carriages with and without Steam Set-works for the above  
Band-Saws and Circulars.  
Steam Feeds for the above Carriages.  
Steam Log-Loaders and Steam Niggers.  
Trimmers and Slash Tables.  
Lath Mills.  
Automatic Circular Grinders.  
Automatic Gang-saw Grinders.  
Automatic Band-saw Grinders.  
Log Haul-ups.  
Engines, Boilers, Shafting, Pulleys, Belting, Lumber Trucks.

Every thing that goes to make up a large sawmill.

This machinery, for the greater part, is of William Hamilton Manufacturing Company make, and is in first class condition and the prices are right.

Enquire from—

**Georgian Bay Lumber Co., Ltd.**  
Waubushene - Ontario

## GOOD VALUES

### Subject to Prior Sale

Band resaw, Connell & Dengler, 54" and 60".  
Band resaw, Mershon 54" Standard.  
Band rip saw, Yates No. 281.  
Circular resaw, 44".  
E. B. Hayes, Dowel Gluer and Driver.  
Jointers, 18" and 24".  
Matcher, Woods No. 403 double profiler.  
Matcher, Woods, 15" No. 24 square head.  
Matcher, Sherman Hardwood Flooring End.  
Matcher and Sizer, 30" x 12", American.  
Matcher, Hardwood American No. 229.  
Moulder, Woods No. 2 light inside.  
Moulder, Smith 10" four side.  
Moulder, Woods 12" 5 head inside.  
Planers, all sizes single and double.  
Sanders, three drum, 30", 42", 48" and 60".  
Saws, circular, power feed, several makes.  
Timber Sizers, Yates and American.

Woodworking Machinery Co., of Buffalo,  
54 Mechanic St.,  
5-E.o.I.T.f. Buffalo, N. Y.

## Sawmill Machinery For Sale

I am dismantling one of the largest mills in Nova Scotia, and offer the machinery at junk values. Complete list furnished on request.

Here are a few items picked at random, to give you an idea of the money you can save:

42" Stock Gang—Stearns Mfg Co.,  
Erie, Pa. ....\$1000.00  
24" Stroke Double Cylinder A frame  
Sawmill engine Geo. Waring Mfr. \$1000.00  
1 Left hand Band Saw Carriage 25'  
Overall with set works, dogs, wire  
rope, feed gear driven by a Pawling  
& Harnishfecher twin engine feed,  
10 x 12 cylinder—carriage equipped  
for setters to ride .....\$1500.00  
1 Tandem Band Sawmill composed of a  
right and left hand Band Saw with  
wheel 72" x 8" .....\$ 400.00

Haulup, Steam Kickers, Live Rollers, Conveyors, Shafting, Hangers, Boxes, etc., etc.

RALPH P. BELL,  
Timberlands & Pulpwood,  
47 P.O. Box 1081, Halifax, Nova Scotia.

## Situations Wanted

WANTED—Position as city salesman on commission basis. Experienced—references. Box 183, Canada Lumberman, Toronto. 7-8

POSITION WANTED by a first class Band Saw filer, 20 years experience. No job too large. Box 15, Canada Lumberman, Toronto. 5-10

EXPERIENCED LUMBER SALESMAN, good connections Ontario and New York State, open for engagement end of March. Box 167, Canada Lumberman, Toronto. 6-7

RETIRED LUMBERMAN, well known by retailers here, would like lumber mill's agency for Montreal and Province. Best references and certain capital. Apply Box 160, Canada Lumberman, Toronto. 6-7

BOOKKEEPER AND OFFICE MAN, 15 years experience in wholesale and retail lumber offices, open for engagement in May (sooner if necessary) Box 168, Canada Lumberman, Toronto. 6-7

LUMBERMAN, twenty years experience, would like position as buyer or charge of yard. Can handle men. Capable of grading for American and English markets. Apply Box 184, Canada Lumberman, Toronto. 7

YARD FOREMAN and inspector open for position in large wholesale hardwood lumber yard, 13 years experience buying and shipping lumber on the road, also experience in pine yards, understands National Hardwood rules. Reliable and careful worker. Apply Box 178, Canada Lumberman, Toronto. 7-8

EXPERIENCED LUMBER BUYER AND INSPECTOR of hardwood lumber open for position April 1st, understands the National rules, 14 years experience buying and shipping to United States and English markets, also Canadian manufacturers. Would be willing to handle selling end. Apply Box 177, Canada Lumberman, Toronto. 7-8

WANTED—Position as woods superintendent. Twenty years experience in logging and river driving logs or pulpwood. Can handle the business thoroughly, either jobbers or company camps. Best of references, both languages, and married. Box 146, Canada Lumberman, Toronto. 5-8

WANTED—Position as Superintendent, or manager of lumber company. Eighteen years practical experience, which time have been with but two concerns, holding these positions with success. Would entertain subordinate position with future and prove ability. Forty years old and married. Unquestionable references as to ability and integrity. Box 80, Canada Lumberman, Toronto. 4-7

POSITION WANTED—By young married man, with progressive concern. Eight years' experience as manager large retail yard, also wholesale selling experience in both Eastern and Coast materials. Would prefer Western Ontario or further west. Apply Box 172, Canada Lumberman, Toronto. 6

YOUNG MAN, 24, wishes progressive position with lumber firm. 3½ years experience in lumber manufacturers' office and yard. Experience shipping cars and cargoes. Payrolls and general office routine. Can operate typewriter. Prefer part outdoor work. Go anywhere. Box 169, Canada Lumberman, Toronto. 6-7

PERMANENT, PROGRESSIVE POSITION desired May 1st or after. Good, all-round office man. Age 39, married. Twenty years lumber trade experience. Can work without supervision and handle correspondence and all duties. Have experience in Hardwood and Softwoods. Initial salary not main point provided reasonable prospects. First class references and can put up security if necessary. Write Box 161, Canada Lumberman, Toronto. 6-8

AGGRESSIVE YOUNG MAN—with ability, integrity and 5½ years and valuable experience in lumber offices, desires permanent position that has a good future with progressive concern. Have been accustomed to handling correspondence, orders, sales and bookkeeping. Prefer to locate in Georgian Bay district or Northern Ontario, but other places considered. Excellent credentials. Replies treated confidentially. Box 148, Canada Lumberman, Toronto. 5-7

## Situations Vacant

WANTED—Sawyers, Filers, Setters, Edgermen, Mill Hands. Apply Box 109, Canada Lumberman, Toronto. 3-7

WANTED—Captain for tug 35 Nominal Horse Power, used principally for towing logs. In reply give age, nationality, and state experience towing logs. Apply—Bishop Lumber Co., Nesterville, Ont. 6-7

WANTED: Millwrights, Filers, Sawyers, Setters, Edgermen, Trimmermen and general Sawmill hands. Apply stating wages and experience to Geo. Gordon & Co. Ltd., Cache Bay, Ont. 7

## Business Chances

### Business Opportunity

Want partner for woodworking business; moving and enlarging. Man with \$10,000 to \$12,000 capital and experienced in factory production preferred. Box 159, Canada Lumberman, Toronto. 6-9

### For Sale

Rixon-Ainslie-Stoddart Sawmill at Owen Sound. Splendid power plant and machinery. Will be sold cheap. Apply Keenan Bros., Ltd., Owen Sound, Ont. 23 T.f.

### Lumbermen

Please send your stock sheets with prices delivered Detroit on hardwood lumber, also customer's contract for mill-cuts to A. H. David, 2626 Taylor Ave., Detroit, Mich 1-11

### Wanted

to correspond with parties who can deliver 500,000 feet or more 8' jack pine logs to vessels anywhere in Georgian Bay. Address Hine Lumber Co., 3-123 General Motors Building, Detroit, Mich., U. S. A. 5-8

### For Sale

Timber Berth No. 200 in the Township of Morin on the North shore of Lake Huron containing 34½ square miles more or less. The limit contains mainly white pine, there is also a large quantity of spruce, cedar, birch and hemlock. A list of supplies on hand and equipment may be seen at the depot. A complete logging and driving outfit consisting of sleighs, boats, two gasoline launches, thirty-four horses, etc. Tenders will be received by Fraser & Co., 74 Nepean St., Ottawa, up to the 10th of May 1923. Further particulars may be had on application. 5-9

### For Sale

Mill and Timber Limits for sale. Timber large proportion Hardwood. Mill twenty thousand capacity. Large cattle and breeding ranch. Will sell with or without ranch. Located in Eastern Ontario. Address Box No. 50, Canada Lumberman, Toronto. 22T-f.

### Wanted

To represent an A-1 Canadian Hardwood Lumber mill on a 5% Commission, mill price. Can sell 15,000,000' to 25,000,000' a year direct to trade. Will buy direct myself 5,000,000' to 7,000,000' for my own use. Geo. I. McClure, 2521 Clark Ave., Detroit, Mich. 6-7

### For Sale Cheap

Circular Sawmill, Building and Machinery; Steam Feed, suitable for Ties and Lumber.

### also

Small two-storey Brick Factory, well-located, with or without woodworking machinery. Apply to John Harrison & Sons Co., Limited, Owen Sound. 24 T.f.

## Pulpwood Limits For Sale

### Leasehold Rights on

54½ sq. miles near Lake St. John, Que., on the Little Peribonka River, Quebec Saguenay Pulp Co., Ltd., Insolvents. The White Falls—12 miles above the lake—Outright. 37-40 feet head—two miles above the Mill. Provincial Government Works on lake will render the river navigable up to the Mill. 3800 Cords of Pulpwood—near Mill. Mill—Machinery, Equipment, a few houses for officers and employees. This is your opportunity—For further particulars, apply to,

Turcotte & Merrill; Trustees,  
97 St. James Street,  
Montreal.

## The Canadian Land and Immigration Company of Haliburton, Limited

This Company owns in fee simple over 300,000 acres of timber lands in Central Ontario. These lands are well timbered with Spruce, Balsam, Hemlock, Basswood, Birch, Maple, Ash and Cedar and considerable Pine.

The timber on this property will be sold in blocks of from 10,000 to 50,000 acres with a reasonable time to take same off. Or the land and timber will be sold together.

There are two Railroads running into the property, one into the Southwest corner and the other into the Southeast corner.

This territory is so well interspersed with lakes and rivers that the cost of getting out the timber is comparatively small.

As the property is held in fee simple there are no Government dues or restrictions as to manufacture, therefore, anything cut on the property can be exported in its raw state.

Maps and plans and further particulars will be given on application to the undersigned.

W. H. LOCKHART GORDON,  
Managing Director,  
79 Adelaide Street East,  
Toronto.

6-9

## Pulpwood Limit

We have for sale licenses on two townships of about 72 square miles between Parry Sound and Sudbury. The timber on these townships is mostly poplar pulpwood and is exportable to the United States. Also there is a large quantity of other timber, spruce and balsam pulpwood, jack pine ties, elm, oak, etc.

The longest haul to the railroad would be about six miles and the average around three miles.

For further particulars apply to

Mulholland and Company  
23 Jordan Street, Toronto, Ont.

6-9



**Sawmill and Timber Limit for Sale**

Saw Mill located on the Canadian National Railway, Rawdon, Que., fully equipped, with 18 square miles of limits, assorted timber, at a bargain.

For further particulars apply

R. H. Miner Company, Ltd.,  
207 St. James St.,  
Montreal.

7-10

**Motor Boat for Sale**

One 26 ft. flat bottom driver's boat, equipped with Sterling 12-15 h.p. Engine, complete with power winch, in first class shape. Engine only in use three months. For particulars, apply to Fassett Lumber Co., Limited, Fassett, P.Q. 6-7

**For Sale**

Free Hold Timber limit, 8 square miles, 80% spruce balance balsam and jackpine. A sawmill with modern machinery and complete outfit. Sale in block or at \$2.50 per cord standing, limit situated at Greening, Quebec. For information call

JULES BRETON, Manager,  
The Bedard Lumber Company Limited,  
6-9 Joliette, Quebec.

**Wanted**

To buy a whole or controlling interest in a timber proposition of real merit. Preferably Northern Ontario. Apply S. A. M., 9 College Street, Toronto. 6-9

**For Sale**

**SPECIAL OPPORTUNITY**, to join with owner of valuable timber property on waters tributary to main line of C. P. R. in British Columbia.

Cedar, Spruce, White Pine and Hemlock 120,000,000 feet.

Would dispose of part interest on very attractive basis.

Full particulars on application to H. Y. T.

**Scrap Iron Wanted**

All kinds of scrap iron and broken machinery bought at all times. Highest market price paid. D. Florence & Son, Peterboro, Ont. 7-10

**FOR SALE:**—Used Belting, Rails, Blocks and Pulleys. Send us your Scrap Iron and Metal etc. Highest market price paid. A. Low and Company, 264 Simcoe St., Peterborough, Ontario. 1-24

**D. FLORENCE & SONS**

Bethune St., Peterborough, Ont.

Dealers in Scrap Iron, Metals, Second-Hand Machinery, Pipes, etc. 2-24

**Wanted**

From five to fifteen million feet of standing spruce, jackpine, balsam, fir, or pine, located in Ontario, Quebec, New Brunswick or Nova Scotia. Kindly furnish prices per thousand, description of country for logging and nearness to railroad. Box 176, Canada Lumberman, Toronto. 6-7

# Review of Current Trade Conditions

**Montreal Business Good and Prices Stiff**

There is little change in the Montreal market. Orders are still coming in freely, prices are strong and supplies of lumber are hard to get. Wholesalers, who have been fortunate to secure additional stocks, find no difficulty in immediately disposing of them. The recent heavy buying has taken large stocks off the market with the result that the shortage is becoming pronounced. This foreshadows further increases in prices, provided the demand is even moderate. Some of the mills are holding on in the expectation that the upward movement will continue for some time, but there is such a thing as losing the market.

Wholesalers generally are of the opinion that they will do an active trade for several months and, even if prices decline under the pressure of the new cut, the recessions will not be of a far-reaching character.

The orders for spruce for American account are still of appreciable volume. Fortunately the car situation is better so that shipments are going forward at an increased rate. The supply of cars is still far from adequate, particularly on the Canadian National Railway lines.

The hardwood section is very strong with stocks by no means plentiful. Prices now being paid for birch especially represent a substantial advance as compared with three or four years ago, and some of the Quebec mills are asking still higher prices for the stocks on hand.

Lath continues to be firm. There are many inquiries and the mills are inclined to boost quotations for spruce lath.

Although navigation will not be open for some time, there are indications that exports to the United Kingdom will be on a larger scale than last season. Some shippers are planning on a more extensive trade with the Old Country where the demand should be more active having regard to the better commercial conditions there. Some time ago the steamship companies intimated that the rate would be 80s per standard, as against 85s last year. This, it is now announced, will be further reduced to 70s. The exporters have complained in the past that the rate was too high, especially when compared with the rates paid from countries competing with Canada in the United Kingdom. The answer was that the rate had little bearing on competition and that reduced rates would not stimulate shipments. The protests, however, have not been in vain, although shippers would like to see a more drastic lowering.

**St. John Looks for Higher Prices for Spruce**

Local conditions remain unchanged in as far as they apply to the lumber trade. Heavy snows and cold weather in March stagnated trade for a while. No repair work of any magnitude can be taken up; only such cases as fire losses which must be replaced, are being carried on, and, fortunately, for the community very few fires of any size have happened. The factories are finding hardly enough work to keep the wheels turning, the manufacturers being forced to make up stock for future trading rather than tie up their plants. Prices remain firm caused rather by the advances in spruce and B. C. fir at the point of shipment.

The foreign markets are holding their own. The English market has not weakened even under the present continental conditions, and sales have taken place which are leaving an all-around price of \$30.00 per M at mills, containing about 2/3 7 and up with around 20% and up, ordinary random stock. Only a few sales have taken place as manufacturers believe prices will improve. Freights re-

main at 65 shillings for tramp steamers for summer loading. A good deal of stock has moved out of St. John via the liners, both to Liverpool, Glasgow and Irish ports. Of course, the Irish deal shipments are selling at much better prices than above, and the only drawback is the shortage of stock available for this market.

The American market has advanced prices from \$1.00 to \$2.00 per M during the last few days, and the Boston price for narrow and random is now \$37.00 to \$38.00, which leaves \$27.00 to \$28.00, f.o.b. St. John rate. The whole trouble was to get stocks forward as practically every point on the B. & M. was embargoed with the exception of the shore route via Salem, Mass.

With only a limited amount of Eastern stocks available, a fairly good English market and the west fairly well taken care of, there is no reason why spruce will not grow to even higher values. No manufacturer wants to see it overdone but, at the same time, it has been much more expensive to log this winter than a year ago and higher values are needed.

**Quebec Exporters are in More Optimistic Mood**

Although the letters so far received from the selling representatives of the Quebec lumber firms who proceeded to the United Kingdom at the end of January last, are not as encouraging as anticipated, there is a feeling in the Quebec export business that a reaction is destined to set in during the month of April that will put a new and surprising complexion on the political and with it the business horizon of Great Britain.

From confidential trade advices received of late from business centres of England, a new spirit of optimism has taken possession of the British public, causing more animation in the industrial and retail activities of the country, which is bound to spread into all avenues of the business life of the United Kingdom. This cheering aspect at present permeating the mental vision of the British public, is due to the expectation of a settlement of the Near East Question and the prospects of an agreement being reached between France and Germany over the reparation question which will bring peace, and in due time normalcy to the European world. The silver lining has begun to make its appearance amongst the dark foreboding clouds that have so ominously overhung the European horizon since the war. Expert economists, who have been visualizing the situation, have withdrawn their telescopic concentration to exclaim that there is no further justification for pessimism.

In the meantime, Quebec lumber firms and limit holders, who are carefully watching the European situation, especially the wood markets in the United Kingdom, do not expect to receive many large orders from Great Britain for shipment in the earlier part of the coming spring and summer. They base their opinion on the short selling of their representatives in England during the first two months of the present year, and say that, with the settlement of the Near East and Ruhr difficulties, which will take months to reach agreements, they cannot expect any real beneficial results until the closing months of the 1923 season of navigation. Among the things they point out in justification of their viewpoint is the persistent discrimination against Canadian export trade by the steamship companies in their high rates of ocean freight which embargoes them from competing with the prices of wood exported from Scandinavian countries to the United Kingdom markets. For this reason they, while keeping a hold on the European markets, are for the present placing all their dependence on the United States market.

The Quebec lumber merchants and mill owners are all heavily booked with orders from the United States where the building boom continues, and from American export advices, will continue all





View of Mills in Sarnia.

## ***“On Time” Delivery***

Getting the goods delivered ON TIME is just as important as being able to produce them—and we make a specialty of both. Ask any retailer or woodworking establishment who has been using our A 1 NORWAY or WHITE PINE LUMBER.

We also make a specialty of heavy timbers, cut to order any length up to 60 feet from Pine or B.C. Fir. Quotations will be gladly forwarded upon request.

***“Rush Orders Rushed”***

# **Cleveland-Sarnia Sawmills Co., Limited**

**SARNIA, ONTARIO**

B. P. BOLE, Pres.   F. H. GOFF, Vice-Pres.   E. C. BARRE, Gen. Mgr.   W. A. SAURWEIN, Ass't. Mgr.



through 1923, and go better, at least 25 per cent, over 1922. But in this case the Quebec shippers are badly handicapped on account of the car shortage and periodical embargoes by American railroads. W. Gerard Power, president of W. & J. Sharples, Limited, St. Pacome Lumber Co., and other big interests in the lumber trade, discussing the car shortage situation with the Quebec correspondent of the "Canada Lumberman," said "The conditions in connection with the shipment of lumber from the district of Quebec are, to say the least, intensely aggravating. This does not alone apply to the want of cars for the shipment of wood to our customers in the United States but likewise applies to the shortage of cars on our own Canadian railroads. The general public would hardly believe it but it is nevertheless the truth, that the Quebec lumber shippers are constantly after the Canadian railway interests, especially on the south shore of the St. Lawrence where the Canadian National Railways operate, to obtain freight moving accommodation, with negligible success. For this reason our business is greatly interfered with and held up, to our business detriment, and notwithstanding we have no redress. There seems to be a big shortage in freight cars and the railroads appear unable to remedy the regrettable situation.

"In reference to the American car shortage situation," said Mr. Power, "it is almost intolerable. We in the Quebec trade have large orders for shipments into the United States which we are powerless to have moved. Every now and then there is an embargo placed on Canadian shipments into the United States, which is a source of great annoyance. Goodness knows we have many and great difficulties to secure cars, and when we do get a few together at the mills and loaded for movement, in comes the order that an embargo has been placed.

"No doubt," he continued, "there are good reasons to be advanced by the American railroads for the placing of these embargoes, but, in the meantime, the Canadian shippers are suffering. The reasons advanced for this state of transportation hold-up can be traced to several sources,—the miners' strike, the shortage in the coal situation in the New England and New York States, the movement of grain for shipment through American Atlantic seaports and lastly, and not leastly, the depreciation in American railroad rolling stock. This latter difference is undoubtedly due to the letting over and operation of United States railroads by the American Government during and for some time after the war. When the life was worked out of the cars by neglect to repair, the railroad shopmen's strike, and the disinclination of the American public to invest their money in American railroads. In the meantime something must be done and done quickly to remedy this lamentable car situation before the bottom of the transportation system in the United States, as well as Canada, is knocked out."

W. G. Power, and several woodmen employed by the various Quebec lumber firms and limit holders, who returned from the woods in the second week of March, reported a considerable depth of snow, sufficient in some cases, to hamper operations. It would appear that the snow has fallen in greater abundance along the south shore of the St. Lawrence than the north shore, though with the exception of the upper part of the Lake St. John and the Saguenay, the beautiful was from four to six feet in depth. Mr. Power said that there is a good depth of snow in the limits owned and being worked by his company's interests, which indicate an abundance of water in the rivers for the spring drive. It is computed that logging to the extent of one billion beet is being cut in the province of Quebec woods this winter, the greater part, or approximately 62 per cent, for pulpwood. Mr. Power states that his firm is cutting the same amount of wood as last year, and, with the exception of Price Bros., all the other firms are harvesting about the same quantities in timber and deals as last year. This is being carried out principally to meet the demands of the American market.

### New Lumber in East is Moving Fast

Rufus E. Dickie, of Stewiacke, N. S., president of the Nova Scotia Lumbermen's Association, in a recent letter to the "Canada Lumberman," reviewing operations of the past year and the outlook for the future, says that it was late last fall before Nova Scotia operators decided to go into the bush, and work should have started a month before it did. Men were not as plentiful as wished for, and this spring the crews were leaving the camps earlier than usual. The winter operations by millmen will only show a small profit. Operators had planned for a cut of around 200,000,000 feet.

Snow came early in December and the frost did not get a chance to get into the swamps and soft places; the lakes, however, froze well. Snow continued to come until about the third week in January when it got so deep that a great many camps had to come out. The worst snow seemed to be in that section of Colchester bordering on the Bay of Fundy and all of Cumberland County. Some parts

of southern Nova Scotia were also hit hard. The snow all over the province was deep and those camps that were working, have not been able to get the quantity out they otherwise would have. The snow difficulty reduced the expected cut by at least 50%; 125 millions will be the limit and this will be mostly manufactured this winter. The summer cut will be small.

Approximately all the old merchantable stocks have been shipped and the very small portions remaining have been pretty well sold. Even the culls are pretty well cleaned up. The new lumber is moving to market very fast and the quantity left by May will be small; practically everything has been sold.

Manufacturers have always favored the English market, and as that market improved last fall sufficiently to show a profit, many of the cuts were sawn into English sizes. The American railway embargoes have also had some effect in turning stock overseas. Liner shipments go forward regularly every week. The English market has taken considerable American sizes this winter and a lot of two inch stock has been sold there at fair prices.

Nova Scotia did not go into the lath game heavy and when the slump came in January most of the little mills stopped. No large surplus developed as the cuts were shipped about as fast as they were got ready.

### Good Lumber Market Outlook Throughout Ontario

The outlook in the lumber line continues bright and reports from nearly all concerns, big and small, are unanimous that business is good in spite of adverse weather conditions which prevailed for several days in March. City yardmen are purchasing more freely than rural retailers as building has started up on a broader scale in the larger centres. Most country dealers are pretty well stocked up at present and are waiting for spring developments before buying to any considerable extent. Dry mill stocks of all kinds are not plentiful at the present time and particularly so in many grades of white pine. There is a decided shortage of culls and prices have stiffened considerably on box, common and dressing.

White pine culls of all thicknesses in 10 and 12-inch widths are scarce in both No. 1 and No. 2. No. 1, 2-inch cull stock is practically off the market. No. 2 culls in the narrow widths are moving lively on account of the shortage in No. 1.

Nearly all the mills have sold their output for the coming year at an advance of 15 to 25 per cent over the figures that prevailed last spring. This is interpreted as a good omen and portends a season of activity and development. The one great fear is that there may be a runaway market, and if prices should go too high, there will be a decided reverse. Many other articles entering into the building of a house or business block are going up in value, and if the advances continue, the number of business concerns and private parties, who were thinking of going ahead with structural undertakings, may call a halt in the proceedings. Dry stocks from the 1923 cut will be coming on the scene early in June and July, and just what effect increased production will have, cannot be gauged at this period. Even if prices should drop at that particular time, it is felt that the decrease will be so small that the general situation will not be materially affected.

An active building season is predicted by all those closely allied with the structural trade unless prices ascend away beyond present levels.

Advices from the Coast say that B. C. mills are booked full to the end of May for lumber export to China, Japan, Australasia and the United Kingdom. A total of about 30,000,000 feet is on the books. About twice this quantity will be shipped to California and Atlantic coast ports in the same period, it is estimated. The prairie or domestic market is at present dormant.

Lumber manufacturers are now anxiously looking forward to the way that conditions will open up for the spring drives and mills are preparing to make an early start. It is believed that the forthcoming sawing season will be an unusually long and successful one.

During the third week in March there were heavy snow-storms in the north which somewhat interfered with the hauling and skidding of logs. Just how soon the lakes and streams will be free of ice and drives begin, it is impossible to state at the time of writing.

The demand from the United States markets is particularly active and the number of embargoes which have prevailed, are gradually being lifted. Many firms are behind in their shipments, and now that the transportation situation is easier, are rushing forward the stock.

Conditions underlying the whole lumber arena are fundamentally sound but every attempt should be made to check a speculative rise in prices. Some firms, whose supplies have run low, have shown a willingness to pay premiums in order to get what they



New **RAILS** Relaying  
12 to 80 pounds per yard

**LOGGING CARS**

**Jno. J. Gartshore**  
58 Front St. West, Toronto

**The Otis Staples Lumber Co., Ltd.**  
Wycliffe, B. C.

## Larch and Fir

Dimension

Clears

Boards

Crating

Shiplap

Box Lumber

Edge grain larch flooring a Specialty

## Western White Pine

Clears and Commons

Inquiries handled from our Eastern Office:  
**1304 Bank of Hamilton Bldg., TORONTO**

Phone  
Main 5345

R. G. Chesbro,  
Manager

## Wanted at Once

100 to 200 M ft. of 2 x 4 to 2 x 12-10/20 ft. merchantable hemlock—Also the same quantity of good mill run Jack pine. Mill culls out in 2", 3" and 4" thicknesses. State lowest prices and full particulars as to quantity, sizes and if trimmed or not.

## EXCELSIOR LUMBER CO.

Address 33 Richmond St., Toronto

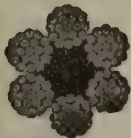
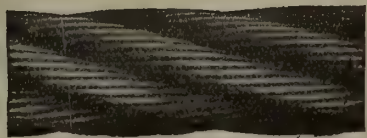
Phone M. 3551

**Saw Mill Machinery for Disposal from the Plants of the Davison Lumber & Manufacturing Co., Bridgewater & Springfield, N.S.**

- 1—Giddings & Lewis 8' Band Mill with Allis-Chalmers Carriage Steam Feed Cylinder 11" x 54' complete with all equipments.
  - 1—Giddings & Lewis 6' Band Mill with New Waterous Carriage Steam Feed Cylinder 9" x 48' complete with all equipment.
  - 1—Giddings & Lewis 6' Horizontal Band Resaw.
  - 2—84" Diamond Iron Works 14 Saw Edgers.
  - 1—Harmon 13 Saw Gang Trimmer with pneumatic control to each saw.
  - 1—Diamond Iron Works Gang Saw.
  - 1—Hamilton-Kendall Circular Gang Saw.
  - 1—Diamond Iron Works Five Saw Lath Bolter.
  - 1—Diamond Iron Works Four Saw Lath Machine.
  - 1—Diamond Iron Works Two Saw Adjustable Lath Butt Trimmer with power feed.
  - 1—No. 1½ Hill Steam Driven Drag Saw.
  - 1—Hill 12" x 24" Vertical Steam Driven Cord Wood Splitter.
  - 1—Appleton Belt driven horizontal cordwood splitter.
  - 1—Diamond Iron Works Heavy Type Friction Log Haul-up.
  - 1—18" x 10" x 12" Worthington Duplex Brass Fitted Underwriters Fire Pump Cap 1000 Gallons per minute.
- FILING ROOM MACHINERY AND EQUIPMENT** consisting of Band, Circular and Gang Sharpeners, Re-Toothers, Shears, Anvils, Brazing and Filing Clamps.
- STEAM DECK EQUIPMENT** consisting of Steam Niggers, Kickers, Loaders, Gang Skids.
- PLANER**—1 practically new, Yates No. 10, 30" x 10" Planer and Sizer with side Head Grinder.
- All the above for immediate disposal at low prices. Write or Wire for full particulars.

**Fleming & MacLeay, Agents**  
Bridgewater, N.S.

## WIRE ROPE



**"We have the Right Rope for every purpose"**

The contributing factors in making good Wire Rope are: 1. Men who know how. 2. The best grade of materials. 3. The most modern machinery. We have all three and are producing the goods. Give us a trial.

**We solicit your enquiries. Write for our catalogue.**

Stock carried in Montreal by J. H. HANSON CO. LTD., Agent

**Canada Wire & Iron Goods Co., Hamilton**

Stock carried in Edmonton and Calgary  
N. F. Judah, McLeod Building, Edmonton, Agent

## CLIMAX GEARED LOCOMOTIVES

ARE BUILT FROM 12 TO 90 TONS



Get  
Catalogue  
"K"

CLIMAX MANUFACTURING Co., CORRY, PA.  
CLIMAX LOCOMOTIVE CO., 67 COLUMBIA ST., SEATTLE, WASH.  
VANCOUVER MACHINERY DEPOT, LTD., VANCOUVER, B.C.



want and when they want it, but from advices received, there is evidence that serious resistance to too high quotations is likely to be offered. Most manufacturers are putting forth every effort to prevent too rapid or radical advances.

The hardwood market continues strong. Quite a number of stocks have changed hands recently, and it is expected that with the industrial revival of the spring, many firms, whose supplies have run low, will have to enter the market to satisfy their requirements. Automobile concerns continue to be very busy and are heavy consumers of stock. Some furniture factories are also reported to have made purchases recently. Generally speaking, prices hold firm with a tendency to increase in the upper grades. One wholesaler reports that No. 3 common birch, 1-inch stock, which is used principally for crating, is scarce at present.

Prices are generally low on 4/4 sidings in No. 2 common and better, 4/4 log run stock and the lower grades of 4/4 No. 2 and 3 common, but inquiries for these are likely to increase as soon as Canadian factories get busier. Selects and the thicker stock of maple, elm and birch have somewhat strengthened during the last few weeks. A number of farmers and others who have been cutting during the past season have sold their stock at a good figure.

It is interesting to lumbermen to note the trend of steel prices. Steel has always been regarded as a barometer of trade conditions, and quotations recently further advanced. Steel makers are doing all they can to enlarge production which is close to the limit imposed by physical conditions, transportation and the supply of labor. This condition is likely to have its influence on other industries. It is said that automobile production and building construction are approaching a limit in some centres because of the scarcity of materials. In spite of the fact that the United States Steel Corporation operations are at approximately 90 per cent of capacity, the unfilled orders increased 373,000 tons during February and at the close of the month total unfilled orders amounted to 7,264,000 tons, an increase of more than 75 per cent from a year ago.

### Building Trade Active in Bigger Cities

The value of building authorized throughout Canada during February was considerably higher than for the month of January, and also higher than February of last year. According to the Dominion Bureau of Statistics, 56 cities making returns, issued permits during February valued at \$4,744,478 compared with \$3,705,256 in January, and with \$4,201,955 in February of last year.

The largest actual increase during February occurred in the Province of Ontario, where 25 cities making returns showed a gain of \$566,505 or 20.9 per cent over February of last year. The largest percentage increase occurred in Saskatchewan where permits valued at \$75,820 were 182.1 per cent greater than in the corresponding month of last year.

Of the bigger cities, Toronto and Vancouver showed larger totals of authorized building than in January, 1923, and also than in February, 1922. Montreal and Winnipeg, recorded declines in both cases. Quebec, Fort William, Ottawa, Brandon, Calgary, Point Grey and Victoria showed improvement in both cases.

### Reduced Ocean Rates on Forest Products

There have been made several references to the complaints of exporters to the United Kingdom that freight rates are excessive in view of the lower charges from competing European countries. The steamship lines refused to make any material concessions last year, but this season have agreed to a rate of 70s. per standard, a reduction of 15 shillings.

Some information on how rates are fixed was given by W. A. Cunningham, general traffic manager of the Canadian Government merchant marine during the course of the investigation by the special House Committee on agricultural conditions at Ottawa. Mr. Cunningham was questioned as to the various conferences and other bodies of steamship owners. In answer to Mr. McMaster he stated that Canadian rates on pulp, paper, lumber, asbestos, nickle, flour and wheat were decided without reference to New York.

Mr. McMaster asked Mr. Cummings to explain a lumber item "applicable pending further concurrences of southern conferences."

"As far as Canadian lumber is concerned, Canadian lines decide the rate and simply as a matter of courtesy notify New York. Gulf rates are sent to us from New York simply for guidance," said Mr. Cunningham.

The chairman read a letter dealing with rate changes on wood pulp, notifying the secretary of the North Atlantic U.K. conference of the "Canadian line committees' decision."

"Then, once you form a rate, opportunity is given to your friends to fall in line," Mr. McMaster said.

"As a matter of courtesy, yes," Mr. Cunningham replied. "The same as they do to us."

### Mill Work Cost Convention in Chicago

The ninth annual convention of the Millwork Cost Bureau will be held in the Congress Hotel, Chicago, April 18th and 19th when it is expected that a number of visitors from Canada will be in attendance. The programme will include discussions on subjects of national interest and will evolve some tangible results. Among the topics will be a uniform millwork contract for national adoption; how may the industry foster apprentice training; publicity for your industry and its products; advantage of an estimator's club; hardwood grades; a solution of the related shortcomings of architects and mill men, etc. There will also be an open forum at the conclusion of the scheduled addresses. On the evening of April 18th the Bureau will be the host of the delegates at an informal banquet, and an interesting programme is being prepared.

The Millwork Cost Bureau, of which W. P. Flint is secretary, and whose slogan is "Know Your Cost," says to be sure and be present. Don't let the other fellow work out all your problems by himself but manifest your co-operation by being at the meeting and taking an active part in the general discussions that will follow each address."

### How Much for This Car of Shingles?

After unloading a whole car of shingles without results, Provincial police officers were successful at Winnipeg when they seized a consignment of assorted liquors, valued at more than \$20,000, on a track in the yard of a local lumber company. There were 225 cases, including 50 cases of wines, Burgundy and champagne, in the car completely surrounded by lumber. It had been loaded at Vancouver and transhipped at Calgary.

### Mr. Taylor Urges Reforestation Plan

D. J. Taylor, M.P.P. for North Grey, laid before the Ontario Government recently a plan to establish a reforestation area of two thousand acres around Boat Lake, four miles west of Wiarton in Bruce County. He is advocating the purchase of the property and placing it under immediate government supervision and fire protection. Mr. Taylor said the land could be secured for \$67.00 an acre. It is already covered with trees, principally pine.

Mr. Taylor also suggested that the Government take over districts of similar areas in other parts of Ontario as part of a general scheme for the reforestation and conservation of the forests of the province. He impressed upon the administration the importance of reforestation in hardwood trees which, he claims are of even more importance than the softwood.

### Says Transportation Costs are Too High

Angus McLean, of Bathurst, N.B., president of the Canadian Lumbermen's Association, states that the prospects for business look brighter this season. He added that the lumber industry has a good deal to contend with in the lack of cars for shipping lumber and also on account of the excessive freight rates that the railways are charging for transporting, and concludes,—"And until we have a full supply of cars so that the business of the country can move promptly and also have lower rates of freight, we feel that the forest products business cannot be so prosperous."

### Another Eastern Pupil Captures Prize

Violet L. Murdock, a seventh grade pupil of Chatham rural school No. 10, and the daughter of Mr. and Mrs. Archibald Murdock, of Chatham township, Argenteuil county, Que., was awarded the second of three prizes offered to English pupils of the province of Quebec by the Canadian Forestry Association, for which the competitors were required to write an essay on forestry. Miss Murdock's prize was \$15. Three prizes of twenty-five, fifteen and ten dollars respectively were offered to pupils in each of the nine provinces, with an additional set of prizes for Quebec in order that English and French pupils might participate separately. Thus \$500 were distributed by the association in this manner throughout the Dominion.

### The Value of a New Idea

Next to character, a new idea is the most valuable thing in the world. A new idea is something that anyone, rich or poor, young or old, can get. Every progressive employer will cheerfully pay for a new idea. The best way to get an increase in salary is to bring your employer a new idea. New ideas are the only things that have made money for me; new ideas are what every one makes money with. I have yet to hear of a person who carried a good idea to his or her employer and did not get rewarded for it. All of us can cash in something on every worth-while idea.

—Roger W. Babson





Tea,  
Coffee,  
Figs,  
Prunes,  
Pickles,  
Raisins,  
Molasses,  
Sugar,  
Beans,  
Peas,  
Canned Goods.

## MR. LUMBERMAN

Take Advantage of Our Provisioning Service on Your Next Order of Supplies

For many years we have given special attention to the provisioning of camps and boarding houses and this experience serves our customers well. As Wholesale Grocers in a large way, we are able to quote prices which would not otherwise be possible. The absolute freshness of all provisions is also assured for stocks are never carried over from season to season as is sometimes the case.

The highest quality is maintained in all lines. Ask us for samples and quotations.

**H. P. ECKARDT & CO.**  
Church St. and Esplanade, Toronto

## Subscribers' Information Form

Many letters reach us from subscribers enquiring where a certain machine, a certain kind of lumber or veneer, or some other class of goods, can be obtained. We can usually supply the information. We want to be of service to our subscribers in this way, and we desire to encourage requests for such information. Make use of this form for the purpose.

"CANADA LUMBERMAN"

345 Adelaide Street West, Toronto

Date.....18

Please tell us where we can procure .....

.....

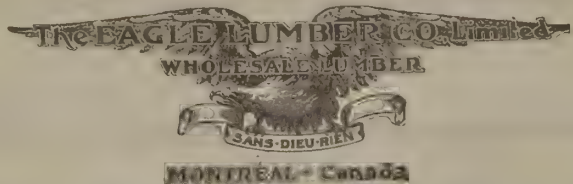
.....

.....

Name .....

Address .....





## SPRUCE, rough or dressed LATH AND SHINGLES

*We have facilities for kiln drying*

### THE EAGLE LUMBER CO. LIMITED

Head Office: 90 St. James Street, Montreal, Que.  
Mills at Mont Laurier, Que.; Hebert, Que.; Ste. Margarete, Que.;  
and Nottaway, Que. Dressing mill at St. Jerome, Que.

Northern Office:  
MIDLAND, ONT.

Southern Office:  
HATTISBURG, MISS.

## Herman H. Hettler Lumber Co.

2601 Elston Avenue, CHICAGO, ILL.

Manufacturers and Dealer

## White Pine, Red Pine and Yellow Pine Lumber and Lath

Excellent Planing Mill Facilities. Prompt Shipments

Crating

Cedar Shingles

## Everything in Spruce

FLOORING  
SIDING  
ROUGH DIMENSION  
LATH

## Campbell, MacLaurin Lumber Co.

Limited

MONTREAL  
Board of Trade  
Building

TORONTO: 320 Roncesvalles Ave.  
C. W. McCabe, Ont. Representative  
Phone Junc. 1598W

SOUTHERN  
AND  
NORTHERN

## HARDWOODS

Red Gum (plain or quartered)	Sap Gum	Oak (plain or quarter cut.)	Ash	Maple
Birch	Southern Elm	Cottonwood	Cypress	
Tupelo	Poplar	Walnut	Mahogany	

HIGH GRADES— When you think of lumber, think of us —SERVICE

*Now is the time to buy*

## Charles O. Maus Lumber Co.

George O. Thurn and Ray B. Maxson, Owners  
South Bend, Ind., U.S.A.

## EDGINGS

C. Blakeley, manager of the Montreal office of Cox, Long & Co., is again on deck after a serious attack of pneumonia.

Fisette & Dupre, Contrecoeur, Que., have started work on a new sawmill one storey, 60 x 40, to cost about \$8,000.

Ed. Irwin has removed to Pinewood, Rainy River district. He is a former resident of Peterboro and for a number of years owned a sawmill at Quibell, Kenora District.

H. L. Pease, secretary of the National Association of Box Manufacturers, Chicago, spent several days in Toronto recently on business.

Oxbow Lumber Co., Limited, Winnipeg, Man., was recently incorporated to conduct a wholesale and retail lumber business. Capital \$25,000.

Sarnia Lands, Limited, Sarnia, Ont., is a new corporation with provincial charter to deal in all kinds of building materials and to promote the building of homes. Capital \$100,000.

The Belgo Canadian Pulp & Paper Co., Limited, Shawinigan Falls, Que., have awarded a contract for an extension to their paper mill.

William Sheahan, general superintendent of the Powell River Pulp and Paper Co., Powell River, B. C., died recently at that place, of blood poisoning, aged 56.

Security Home Builders, Limited, Toronto, is a new enterprise with a capital of \$500,000 to deal in building materials and to promote and assist in the building of homes and other buildings.

Herbert Parker, aged 19, had his leg torn off below the knee at Haydens sawmill, Shewen Siding, Woodstock, N. B. The young man is expected to recover, but his leg was amputated above the knee.

The William Hamilton Co., Limited, of Peterboro, have supplied the equipment for the new cutting-up and barking plant of the Howard Smith Paper Mills at Gaspé, Que. The building has been completed and the machinery is now being installed.

Thomas McKain, an official of the E. B. Eddy and J. R. Booth mills at Ottawa, and a resident of the capital city for over sixty years died recently. Mr. McKain who was in his eighty-ninth year, came to Canada from Ireland at an early age.

D. H. McLennan, the president of the Montreal Lumber Association, was one of the guests at a dinner given by J. W. Ross, the president of the Montreal Board of Trade, to the executive and council of that body. Mr. McLennan represents the lumber trade on the council.

James C. McCuaig & Co., Limited, Ottawa, have recently received a federal charter to take over the businesses of James Cuyler McCuaig and James C. McCuaig & Co., and to manufacture and deal in lumber and pulpwood. Capital \$50,000. One of the incorporators is J. C. McCuaig of Ottawa.

Frank Blackmore, an employee in the sawmill of the North American Bent Chair Company, Owen Sound, narrowly escaped being sawn up when the machinery the jack ladder he was thawing out started up. The hooks caught his clothing and dragged him giving him a severe mauling besides crushing two fingers.

The friends of Alex. R. McLachlin, of Toronto, who is well known in lumber circles, will sympathize with him in the loss of his wife who died recently as the result of bronchitis. For many years Mrs. McLachlin resided in Arnprior, and in 1907 removed to Toronto. Besides her husband she is survived by one son and four daughters.

Wilbert Hooley, a well known Toronto manufacturer and founder of the Eureka Refrigerator Company died recently at his home in Swansea, a suburb of Toronto, in his 66th year. He retired about six years ago when his company sold out to Keenan Bros. of Owen Sound, Ont.

In the last issue of the "Canada Lumberman" it was stated that R. H. Spencer, of Trenton, Ont., who was recently elected Grand Z., at the annual convention of the Grand Chapter Royal Arch Masons, was identified with the Sheppard & Gill Lumber Co. This was an error arising through a similarity of names. The firm with which Mr. Spencer has been associated for many years is the Gill & Fortune Lumber Co., Trenton.

The Fraser Companies, of Edmundston, N. B., have made extensive additions to their sawmills at Campbellton and Newcastle, N. B., by the installation of slab slashers, lath mill machinery and 54-inch chippers. The William Hamilton Co., of Peterboro, are supply-



ing the complete equipment, including the necessary transmission and chain.

The contract for the dams on the Chicoutimi and Sable rivers at Kenogami, has been granted by the Quebec Cabinet to the Nova Scotia Construction Company, at a cost of \$985,682. This was the lowest tender. There was a difference of nearly \$500,000 between the successful tenderer's price and the next highest bidder. Work is to start at once.

Jerome C. Dietrich, president of the Shurley and Dietrich Company, Galt, Ont., is the oldest active saw manufacturer in Canada. Approaching his 85th birthday, he is daily to be found at his office taking an active interest in his business and in full possession of all his faculties. He has been identified with the saw business for 55 years and came to Galt in 1873, and has been in business in that city ever since.

A fire occurred at Connaught recently in the upper floor of the building occupied by the St. Maurice Lumber Co. as a storehouse and dwelling. It is believed the blaze originated from a defect in the chimney. The building and contents soon became a total loss. Frank Little and family were heavy losers as well as the St. Maurice Lumber Co. The flames extended to the company's office, a few feet away, and this structure was also destroyed but most of the contents were saved. The damage is estimated at \$20,000.

The Provincial Paper Mills, of Toronto, who recently put into operation a new plant at Port Arthur, intend starting up their new groundwood pulp mill in a few days. This department, which will turn out 15 tons daily, will supply all the necessary mechanical pulp for the paper mill. The Provincial Paper Co. are taking out about 40,000 cords of pulpwood in the vicinity of Port Arthur, and of this about 30,000 cords will be cut by the company.

Preliminary estimates of the building boom that is certain to develop in Haileybury, Ont., during the coming summer indicate that two schools, at least a dozen business places and not less than one hundred private dwellings will be erected in the town. In addition to this program, work will be commenced on the rebuilding of the court house, and it is probable a start may be made on the long promised district jail provision. For both of these public buildings having been made in the estimates submitted to the Legislature.

Extensive operations are to be commenced immediately by the Thielman Forest Products Company, of Chicago, in the Township of Pennefather near Goulaise Bay, Ont., in the logging of seventeen square miles of timber, mostly hardwood for the Ford factory at Lanse, Michigan, on Keeweenaw Bay, near Marquette, a distance from the woodland area of approximately 200 miles. They expect to log fifteen million feet of lumber a year. The company will employ between three hundred and four hundred men.

The advance guard of the "lumberjack army" invaded Port Arthur recently and rank among the first to leave the woods following the winter's cut of timber and pulpwood. A party of four men marched down Arthur street in the afternoon and made a bee-line, or rather a train-line, for the bank. So accustomed have they been for the last few months to following single file in bush trails they forgot they were back again in civilization and marched down the street, one following the other, just the same as if they were still "on the road."

The Canadian National Railways have issued a new tariff rate list on lumber and forest products, excluding mahogany, rosewood, walnut, cherry and other valuable woods, from stations on the C. N. R. —Argolis, Ont., Hearst, Ont. and east thereof to and including Quebec, Chicoutimi and St. Felicien, P. Q. to C. N. R. stations south of the St. Lawrence River, Diamond Junction, P. Q. and west thereof; also to stations on connecting lines specified. The tariff gives the new through rates and also specifies where reductions have been made. At the last meeting of the Montreal Wholesale Lumber Dealers' Association J. S. Bock, the chairman, referred to this list and suggested that it would be well to study it, in order that no overcharges were made by the company.

C. M. Knox, of Knox Bros., Limited, Montreal, recently bought on the north side of Burrard Inlet, Vancouver, a valuable site. The location is close to the north approach of the bridge which will likely be built at Second Narrows and will link up North Vancouver and the City of Vancouver direct by rail. It has been stated that it was the intention of Knox Bros. to build a large mill on the property but it is reported that no such plan will be carried out at present. Mr. Knox declares that he had acquired the site, believing that it would prove a good investment upon the construction of the bridge. The British Columbia Interprovincial Lumber Co., which is a subsidiary organization of Knox Bros., shipped last fall via the Panama Canal from Vancouver to Montreal more than 5,000,000 feet of lumber, and two large steamers have been engaged to carry about 9,000,000 feet from the Coast to Montreal during the present month.

## The C. Beck Manufacturing Company, Ltd.

PENETANG, ONTARIO

Manufacturers & Dealers of

## WHITE PINE—RED PINE HEMLOCK—LATH

Planing Mills in Connection—Our Dressing will  
Save You Freight

TORONTO OFFICE 10 PARLIAMENT STREET

F. H. Horning M 2170

## McNeil Lumber Co. Limited

416 St. James St., Montreal, Phone Main 996 & 1185

Manufacturers and Wholesalers  
Hard and Softwood Lumber and  
Railway Ties.

B.C. Fir and Cedar Shingles Specialists.

## FOR SALE

300 M ft.  $\frac{5}{8}$  x 3" and wider (chiefly 3")

100 M ft.  $\frac{5}{8}$  x 4" and wider (chiefly 4")

ROUGH - DRY - RANDOM

5th Quality and Better Spruce

GET OUR PRICE

WIGHTMAN LUMBER CO., Limited

263 St. James St. MONTREAL, CANADA.

## Saw Mill Exhausters

"By-Pass" Blower Systems are Indestructible

"By-Pass" exhausters will handle the green sawdust from your saw mill without clogging or trouble of any kind. Material does not pass through or around fan wheel. Fan is not overhung. Three bearings. No heating or shaking. The best and most economical system made today.

We manufacture and install systems complete

Write for information

Toronto Blower Company

156 Duke St., Toronto





Tractor and ten 20 foot sleds, total load 74 cords, ready to start on 7 mile haul.  
T. S. Woollings & Co. Ltd., Bourkes, Ont.

# THE LINN LOGGING TRACTOR

The above illustration is the first of a series which will appear in the Canada Lumberman—and will show Linn Logging Tractors in operation in various parts of Ontario and Quebec. Some of these photographs have been taken by the owners of these Linn Logging Tractors—some by us.

We gladly invite enquiries addressed to any Linn user as to the ability of the Linn Logging Tractor to create hauling economies so great that, had they contemplated the extent of these cost reductions, before experiencing them themselves—they would not have believed such drastic reductions possible—yet we know that next season the cost reductions in each case will be even greater.

We feel that we can do no better than to quote the slogan used for many years by a leading manufacturer of high grade motor cars and trucks—"ASK THE MAN WHO OWNS ONE."

—Logging Department—

## MUSSENS LIMITED

Dubrue Building

Philips Place

Montreal



# The Mark

Look for the Trade-Mark  
—it's put there for your  
protection!

NOT until every inch of it is declared perfect is the Oak Leaf trademark stamped on a D. K. McLaren Genuine Oak Tanned Leather Belt.

This trademark is the buyer's protection against substitution. It guarantees him 100% value for every dollar invested. It tells him that as long as the belt is in service transmission costs will be kept at rock-bottom.

Are you tired of buying belting blind-folded? Then let a D. K. McLaren salesman tell you of his GUARANTEED proposition. He will sell you a belt, not on the basis of what it *might* do, but what it *will* do.

## D. K. McLAREN LIMITED

Head Office & Factory: 351 St. James St. Montreal

### Branches

Toronto, Ont., 194 King St., West.

St. John, N.B. 90 Germain St.

### Stock Depot

Calgary, Alta. Gormans Ltd.

Edmonton, Alta. Gormans Ltd.

Vancouver, B.C. Gormans Ltd., 1158 Homer St.



*There's no substitute for real leather!*





## THE MARK OF DISTINCTION IN CIRCULAR SAWS



The first Circular Saws made in this Country were placed on the market by R. HOE & CO. in 1828, and GENUINE HOE SAWS have held the leadership in QUALITY, FINISH and SATISFACTORY SERVICE during the 94 years intervening to the present day.

For all purposes, and under all climatic conditions, the GENUINE HOE CHISEL-TOOTH and SOLID TOOTH CIRCULAR

SAWS have proven their superiority in every part of the World, and backed by a guarantee of absolute satisfaction no operator could do better than to use GENUINE HOE SAWS exclusively.



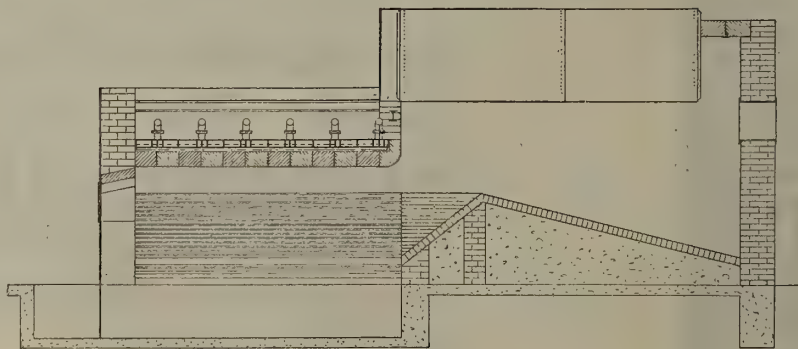
**R. HOE & CO., NEW YORK**

**AMERICA'S OLDEST SAW MANUFACTURERS**

# GATES FURNACE

## For Burning Sawdust and Hog Fuel

*Will burn tan bark, hog fuel  
and sawdust efficiently, with up  
to 60% moisture.*



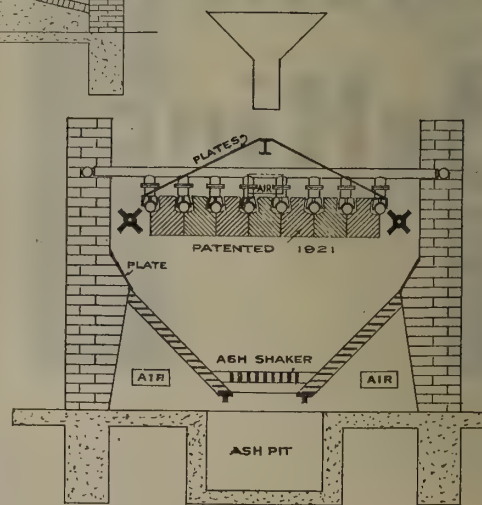
**Gates Air Cooled Sus-  
pended Arches**

**Boiler Door Arches and  
Jambs**

The Water or Air cooled Suspension Arch, suspended over a furnace built with incline grates, to prevent the coning of sawdust and refuse material, combined with the automatic feed and drying chamber suspended directly over arch, absorbing the heat from arch roof which removes the required percentage of moisture from the material to be burned. Note that fuel is partly dry before receiving air while passing over dry plate chamber at the lower edges, thence into combustion chamber space over the fuel bed. All ash is removed by stoking grate at the bottom of furnace. All fuel sliding down the incline grates comes in contact with a special draft action, owing to the horizontal air spacing, through the incline gates on either side, the draft currents arrive at a focus of combustion in the centre of the furnace, causing the gases and flame to meet and roll towards the edges of dry plates, thus increasing the drying capacity, and thoroughly drying tan bark or fuel which is being burnt.

The blocks in these arches are supported independently of the other, allowing any one brick to be removed and replaced without disturbing any other portion of arch.

We specialize in Boiler Settings and Furnace Brickwork and give the benefit of (30) thirty years' experience. Ready to go anywhere to build new Boiler Settings and overhaul and Reset old Boilers and build Furnaces.



**Gates Engineering Company Ltd., 314 Notre Dame St. W, Montreal**

**J. W. Gates, General Manager**

**Phone Main 662, Melrose 367**



# Pink's Lumbering Tools

The Standard Tools in every province of the Dominion, New Zealand, Australia, etc.  
We manufacture all kinds of lumber tools. Light and Durable.

Long Distance Phone, No. 87

Send for Catalogue and Price List.

Sold throughout the Dominion by all Wholesale and Retail Hardware Merchants.

## The Thomas Pink Company, Limited

*Manufacturers of Lumber Tools*

PEMBROKE

ONTARIO

It's a Pink any-  
way you take  
it and it's the  
best Peavey  
made.



MADE IN  
CANADA



*Not altogether what we say,  
but what users say*

"We have used the Alligator or Warping Tug manufactured by you for the last 7 or 8 years, and consider them indispensable to lumbermen on waters of French River or similar streams."

Will move a bag containing 60,000 logs,  
in calm weather, 30,000 in a head wind.

**West, Peachey & Sons** Simcoe, Ont.



## Gerlach Modern Machinery Produces Cheaper and Better

Tight and Slack Cooperage Stock for Barrels, Kegs and Tubs, ready to set up into non-leaking packages of 5 to 120 gallons liquid capacity, or for semi-liquid and dry materials up to 800 lbs. weight. We manufacture machinery for sawing, jointing, planing and crozing staves; for sawing, jointing, dowsing, planing and circling heading.

### MODERNIZE YOUR PLANT

Scrap Machinery invented before the Civil War and install a Gerlach Outfit that will make Tight Barrels that are tight, from any strong non-porous timber.

### BUILD

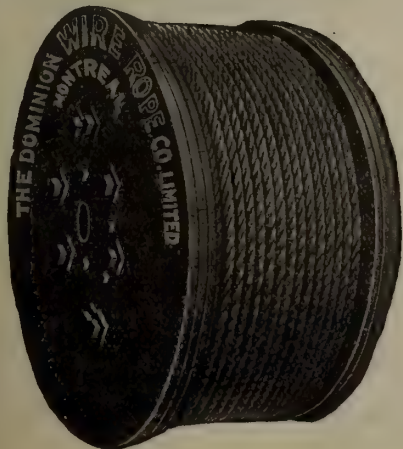
Barrels with perfect joints that will not leak; a product that is infinitely superior to the tin and iron near barrels now being experimented with. Wood is tasteless, stainless and rustless and being a poor conductor of heat or moisture, keeps its contents in their original condition.

CYLINDER SAWS RESTEELED

MODERN BOXBOARD MACHINERY

## The Peter Gerlach Co.

Columbus, Winter and Leonard Sts.  
CLEVELAND, OHIO



Wire Rope, Special Alligator Ropes, with  
proper Attachments. Saw Carriage Ropes.  
Haulage Ropes. Wire Rope Fittings.

IMMEDIATE SHIPMENT

## The Dominion Wire Rope Co.

LIMITED

Head Office: MONTREAL

Stocks also at: TORONTO, WINNIPEG



# ALPHABETICAL INDEX TO ADVERTISERS

Abrams Sons Ltd., John .....	25	D'Auteuil Lumber Co. ....	11	Hettler Lumber Co., Herman H. ....	66	Phillips, Thos. N. ....	16
Adams River Lumber Co. ....	25	Department of Lands (Ontario) .....		Hocken Lumber Co. Ltd. ....	4	Pink Co. Ltd., Thomas .....	71
American Engine & Boiler Works .....		Dominion Belting Co. ....	78	Hoe & Co., R. ....	70	Power Lumber Co. ....	17
Anderson Lumber Co., C. G. ....	12	Dominion Timber Products ....	32	Hotel Tuller .....		Rankin-Benedict Co. ....	
Anderson, Shreiner & Mawson ..	27	Dominion Wire Rope Co., Ltd. ..	71	Hunter Lumber Co. ....		Rat Portage Lumber Co. ....	14
Apex Lumber Co. ....	22	Dominion Truck Equipment Co. ..	35	Imrie Lumber Co., R. ....	24	Rideau Lumber Co. ....	21
Associated Mills Ltd. ....		Dudley, Arthur N. ....	28	International Land & Lumber Company .....	28	Reed & Co. Ltd., Geo. W. ....	76
Atlantic Lumber Co. ....	4	Eagle Lumber Co. ....	66	Johnson, A. H. ....	78	Robertson & Hackett Sawmills, Limited .....	31
Atkins & Co., E. C. ....	85	Eastman Lumber Co. ....	17	Julien, Roch .....	16	Rolland Lumber Co. ....	24
Austin & Nicholson Ltd. ....	17	Eaton & Sons, J. R. ....	31	Keewatin Lumber Co. ....	11	Rose-McLaurin Ltd. ....	14
		Eckardt & Co., H. P. ....	65	Kennedy & Sons, Wm. ....	81	Russell Harris Lumber Co. ....	11
Bartram, J. C. ....	33	Edwards & Co. Ltd., W. C. ....	30	Kent, James Robt. ....	19		
Bainbridge Lumber Co. Ltd. ....	31	Elk Fire Brick Co. ....	82	Kinnon Lumber Co. ....	24	Santerre & Pineau .....	34
Bathurst Company Ltd. ....		Elmira Machinery & Transmission Company .....		Knox Brothers .....	3	Savage & Bartlett .....	13
Beauchemin & Fils .....	21	Engineering & Machine Works ..		Laidlaw Bale Tie Co. ....	13	Schroeder Mills & Timber Co. ..	23
Beck Mfg. Co. Ltd., The C. ....	67	Excelsior Lumber Co. ....	63	Lamontagne Limited .....	77	Scott, Draper & Co. ....	20
Bell, Geo. W. ....	12			Langlois & Paradis .....		Sewell, Jas. W. ....	13
Bennett Lumber Co. Ltd. ....	31	Farnworth & Jardine .....	12	Larkin Co., C. A. ....	34	Shevlin-Clarke Co. ....	6
Bernard Industrial Co., The A. ..		Fassett Lumber Co. ....	18	Larkin Lumber Co. ....	17	Shimer Cutter Head .....	
Beveridge Supply Co. Ltd. ....	76	Fesserton Timber Co. ....	5	Leigh Lumber Co. ....	28	Shull Lumber & Shingle Co. ....	32
Big Bear Lumber Co. ....	28	Fleming & MacLeay .....	63	Linton Lumber Co. ....	33	Shurly Dietrich Co. ....	78
Black Rock Lumber Co. ....	21	Fly Terror Mfg. Co. ....		Loggie, W. S. ....	14	Shurly Co. Ltd., T. F. ....	1
Brady Machinery Co. ....	88	Foley Lumber Co. ....	13	Lloyd, W. Y. ....	13	Simonds Canada Saw Co. ....	36
British Columbia Lumber Commissioner .....	16	Fraser Bryson Lumber Co. Ltd. ....	24	London Concrete Machinery Co. ....	83	Smart Turner Machine Co. ....	1
Brennen & Sons, F. W. ....	11	Fraser Companies Ltd. ....	15	Long Bell Lumber Co. ....		Smart, Jas. ....	
Burchill & Sons, Geo. ....	28			Long Lumber Co. ....	33	Smith Foundry Co. ....	75
Burstall & Co. Ltd., J. ....		Gates Engineering Co. ....	70	Long Manufacturing Co., E. ....	86	Smith, N. ....	12
Bury & Co., Robert .....	23	Gartshore, John J. ....	63	Lumbermen's Indemnity Exchange .....		Spanish River Lumber Co. ....	7
		General Supply Co. of Canada, Ltd. ....	74	McCormack Lumber Co. ....	28	Stack Lumber Co. ....	14
Cameron Lumber Co. ....	25	Gerlach Co., Peter .....	71	McClung, McLellan & Berry ..	21	Stalker, Douglas A. ....	19
Campbell, MacLaurin Lumber Company .....	66	Gidley Boat Co. Ltd. ....	1	McCuag & Co., Jas. C. ....	24	Staples Lumber Co., Otis .....	63
Canada Foundries & Forgings ..		Gillespie, Jas. ....	13	McDonagh Lumber Co. ....	16	St. Mary's Wood Specialty Co. ..	12
Canadian General Lumber Co., Ltd. ....	13	Gillies Bros., Ltd. ....	20	McElroy Lumber Co. ....		Story Lumber Co. ....	31
Canadian Link-Belt Co. ....		Goodhue & Co. Ltd., J. L. ....	105	McFadden Ltd., J. J. ....	27	Summers, James R. ....	12
Canadian Western Lumber Co. Ltd. ....	26	Goodday & Co., H. R. ....	18	McLennan Lumber Co. ....	17	Swift Canadian Co. ....	77
Canada Wire & Iron Goods ....	63	Gordon & Co. Ltd., Geo. ....	7	McLaren, Limited, D. K. ....	69	Sylvester Mfg. Co. Ltd. ....	72
Canfield-Wilmot, Ltd. ....	14	Grant-Holden-Graham Ltd. ....		MacLean Building Reports .....			
Cant & Kemp .....	12	Gloucester Lumber & Trading ..		McNeil Lumber Co. ....	67	Terry-Nicholson-Cates Ltd. ....	9
Canadian Holt Co. ....	81	Gordon Lumber Co., A. E. ....	8	Main Belting Co. of Canada ....	83	Thompson & Heyland Co. ....	20
Canadian Milk Products .....		Gravel Lumber Co. Ltd. ....	33	Manufacturers' Lumber Co. ....	10	Thurston-Flavelle Ltd. ....	22
Canadian Tie & Lumber Co. ....	27	Gregertson Brothers Co. ....	24	Mason & Co., G. ....	11	Timberland Lumber Co. ....	25
Chaleurs Bay Mills .....	5	Green Co., G. Walter .....	76	Mason, Gordon & Co. ....	30	Timms, Phillips & Co. ....	32
Chesbro, R. G. ....	34	Grier & Sons, G. A. ....		Maus, Chas. O. ....	19-66	Toronto Blower Co. ....	67
Clark Bros. Co. ....	36	Greig-Morris Co. ....	20	Mershon, Wm. B. ....	83	Tudhope Anderson Co. Ltd. ....	1
Clark & Son, Edward .....	6	Greening Wire Co., B. ....		Miller Co., W. H. ....	20	Turner & Sons, J. J. ....	76
Cleveland-Sarnia Sawmills Co. ..	61	Gutta Percha & Rubber Ltd. ....	74	Montreal Locomotive Works ..	82		
Climax Manufacturing Co. ....	63	Hall Bros. ....	22	Montreal Lumber Co. ....	12	U. G. G. Sawmills Ltd. ....	
Coburn Lumber Co. ....		Hamilton Co., Ltd., Wm. ....	2	Muir & Kirkpatrick .....	30	Underhill Lumber Co. ....	32
Coleman Lamp Co. ....		Hansen, A. K. ....	21	Murphy Lumber Co., Wm. J. ....	31		
Coltart & Co., Robt. ....	12	Hardy & Co., E. D. ....	1	Mussens, Limited .....	68	Vancouver Lumber Co. Ltd. ..	29-32
Crane, Limited .....	75	Harris Tie & Lumber Co. ....	18	Neville Cooper Co. ....	83	Victoria Harbor Lumber Co. Ltd. ....	18
Dadson, A. T. ....	11	Harris Lumber Co., Frank H. ....	35	Nevison & Brooks .....	10		
Davies Co., Wm. ....	79	Heaps & Sons Ltd. ....	19	New Ontario Colonization Co. ..	10	Waterous Engine Works Co., Limited .....	87
				Northern Pacific Logging Co. ..	32	Watson & Todd .....	10
				Oliver Lumber Co. ....	34	Westminster Mill Co. ....	32
				Otis Staples Lumber Co. Ltd. ..	63	West Peachey & Sons .....	71
				Parry Sound Lumber Co. ....	10	Wightman Lumber Co. ....	67
				Payette Co., P. ....	73	Williams, D. ....	
				Pedwell Hardwood Lumber Co. ....	16	Wilson Bros. ....	20
				Petrie Ltd., H. W. ....	1	Wistar, Underhill & Nixon ....	16
						Woods Mfg. Co. Ltd. ....	79
						Yates Machine Co., P. B. ....	
						York Belting Co. ....	12

## Sylvester Hand Car Engines Will Change Your Hand Cars into Motor Cars



A Logging Camp is not complete without one or more. Backed by years of successful Railway Service.

**JUST THE THING FOR TRANSPORTING MEN AND DOING LIGHT HAULING**  
The old hand car is slow, expensive to operate and entirely out of date. Sylvester equipped cars will pay for themselves in a short time. Use them to transport your men and do your light hauling. You will be surprised at the amount of work they will do.

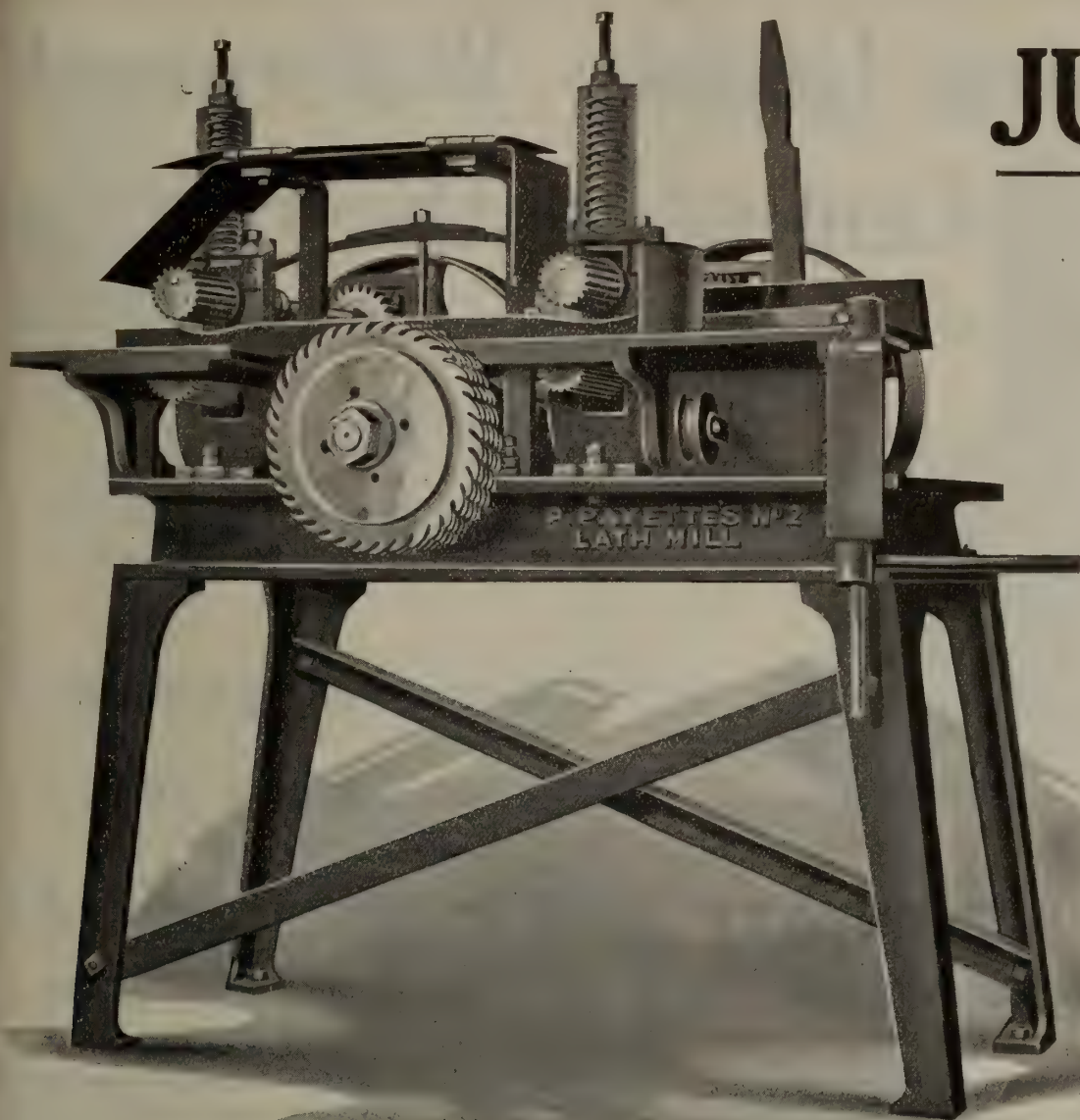
### WE MANUFACTURE

Hand Car Engines. Motor Cars built for Engine Drive.  
Section Hand Cars. Push Cars or Trailers.  
Gasoline and Oil Pumping Engines.

Write for our Prices and Catalogue.

**Sylvester Manufacturing Company, Limited**  
LINDSAY ONTARIO





# JUST OUT!

## Payette's "Thoro-bred"

### LATEST IMPROVED NO. 2 LATH MILL

Will cut any quantity of laths, depending upon the amount of stock you are able to supply it with.

**P. Payette & Co.**

J. T. PAYETTE, Proprietor

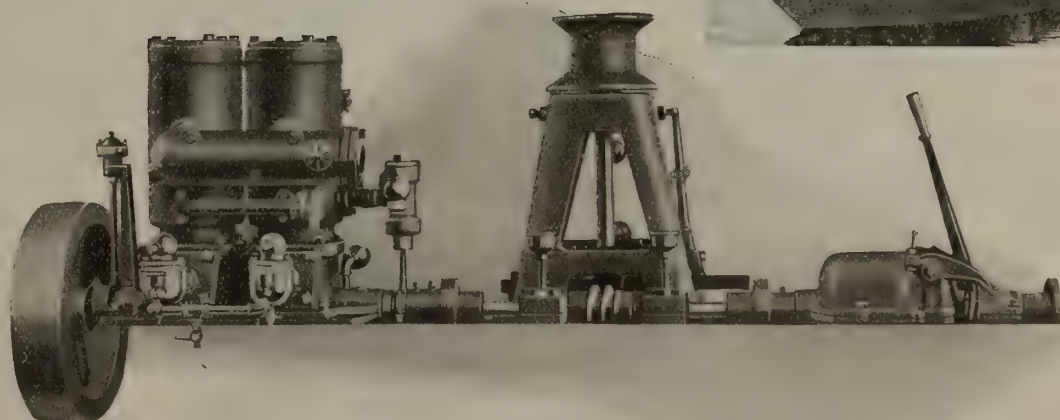
PENETANG - ONTARIO

# Adams Gasoline Alligator Pointers

A big saving in time and money can be effected by the use of an Adams Pointer in your logging.

This powerful and efficient gasoline boat is built to give the service under heaviest working conditions and is proving its superiority over the large and more awkward craft and makes it the successful rival of alligators and tugs.

*Send for data and prices*



Above cut shows machinery that is installed in a 26'-6" x 6' Special Lumberman's Pointer

**Adams Engine Co., Penetang, Ont.**  
J. T. PAYETTE, Proprietor



# Beardmore Extra Quality Waterproof Cement Leather Belting



*For the Wet  
Place*

Tell us your belting troubles  
and we can help you

**The General Supply Company of Canada, Limited**

OTTAWA MONTREAL TORONTO NORTH BAY MONCTON WINNIPEG VANCOUVER

*Large stocks available for immediate shipment*



## Rubber Goods FOR LUMBERMEN

**Belting** Our long experience in the making of Rubber Belts enables us to specialize on this line. "P. M. S.," "Special Drive" and "Lion" are our leading brands for power transmission.

**Packings** "Redstone" High Pressure Sheet Packing has proved by test that it will outlast any other similar packing on the market. We make Spiral and Ring Packings, etc., that are equally reliable.

**Hose** for Steam, Water, etc., in various grades, made especially to give satisfactory and economical service under different conditions.

**Fire Hose** One or more of our twenty brands of Fire Hose will be found, not only in the best equipped Factories, Mills, etc., but in almost every Fire Department in the Dominion.

**Rubber Footwear** We make a complete line of Lumbermen's boots. For over 25 years, our Maltese Cross Brand has been the leading line in Canada. Make sure you get this old dependable brand.

**Gutta Percha & Rubber Limited**

TORONTO HALIFAX MONTREAL OTTAWA HAMILTON LONDON FORT WILLIAM WINNIPEG REGINA  
SASKATOON EDMONTON CALGARY LETHBRIDGE VANCOUVER VICTORIA





# CRANE

Cast Iron — Cast Steel — Brass — Ferrosteel

## Flanged Fittings



for low pressure, standard, extra heavy, hydraulic, superheated steam and extreme hydraulic pressures, ranging in size from 1-inch to sixty-inch, and for working pressures from 50 to 3,000 pounds.

*Manufacturers of Valves, Fittings and Piping Equipment and  
Distributors of Pipe, Plumbing and Heating Supplies.*

Branches and Warehouses:  
HALIFAX, OTTAWA, TORONTO,  
HAMILTON, LONDON, WINNIPEG,  
REGINA, CALGARY, VANCOUVER.

Sales Offices:  
ST. JOHN, N.B., QUEBEC, SHERBROOKE  
EDMONTON, VICTORIA,  
SYDNEY, AUSTRALIA.

## CRANE LIMITED

General Office & Exhibit Rooms  
386 BEAVER HALL SQUARE  
MONTREAL

Works  
1280 ST. PATRICK ST.  
MONTREAL

## CRANE-BENNETT LIMITED

Head Office and Warehouse:  
LONDON, ENGLAND.

Sales Offices:  
BIRMINGHAM, CARDIFF,  
GLASGOW, LEEDS, MANCHESTER.

# HORIZONTAL SAW GRINDER

## The "BATT"

The Latest and Best  
Grinder  
for Circular Saws

The very latest horizontal grinder, built to grind properly any kind of ordinary saw, such as:

Shingle Saw on collar Cut-off saw.  
Lath Saw Rotary Saw  
Edger Saw on collar All kinds of factory saws

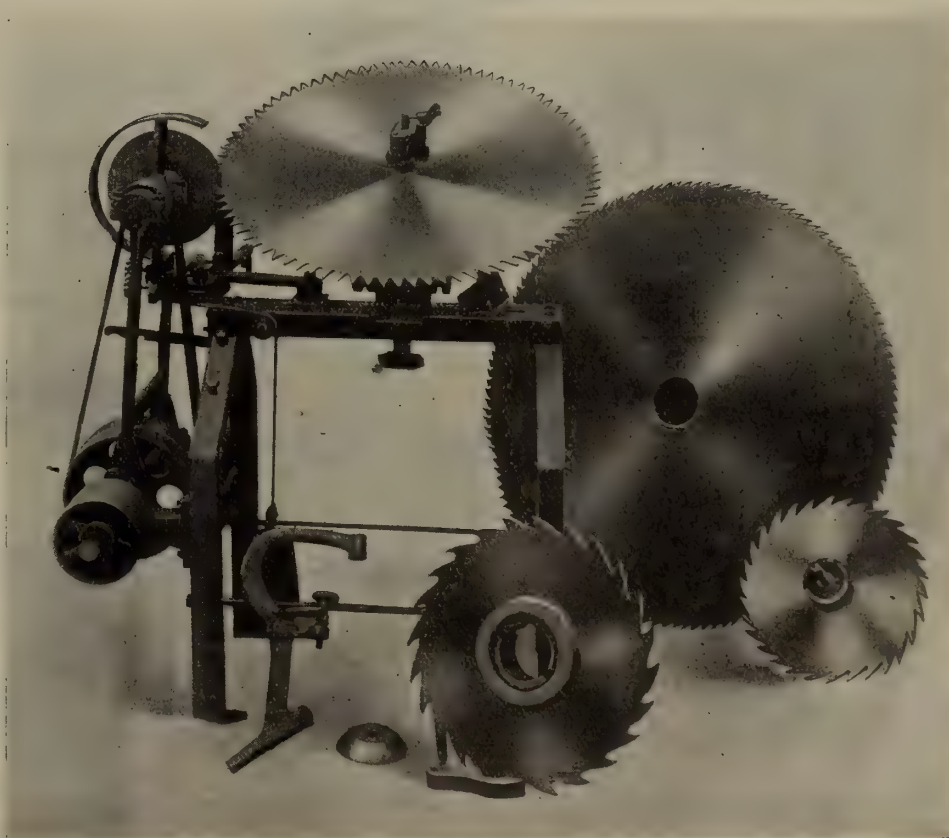
The construction permits of a wide range of bevel, and a semi-automatic attachment makes all teeth the same.

The pulleys supplied allow two speeds on Emery Wheel with a variation of about 300 R.P.M.

Floor space, 3 ft. x 4 ft.

Weight, 350 lbs.

**The Smith Foundry Co., Ltd.**  
Fredericton, N.B.







## Safeguard Your Mill

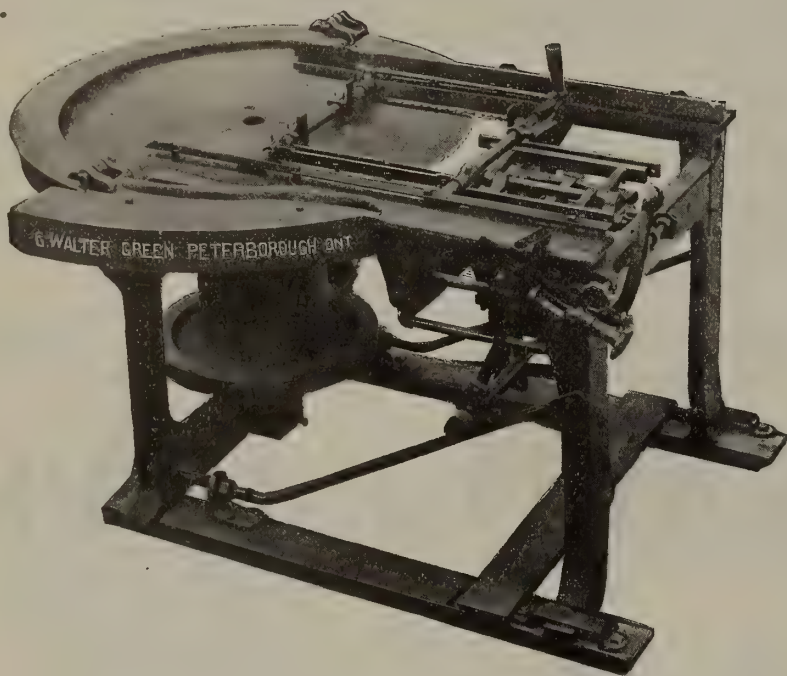
The surest way to safeguard your mill against fires caused by flying sparks is to muzzle your smoke stack with a

### Thompson Spark Extinguisher

Mill owners throughout the country are realizing this more and more every day. The THOMSON SPARK EXTINGUISHER is specially designed so that the draft is not checked. It is absolutely warranted to stop all dangerous sparks. Tell us the height and diameter of your smoke stack and we will quote you on a suitably sized "Thompson."

**GEO. W. REED & CO., LIMITED Montreal**

## Shingle, Box-board and Heading Machine



THIS machine carries a 40" saw and is of the most modern type in every respect. Write for printed matter and prices.

We have for sale a complete Shingle Mill Outfit and one Saw Gummer, all manufactured by the William Hamilton Co.

*Snap for quick sale*

## The G. Walter Green Co., Limited

Peterborough — Ontario

### When in the Market for—

TENTS, TARPAULINS, FEED BAGS, STRAW  
TICKS, GREY BLANKETS or PADDLES—

*Ask for Quotations from*

**J. J. Turner & Sons, Ltd.**

Manufacturers

PETERBOROUGH, — — — — — ONT.



### SPRING REPAIRS

Overhaul and repair your buildings for the Spring start.  
ROOFINGS—Rubber, Plastic and Liquid. Also  
Sheathings, etc.

SOLIGNUM—Wood Preservative and Stain.

ROCKFACE—White Water Paint.

AMBEST—Metallic Packing.

PLIBRICO—Jointless Firebrick, for your furnaces.

**BEVERIDGE SUPPLY COMPANY LIMITED**

628-630 St. Paul St. West, MONTREAL, P. Q.



## For The Camp

**Silver Leaf Brand Pure Lard  
Jewel Brand Shortening  
Barreled Beef and Pork  
Fresh and Frozen Meats  
Cooked and Smoked Meats  
Sausage, Soap, Canned Goods**

## The Finest Chefs Will Fail Unless

You pay your chef high wages. You realize that on him depends much of the efficiency of your men, for good grub means a great deal to a camp. That is good business.

But the finest chef in the land will fail if you handicap him with poor supplies. It pays well to give him Swift's.

Swift's products are the result of many years' experience in catering to lumber camps. Jewel Brand Shortening makes fine pastry certain. Our fresh and frozen meats are selected from the best the country offers. And all supplies are kept up to the highest standard. They reach you in perfect condition in our own refrigerator cars—on time. These are the reasons camp operators in increasing numbers are turning to Swift's.

**Swift Canadian Co.**  
Limited

**PLANTS:—**Toronto, Winnipeg, Edmonton, New Westminster

**BRANCHES:—** Ottawa, Montreal, Hamilton, St. Catharines, Fort William

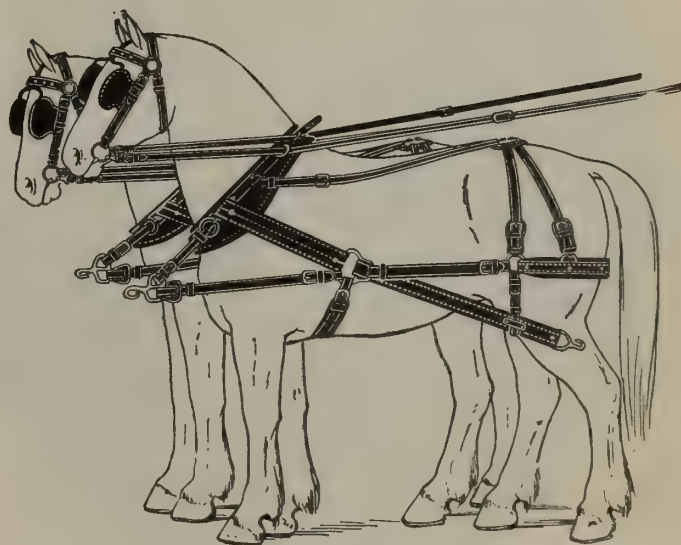
## What about your Harness Requirements?

When you think of HARNESS  
think of LAMONTAGNE LIMITED.



**Alligator Brand Harness**

The only harness that will stand up to  
the exacting demands of the lumber-  
ing industry.



**HORSE BLANKETS FOR THE LUMBER TRADE A SPECIALTY.**

*Lamontagne Limited.*

52 Crown Street,  
QUEBEC.

110 Princess Street,  
WINNIPEG

Headquarters: 338 Notre Dame St. W., MONTREAL



## JOHNSON'S Veterinary Remedies

are the surest, the most economical and the best medicines with which to equip your stables. They have been on the market for thirty years and still retain their superiority over all others.

The quality never varies, it is our first consideration. Prices in effect at the present time are as follows:

Johnson's Horse Liniment No. 1	Per Gal.	\$7.00
Johnson's Horse Liniment No. 1	Quarts, Per Doz.	18.00
Johnson's Horse Liniment No. 1	Pints, Per Doz.	10.00
Johnson's Horse Colic Remedy	Per Gal.	12.50
Johnson's Horse Colic Remedy	Quarts (8 Doses each) Doz.	30.00
Johnson's Horse Colic Remedy	Pints (4 Doses each) Doz.	15.00
Johnson's Veterinary Healing Ointment (Gall Cure)		
2 lb Tins	each 2.25 Doz.	24.00
¼ lb. Tins	Per Doz.	4.00
Johnson's Concentrated Condition Powders, 1 lb. Pkgs.	Doz.	6.50
Johnson's Condition Powder, No. 2	Doz.	3.00
Johnson's Horse Worm Powders	Pkgs. Per Doz.	8.00
Johnson's Purging Balls	Per Doz.	4.00
Johnson's Cough & Heave Powders	Per Doz.	4.50
Johnson's Antiseptic Dusting Powder		
(For Drying and Healing Sores, Proud Flesh, etc.)	Per Doz.	8.00
"Kreoline," antiseptic, deodorizing	Per Gal. Tin	1.90

Our Family and Van Remedies are as follows:—

Pine and Tar Cough Syrup	Big 4 Liniment—Mosquito Oil
Purgative Pills	X Ray Liniment
Little Liver Pills	Cholerine Mixture (Diarrhoea)
Porous Plasters	Headache Powders
Stomach Bitters	Sarsaparilla
Laxative Cold Tablets	All Healing White Ointment

All Drugs and Patent Medicines at Market Prices.  
Mail orders solicited — Prompt shipments made.

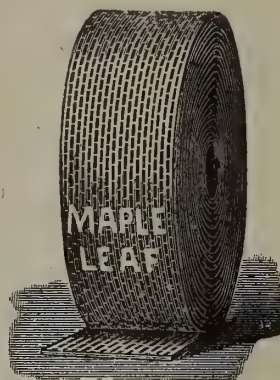
**A. H. JOHNSON** WHOLESALE DRUGGIST  
Collingwood, Ontario

*Sole Manufacturers of the Celebrated*

## "MAPLE LEAF" BRAND Stitched Cotton Duck Belting

**Strong Durable Economical True Running**

*Specially adapted for use in Lumber Mills*



We have a good stock of well seasoned belting on hand, and would be pleased to receive your orders. Ask your Superintendent what he requires. The best is the cheapest.

## MAPLE LEAF BELT DRESSING

The Best for all Kinds of Belts

WRITE FOR SAMPLES AND PRICES

Quebec Branch: 51 Duluth Building, MONTREAL

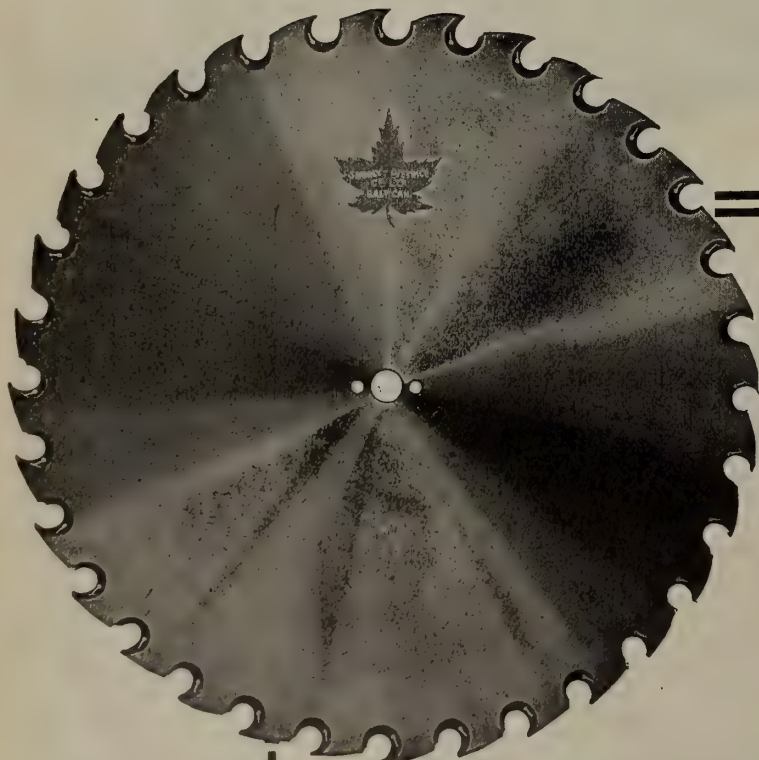
**DOMINION BELTING CO.**

LIMITED

HAMILTON

ONTARIO

CANADA



## Maple Leaf SAWS

The extra-refined Razor Steel, of which Maple Leaf Saws are made, is tempered by our own secret process. A keener edge is thus attained and the life of the saw greatly lengthened. Maple Leaf Saws will increase the output of your men.

**Shurley-Dietrich Co. Ltd., Galt, Can.**

Branch at Vancouver

Agencies throughout the world



# DAVIES

## Barrelled Pork

**Camp Beef**  
High Grade  
Fresh or Frozen  
Beef

You will find our Barrelled Pork of the highest quality and suitably packed for camp use. We offer you a service second to none, and are in a position to make prompt deliveries of Mess Pork, Short Cut Backs and Pickled Rolls. Why not make use of the Davies service and quality goods?

**Quality Meats**  
Smoked Meats  
Long Clear  
Camp Sausage

*Be sure to get our prices on bulk Pickles  
before ordering elsewhere*

**THE WILLIAM DAVIES COMPANY LIMITED**

Head Office TORONTO

Branches at:— MONTREAL - SYDNEY - HAMILTON

# Tents and Tarpaulins



Every style and make possible to manufacture.  
"Galbaduk" makes the most lasting and serviceable tarpaulins, wagon covers and horse covers known.



*Write for samples of materials and prices*

**Woods Manufacturing Company Limited,** OTTAWA TORONTO  
MONTREAL WINNIPEG



# CANADA LUMBERMAN BUYERS' DIRECTORY

The following regulations apply to all advertisers:—Eighth page, every issue, three headings; quarter page, six headings; half page, twelve headings; full page, twenty-four headings

## ALLIGATORS

Payette Company, P.  
West, Peachy & Sons

## BABBITT METAL

General Supply Co., of Canada, Ltd.

## BALE TIES

Laidlaw Bale Tie Company

## BAND MILLS

Hamilton Company, William  
Waterous Engine Works Company  
Yates Machine Company, P. B.

## BAND SAW BLADES

Simonds Mfg., Co.

## BAND RESAWS

Mershon & Company, W. B.  
Yates Machine Co., P.B.

## BARKERS

Bertrand, F. X., La Compagnie  
Manufacturiere.  
Horton Steel Works  
Smith Foundry & Machine Co.

## BEARING METAL

Beveridge Supply Co., Ltd.

## BEDSTEADS (STEEL)

Simmons Limited

## BELT DRESSING

Dominion Belting Co.  
General Supply of Canada, Ltd.  
McLaren, D. K. Ltd.

## BELT FASTENERS

McLaren, D. K. Ltd.

## BELTING

Canadian Consolidated Rubber Co.  
Dominion Belting Co.  
General Supply Company  
Goodhue & Co., J. L.  
Gutta Percha & Rubber Company  
D. K. McLaren, Limited  
York Belting Co.

## BLOWERS

Reed & Co., Geo. W.  
Sturtevant, B. F. & Co.  
Toronto Blower Company

## BOILERS

Engineering & Machine Works of  
Canada  
Hamilton Company, William  
Waterous Engine Works Company

## BOILER PRESERVATIVE

Beveridge Supply Company

## BOX MACHINERY

Yates Machine Company, P. B.

## CABLE CONVEYORS

Engineering & Machine Works of  
Canada.  
Hamilton Company, William  
Waterous Engine Works Company

## CAMP SUPPLIES

Davies, The Wm. Co., Ltd.  
Dominion Molasses Co., Ltd.  
Dr. Bell Veterinary Wonder Co.  
Howland, H. S. Sons & Co.  
Johnson, A. H.  
Swift Canadian Co., Ltd.  
Turner & Sons, J. J.  
Woods Manufacturing Co., Ltd.

## CANT HOOKS

General Supply Co., of Canada, Ltd.  
Pink & Company, Thomas

## CARS

Mussens, Ltd.

## CEDAR

Adams River Lumber Co.  
Bury & Co., Robt.  
Cameron Lumber Co.  
Canadian Western Lumber Co.  
Chesbro, R. G.  
Fesserton Timber Company  
McElroy Lumber Co., Ltd.  
Muir & Kirkpatrick  
Rose, McLaurin, Limited  
Terry-Nicholson-Cates Ltd.  
Thurston-Flavelle Lumber Co.  
Vancouver Lumber Company.  
Victoria Lumber & Mfg. Co.

## CHAINS

Canadian Link-Belt Company, Ltd.  
General Supply Co., of Canada, Ltd.  
Engineering & Machine Works of  
Canada  
Hamilton Company, William  
Pink & Company, Thomas  
Waterous Engine Works Company

## CLOTHING

Grant-Holden-Graham  
Woods Mfg. Company

## CONCRETE MIXERS

Mussens, Ltd.

## CONVEYOR MACHINERY

Canadian Link-Belt Company, Ltd.  
General Supply Co., of Canada, Ltd.  
Hamilton Company, William  
Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.  
Waterous Engine Works Company

## CORDWOOD

McClung, McLellan & Berry

## COUPLING (Shaft)

Engineering & Machine Works of  
Canada

## CRANES

Hopkins & Co., Ltd., F. H.  
International Land & Lumber Co.  
Canadian Link-Belt Company, Ltd.

## CUTTER HEADS

Shimer Cutter Head Company  
Yates Machine Co., P.B.

## CYPRESS

Maus Lumber Co., Chas. O.  
Wistar, Underhill & Nixon

## DERRICKS AND DERRICK FITTINGS

Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.

## DOORS

Canadian Western Lumber Co.  
Mason, Gordon & Co.  
Terry-Nicholson-Cates Ltd.

## DOORS, FIREPROOF

Mussens, Ltd.

## DRAG SAWS

Gerlach Company, Peter  
Hamilton Company, William

## DRY KILNS

Sturtevant, B. F. & Co.  
DUST COLLECTORS  
Reed & Co., Geo. W.  
Toronto Blower Company

## EDGERS

Hamilton Company, Ltd., William  
Green Company, G. Walter  
Long Mfg. Company, E.  
Payette Company, P.  
Waterous Engine Works Company  
Yates Machine Co., P.B.

## ELEVATING AND CONVEYING MACHINERY

Canadian Link-Belt Company, Ltd.  
Engineering & Machine Works of  
Canada

Hamilton Company, William  
Mussens, Ltd.  
Waterous Engine Works Company

## ENGINES

Engineering & Machine Works of  
Canada  
Hamilton Company, William  
Payette Company, P.  
Sylvester Manufacturing Co.  
Waterous Engine Works Company

## EXCELSIOR MACHINERY

Elmira Machinery & Transmission  
Company

## EXHAUST FANS

Sturtevant, B. F. & Co.  
Toronto Blower Company

## EXHAUST SYSTEMS

Reed & Co., Geo. W.  
Toronto Blower Company

## FURNACES

Gates Engineering Co.

## FIBRE BOARD

Manley Chew

## FILES

Disston & Sons, Henry  
Simonds Canada Saw Company

## FIR

Adams River Lumber Co.  
Apex Lumber Co.  
Associated Mills, Limited  
Bainbridge Lumber Company  
Cameron Lumber Co.  
Canadian Western Lumber Co.  
Canfield-Wilmot, Ltd.  
Chesbro, R. G.  
Fesserton Timber Co.  
Grier & Sons, Ltd., G. A.  
Knox Brothers  
Mason, Gordon & Co.  
McElroy Lumber Co., Ltd.  
Robertson & Hackett Sawmills  
Rose, McLaurin, Limited  
Terry-Nicholson-Cates Ltd.  
Timberland Lumber Company  
Timms, Phillips & Co.  
Underhill Lumber Co.  
Vancouver Lumber Company  
Vanderhoof Lumber Company  
Victoria Lumber & Mfg. Company

## FIRE BRICK

Beveridge Supply Co., Limited  
Elk Fire Brick Company of Canada

## FIRE FIGHTING APPARATUS

Waterous Engine Works Company

## FITTINGS

Crane Limited

## FLOORING

Cameron Lumber Co.  
Canfield-Wilmot, Ltd.  
Chesbro, R. G.  
Long-Bell Lumber Company  
Terry-Nicholson-Cates, Ltd.

## GEARS (Cut)

Smart-Turner Machine Company

## GUARDS (Machinery and Window)

Canada Wire & Iron Goods Co.

## HARDWOODS

Anderson Lumber Company, C. G.  
Anderson, Shreiner & Mawson  
Atlantic Lumber Company  
Black Rock Lumber Co.  
Bury & Co., Robt.  
Cameron & Company  
Clark, Edward & Sons  
Edwards & Co., W. C.  
Fassett Lumber Company, Limited  
Fesserton Timber Co.  
Gillespie, James  
Gloucester Lumber & Trading Co.  
Grier & Sons, Ltd., G. A.  
Hart, Hamilton & Jackson  
Kinnon Lumber Co.  
Long-Bell Lumber Co.  
Knox Brothers  
Mason & Company, Geo.  
Maus Lumber Co., Chas. O.  
McDonagh Lumber Company  
McLennan Lumber Company  
McNeil Lumber Co.  
McLung, McLellan & Berry  
Murphy Lumber Co., Wm. J.  
Pedwell Hardwood Lumber Co.  
W. & J. Sharples  
Spencer, Limited, C. A.  
Summers, James R.

## HARDWOOD FLOORING

Grier & Sons, Ltd., G. A.

## HARNESS

Lamontague, Ltd.

## HEMLOCK

Anderson Lumber Company, C. G.  
Anderson, Shreiner & Mawson  
Bartram & Ball  
Beck, C. Mfg. Co.  
Big Bear Lumber Co.  
Bourgouin, H.  
Canadian General Lumber Company  
Edwards & Co., W. C.  
Fesserton Timber Co.  
Grier & Sons, Ltd., G. A.  
Hocken Lumber Company  
Mason, Gordon & Company  
McCormack Lumber Company  
McDonagh Lumber Company  
McElroy Lumber Co., Ltd.  
Robertson & Hackett Sawmills  
Spencer, Limited, C. A.  
Stalker, Douglas A.  
Sutherland Lumber Co., A. A.  
Terry-Nicholson-Cates Ltd.  
Vancouver Lumber Company  
Vanderhoof Lumber Company

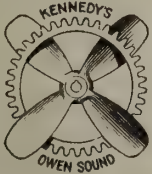
## HOISTING AND HAULING ENGINES

General Supply Co., of Canada, Ltd.

(Continued on page 124)



# KENNEDY CASTINGS



Sound, clean, reliable castings  
in Malleable Iron, Grey Iron,  
Steel, Aluminum, Brass and  
Bronze.

Hydraulic Turbines, Stop-log  
and Headgate Winches,  
Gears, Propeller Wheels, etc.

**The Wm. Kennedy & Sons**  
OWEN SOUND ONTARIO LIMITED

District Representatives

M. B. SAUNDERS,  
8 Silver Street, Cobalt  
Phone Cobalt 158

H. C. KENNEDY,  
232 St. James St., Montreal.  
Phone Main 394

Maritime Representative:

C. A. Fowler, Tramway Building, Halifax, N.S.



## Log with "Caterpillars"

In swamping out roads, toting supplies, skidding logs, or making up and hauling trains, the Northern "Caterpillar"\* Logger does all the things a machine must do to be a real success in logging work, winter or summer. Its flexible tracks enable it to climb over obstructions, cross ditches, and operate continuously both on and off the road. It is easy to control, turns in its own length and provides correct speeds for every operation. Where heavy snowfalls bury the roads and camps, the Northern "Caterpillar"\* Logger quickly plows through the drifts and gets traffic moving. The Abitibi Power & Paper Co. at Iroquois Falls, Ont., is logging the "Caterpillar"\* way. Let us give you the facts on their operations.

\*There is but one "Caterpillar"—Holt builds it

We maintain complete service stocks

**CANADIAN HOLT COMPANY, Limited**

1109 St. Catherine St., W., Montreal, P.Q.

Telephone Uptown 1504

*Branches and Service Stations all Over the World*

**CATERPILLAR  
H O L T**

## Special Notice

We have purchased all the

# A X E S

of the

**National Farming Machinery Co., Ltd.**  
of Montmagny, Que.

Can quote very low prices

*Write us for lists and catalogues*

**Floyd-Esbin Co., Limited**  
611 Canada Cement Building - Montreal



Hopkins & Co., Ltd., F. H.  
London Concrete Machinery Co.  
Mussens, Ltd.

**HOSE**

General Supply Co., of Canada, Ltd.  
Gutta Percha & Rubber Company  
Mussens, Ltd.

**INSURANCE**

Hardy & Company, E. D.  
Lumberman's Indemnity Exchange  
Rankin Benedict Underwriting Co.

**INTERIOR FINISH**

Cameron Lumber Company  
Canadian Western Lumber Co.  
Canfield, P. L.  
Eagle Lumber Company  
Mason, Gordon & Co.  
Rose, McLaurin, Limited  
Terry-Nicholson-Cates, Ltd.

**KILN DRIED LUMBER**

Bury & Co., Robt.

**KNIVES**

Disston & Sons, Henry  
Simonds Canada Saw Company  
Waterous Engine Works Company

**LAMPS AND LANTERNS**

Coleman Lamp Co.  
Mussens, Ltd.

**LARCH**

Otis Staples Lumber Company

**LATH**

Adams River Lumber Co.  
Anderson, Shreiner & Mawson  
Apex Lumber Company  
Austin & Nicholson  
Beck, C. Mfg. Co.  
Brennen & Sons  
Cameron Lumber Company  
Canadian General Lumber Company  
Carew Lumber Company, John  
Chaleurs Bay Mills

Dadson, A. T.  
Eagle Lumber Company  
Fassett Lumber Company, Limited  
Foley Lumber Company  
Fraser Bryson Lumber Co., Ltd.

Gloucester Lumber & Trading Co.  
Greig Morris Ltd.  
Grier & Sons, Ltd., G. A.  
Harris Tie & Timber Company, Ltd.  
Larkin Company, C. A.  
Mason & Company, Geo.  
McLennan Lumber Company  
Miller, W. H. Company  
New Ontario Colonization Company  
Otis Staples Lumber Company  
Power Lumber Company  
Shevlin-Clarke Company  
Terry-Nicholson-Cates, Ltd.  
U. G. G. Sawmills, Limited  
Victoria Harbor Lumber Company

**LATH BOLTERS**

General Supply Co. of Canada, Ltd.  
Hamilton Company, William  
Payette & Company, P.

**LOCOMOTIVES**

Engineering & Machine Works of  
Canada  
General Supply Co. of Canada, Ltd.  
Hopkins & Co., Ltd., F. H.  
Climax Manufacturing Company  
Montreal Locomotive Works  
Mussens, Ltd.

**LINK-BELT**

Canadian Link-Belt Company  
Hamilton Company, William

**LOCOMOTIVE CRANES**

Canadian Link-Belt Company  
Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.

**LOGGING ENGINES**

Engineering & Machine Works of  
Canada

Hopkins & Co., Ltd., F. H.  
Mussens Limited

**LOG HAULER**

Engineering & Machine Works of  
Canada  
Green Company, G. Walter  
Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.  
Payette & Company, P.

**LOGGING MACHINERY AND EQUIPMENT**

Fleming & MacLeary  
General Supply Co. of Canada, Ltd.  
Hamilton Company, William  
Hopkins & Co., Ltd., F. H.  
Payette & Company, P.  
Smith Foundry Co.  
Sylvester Manufacturing Co.  
Waterous Engine Works Company  
West, Peachey & Sons  
Mussens Limited

**LUMBER DRY KILNS**

Sturtevant, B. F. & Co.

**LUMBER EXPORTS**

Fletcher Corporation

**LUMBER TRUCKS**

Hamilton Company, William  
Mussens, Ltd.  
Waterous Engine Works Company

**LUMBERMEN'S BOATS**

Adams Engine Company  
Gidley Boat Company  
West, Peachey & Sons

**MATTRESSES**

Simmons Limited

**MILL PIPING**

Neville-Cooper Co.

**MOTORS**

Sturtevant, B. F. & Co.

**NAILING MACHINES**

Yates Machine Co., P.B.

**OAK**

Long-Bell Lumber Company  
Maus Lumber Co., Chas. O.

**PACKING**

Beveridge Supply Company  
Gutta Percha & Rubber Company

**PANELS**

Bury & Company, Robt.

**PAPER**

Beveridge Supply Company

**PINE**

Adams River Lumber Co.  
Anderson Lumber Company, C. G.  
Anderson, Shreiner & Mawson  
Atlantic Lumber Company  
Austin & Nicholson  
Beck, C. Mfg. Co.  
Big Bear Lumber Co.  
Black Rock Lumber Co.  
Cameron Lumber Company  
Canadian General Lumber Company  
Canadian Western Lumber Co.  
Canfield, P. L.  
Chesbro, R. G.  
Cleveland-Sarnia Sawmills Company  
Cox, Long & Company  
Dadson, A. T.  
Dudley, Arthur N.  
Eagle Lumber Company  
Edwards & Co., W. C.  
Excelsior Lumber Company  
Fesserton Timber Co.  
Fraser Bryson Lumber Co., Ltd.  
Gillies Bros, Limited  
Gloucester Lumber & Trading Co.  
Gordon & Company, George  
Goodday & Company, H. R.  
Greig Morris Ltd.  
Grier & Sons, Ltd., G. A.  
Harris Tie & Timber Company, Ltd.  
Hettler Lumber Co., Herman H.  
Hocken Lumber Company  
Julien, Roch  
Lloyd, W. Y.  
Loggie Company, W. S.  
Long-Bell Lumber Company  
Mason, Gordon & Co.  
Mason & Company, Geo.

(Continued on page 128)

# FIRE BRICK AND CLAY

We make several brands of fire brick by every known process of manufacture from a selection of various high grade Pennsylvania clays. This enables us to furnish the best for your boilers, dutch ovens, refuse burners, kilns, etc. We specialize in fire brick for power plants and if you will advise us whether your boilers are hand fired or stoker fired and kind of fuel used we can then give you the proper brick for your work.

We carry a large stock of our different brands in various sizes and shapes in our Hamilton warehouse which enables us to ship at once.

We manufacture the following well-known brands:

"Elkco Special," "Elk Steel,"

"St. Marys," "Keystone" and "M.D. Elk"

Write for copy of our catalogue,

**Elk Fire Brick Co. of Canada, Ltd.**

HIGH GRADE FIRE BRICK and CLAY

**Sun Life Bldg., Hamilton, Canada**

Representatives for Maritime Provinces:

**RHODES, CURRY COMPANY, Ltd., Head Office, AMHERST, N.S.**

Branches at Sydney and New Glasgow, N. S.



## Put your problem up to us

We are specialists in building locomotives. We build all types and sizes, also all kinds of repair parts for locomotives and tenders.

Our experience puts us in a position to give you expert advice as to what particular type and size of locomotive is best suited to your needs.

**Put Your Locomotive Problem  
up to us.**

## Montreal Locomotive Works

Limited

**Dominion Express Building, : Montreal, Canada**



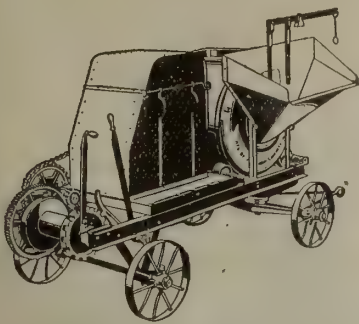


Fig. 25—London Combination Mixer  
Nos. 4 and 6

### LONDON CONCRETE MIXERS

are built to give continuous service under the most exacting conditions. They do rapid work and produce concrete with low labor cost.

LONDON MIXERS are being specified by engineers who know from experience that the first cost of a machine should not be the deciding factor when purchasing equipment. Slow production and breakdowns put the contractor out of business. The contractor can rely on the "LONDON" when profit depends on constant service and rapid production.

#### MADE IN CANADA

We manufacture Concrete Mixers, Hoists, Air Compressors, Pumps, Brick, Block and Tile Machines, Barrows, Carts, Silo Moulds, Ornamental Moulds and Tools.

**London Concrete Machinery Company, Ltd.**  
Dept. T. London, Canada  
World's Largest Manufacturers of Concrete Machinery.

# MERSHON

**BAND RESAWS**  
A SPECIALTY - NOT A SIDE LINE

## SIMPLEST and BEST

**Wm. B. Mershon & Company**  
Saginaw, Michigan, U.S.A.

## QUICK ACTION

Can be assured if you will let the CANADA LUMBERMAN "Wanted and For Sale" department take care of your miscellaneous business needs.

We receive constant testimony from advertisers as to the value they have received from this far-reaching and inexpensive method of publicity in the lumber trade and allied industries.

Try these columns. The result will surprise you.

**CANADA LUMBERMAN**

347 Adelaide St. West

TORONTO

**Floor Sweep**

**Neville-Cooper Co.**  
**Toronto**

**Shaving Pipe Systems**  
**Installed Complete**

**Planer**

**Band Saw**

**Alterations and Repairs**

**Circular Saw**

## Good Will

—a mighty valuable asset to your business and something that cannot be built up in a few days. It is the result of painstaking efforts to give the customer just a little more than he expects—keeping the quality of your products standard—and backing up every word of your advertisements. In short, it's Service—Real Service—that builds Good Will.



McCormack Lumber Company  
McFadden, J. J.  
McLennan Lumber Company  
Montreal Lumber Company  
Muir & Kirkpatrick  
Northern Lumber Mills  
Otis Staples Lumber Company  
Parry Sound Lumber Company  
P. Q. Lumber Co.  
Rolland Lumber Company  
W. & J. Sharples  
Shevlin-Clarke Company  
Spencer, Limited, C. A.  
Stalker, Douglas A.  
Summers, James R.  
Terry-Nicholson-Cates Ltd.  
Victoria Harbor Lumber Company  
Watson & Todd, Limited

#### PLANING MILL EXHAUSTERS

Toronto Blower Company  
Sturtevant, B. F. & Co.

#### PLANING MILL FANS (Reversible)

Mussens, Ltd.

#### PLANING MILL MACHINERY

Mershon & Company, W. B.  
Toronto Blower Company  
Yates Machine Company, P. B.

#### POPLAR

Keewatin Lumber Co.

#### PORTABLE SAWMILLS

Brady Machinery Co.

#### POST GRINDERS

Smith Foundry Company

#### POSTS AND POLES

Anderson, Shreiner & Mawson  
Canadian Tie & Lumber Co.  
Eagle Lumber Company  
Harris Tie & Timber Company, Ltd.  
Long-Bell Lumber Company  
Mason, Gordon & Co.  
McLennan Lumber Company  
Terry-Nicholson-Cates Ltd.

#### PULLEYS AND SHAFTING

Bernard Industrial Co., The A.  
Canadian Link-Belt Company  
General Supply Co. of Canada, Ltd.  
Green Company, G. Walter  
Engineering & Machine Works of Canada  
Hamilton Company, William  
McLaren, D. K. Ltd.  
Williams Machinery Co., A. R.

#### PULP MILL MACHINERY

Canadian Link-Belt Company  
Engineering & Machine Works of Canada  
Hamilton Company, William  
Payette & Company, P.  
Waterous Engine Works Company  
Williams Machinery Co., A. R.

#### PULPWOOD

British & Foreign Agencies  
D'Auteuil Lumber Company  
Price Bros. & Company  
Scott, Draper & Company

#### PUMPS

Engineering & Machine Works of Canada  
General Supply Co. of Canada, Ltd.  
Hamilton Company, William  
Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.  
Smart-Turner Machine Company  
Sylvester Mfg. Co., Ltd.  
Waterous Engine Works Company

#### PLANING MILL EXHAUSTERS (Steel Plate)

Sturtevant, B. F. & Co.

#### RAILS

Gartshore, John J.  
Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.

#### ROOFINGS

(Rubber, Plastic and Liquid)  
Beveridge Supply Company  
Reed & Co., Geo. W.

#### RUBBER GOODS

Dunlop Tire & Rubber Goods Co.  
Gutta Percha & Rubber Company

#### SAWS

Atkins & Company, E. C.

Disston & Sons, Henry  
General Supply Co. of Canada, Ltd.  
Gerlach Company, Peter  
Green Company, G. Walter  
Hoe & Company, R.  
Radcliff Saw Mfg. Company  
Shurly Company, Ltd., T. F.  
Shurly-Dietrich Company  
Simonds Canada Saw Company

#### SAW GRINDERS

Smith Foundry Company

#### SAW MILL LINK-BELT

Canadian Link-Belt Company

#### SAW MILL MACHINERY

Brady Machinery Co.  
Canada Machinery Corporation  
Canadian Link-Belt Company  
Clark Bros. Co.  
General Supply Co. of Canada, Ltd.  
G. Walter Green Company, Ltd.  
Hamilton Company, William  
Long Mfg. Company, E.  
Mershon & Company, W. B.  
Parry Sound Lumber Company  
Payette & Company, P.  
Waterous Engine Works Company  
Yates Machine Company, P. B.

#### SAW SHARPENERS

Hamilton Company, William  
Waterous Engine Works Company

#### SAW SLASHERS

Hamilton Company, William  
Payette & Company, P.  
Waterous Engine Works Company

#### SHINGLES

Apex Lumber Company  
Associated Mills, Limited  
Cameron Lumber Company  
Campbell-McLaurin Lumber Co.  
Canadian Western Lumber Co.  
Carew Lumber Company, John  
Chaleurs Bay Mills  
Chesbro, R. G.  
D'Auteuil Lumber Company  
Eagle Lumber Company  
Fraser, Companies Limited  
Gillespie, James  
Gloucester Lumber & Trading Co.  
Grier & Sons, Ltd., G. A.  
Harris Tie & Timber Co., Ltd.  
Mason, Gordon & Co.  
McLennan Lumber Company  
McNeil Lumber Co.  
Miller Company, Ltd., W. H.  
Rose, McLaurin, Limited  
Stalker, Douglas A.  
Terry-Nicholson-Cates Ltd.  
Timms, Phillips & Company  
Vancouver Lumber Company  
Vanderhoof Lumber Company

#### SHINGLE & LATH MACHINERY

Green Company, C. Walter  
Hamilton Company, William  
Long Manufacturing Company, E.  
Payette & Company, P.  
Smith Foundry Company

#### SILENT CHAIN DRIVES

Canadian Link-Belt Company

#### SLEEPING EQUIPMENT

Simmons Limited

#### SLEEPING ROBES

Woods Mfg. Company, Ltd.

#### SMOKESTACKS

Hamilton Company, William  
Neville-Cooper Co.  
Reed & Co., Geo. W.  
Waterous Engine Works Company

#### SNOW PLOWS

Pink & Company, Thomas

#### SPARK ARRESTORS

Reed & Company, Geo. W.  
Waterous Engine Works Company

#### SPRUCE

Adams River Lumber Co.  
Anderson, Shreiner & Mawson  
Big Bear Lumber Co.  
Cameron Lumber Company

Campbell, McLaurin Lumber Co.  
Canadian Western Lumber Co.  
Chesbro, R. G.  
Coburn Lumber Co.  
Cox, Long & Company  
Dadson, A. T.  
Dudley Arthur N.  
Fassett Lumber Company, Ltd.  
Fraser, Companies Limited  
Fraser Bryson Lumber Co., Ltd.  
Gillies Brothers  
Gloucester Lumber & Trading Co.  
Goodday & Company, H. R.  
Gravel Lumber Co.  
Greig Morris Ltd.  
Grier & Sons, Ltd G. A.  
Harris Lumber Co., Frank H.  
Hocken Lumber Company  
International Land & Lumber Co.  
Julien, Roch  
Kent James, Robt.  
Larkin Co., C. A.  
Lloyd, W. Y.  
Loggie Co., W. S.  
Mason, Gordon & Co.  
McCormack Lumber Co.  
McDonagh Lumber Co.  
McElroy Lumber Co., Ltd.  
McLennan Lumber Company  
Muir & Kirkpatrick  
New Ontario Colonization Co.  
Northern Lumber Mills  
Power Lumber Co.  
P. Q. Lumber Co.  
Rolland Lumber Co.  
Rose, McLaurin, Limited  
Spencer, Limited, C. A.  
Sutherland Lumber Co., A. A.  
Terry & Gordon  
Terry-Nicholson-Cates Ltd.  
Vanderhoof Lumber Company

#### STEAM ENGINES

Lamontague, Ltd.

#### STEAM SHOVELS

Hopkins & Co., Ltd., F. H.

#### STEEL CHAIN

Canadian Link-Belt Company  
Hopkins & Co., Ltd., F. H.  
Waterous Engine Works Company

#### STEAM PLANT ACCESSORIES

Waterous Engine Works Company

#### STEEL BARRELS

Smart-Turner Machine Company

#### STEEL DRUMS

Smart-Turner Machine Company

#### TARPAULINS

Turner & Sons, J. J.  
Woods Manufacturing Company Ltd.

#### TANKS

Hopkins & Co., Ltd., F. H.  
Horton Steel Works

#### TENTS

Turner & Sons, J. J.  
Woods Mfg. Company

#### TIES

Austin & Nicholson  
Carew Lumber Co., John  
Canadian Tie & Lumber Co.  
Chaleurs Bay Mills  
D'Auteuil Lumber Co.  
Gloucester Lumber & Trading Co.  
Harris Tie & Timber Company Ltd.  
International Land & Lumber Co.  
McLennan Lumber Company  
McNeil Lumber Co.  
Miller, W. H. Co.  
Scott, Draper & Co.  
Terry-Nicholson-Cates Ltd.

#### TIMBER BROKERS

Cant & Kemp  
Farnworth & Jardine  
Wright, Graham & Co.

#### TIMBER CRUISERS AND ESTIMATORS

Savage & Bartlett.  
Sewell, James W.

#### TIMBER LANDS

Department of Lands & Forests, Ont.

#### TOWING MACHINES

Payette & Company, P.  
West, Peachey & Sons

#### TRACTORS

Holt Manufacturing Company  
Hopkins & Co., Ltd., F. H.  
Mussens Limited

#### TRAILERS

Dominion Truck Equipment Co.  
Mussens, Ltd.  
Sylvester Manufacturing Co.

#### TRANSMISSION MACHINERY

Canadian Link-Belt Company  
Engineering & Machine Works of Canada  
General Supply Co. of Canada, Ltd.  
Grand Rapids Vapor Kiln  
Hamilton Company, William  
Kennedy, Wm. & Sons  
Waterous Engine Works Co.

#### TRUCKS

Tudhope Anderson Co.

#### TRUCK UNITS

Dominion Truck Equipment Co.

#### TURBINES

Engineering & Machine Works of Canada  
Hamilton Company, William

#### TURBO UNDERGRATE BLOWERS

Sturtevant, B. F. & Co.

#### VALVES

Crane, Limited

#### VAPOR KILNS

Grand Rapids Vapor Kiln

#### VENEERS

Bury & Co. Robt.

#### VENEER DRYERS

Coe Manufacturing Company

#### VENEER MACHINERY

Coe Manufacturing Company

#### VETERINARY REMEDIES

Dr. Bell Veterinary Wonder Co.  
Johnson, A. H.

#### WARPING TUGS

West, Peachey & Sons

#### WATER WHEELS

Engineering & Machine Works of Canada  
Hamilton Company, William

#### WIRE

Canada Metal Co.  
Laidlaw Bale Tie Company  
Canada Wire & Iron Goods Co.

#### WIRE CLOTH

Canada Wire & Iron Goods Co.

#### WIRE ROPE

Canada Wire & Iron Goods Co.  
Hopkins & Co., Ltd., F. H.  
Dominion Wire Rope Co.  
Greening Wire Co., B.  
Mussens, Ltd.

#### WOODWORKING MACHINERY

General Supply Co., of Canada, Ltd.  
Long Manufacturing Company, E.  
Mershon & Company, W. B.  
Waterous Engine Works Co.  
Yates Machine Company, P. B.

#### WOOD PRESERVATIVES

Beveridge Supply Company  
Austin & Nicholson  
New Ontario Colonization Company  
Power Lumber Co.

#### WOOD PULP

Austin & Nicholson  
New Ontario Colonization Co.  
Power Lumber Co.



# ATKINS

## STERLING QUALITY SAWS

### Good Saws, Saw Tools and Machine Knives

are necessary for speed, economy and efficient production.

They are the deciding factor in the success of any sawmill, furniture factory or woodworking plant. Thousands of saw users know, because they have convinced themselves, that the installation of Atkins Saws, Tools and Machine Knives means more and better work with larger profits.

### Give Atkins a Trial

We will make good with our products and convince you that they are what we claim in our slogan,

***"The Finest on Earth"***

Leading manufacturers of Saws, Saw Tools and Machine Knives, also Atkins-Coleman Feed Rollers. Use Acrolite and Ferrolite Wheels for your saw gumming and knife grinding. Increase your belt efficiency by using Cantol Belt Wax.

## E. C. ATKINS & CO.

Established 1857      The Sterling Quality Saw People

Canadian Factory, HAMILTON, Ontario

Branch carrying complete stock, VANCOUVER, B. C.



**MADE IN CANADA**

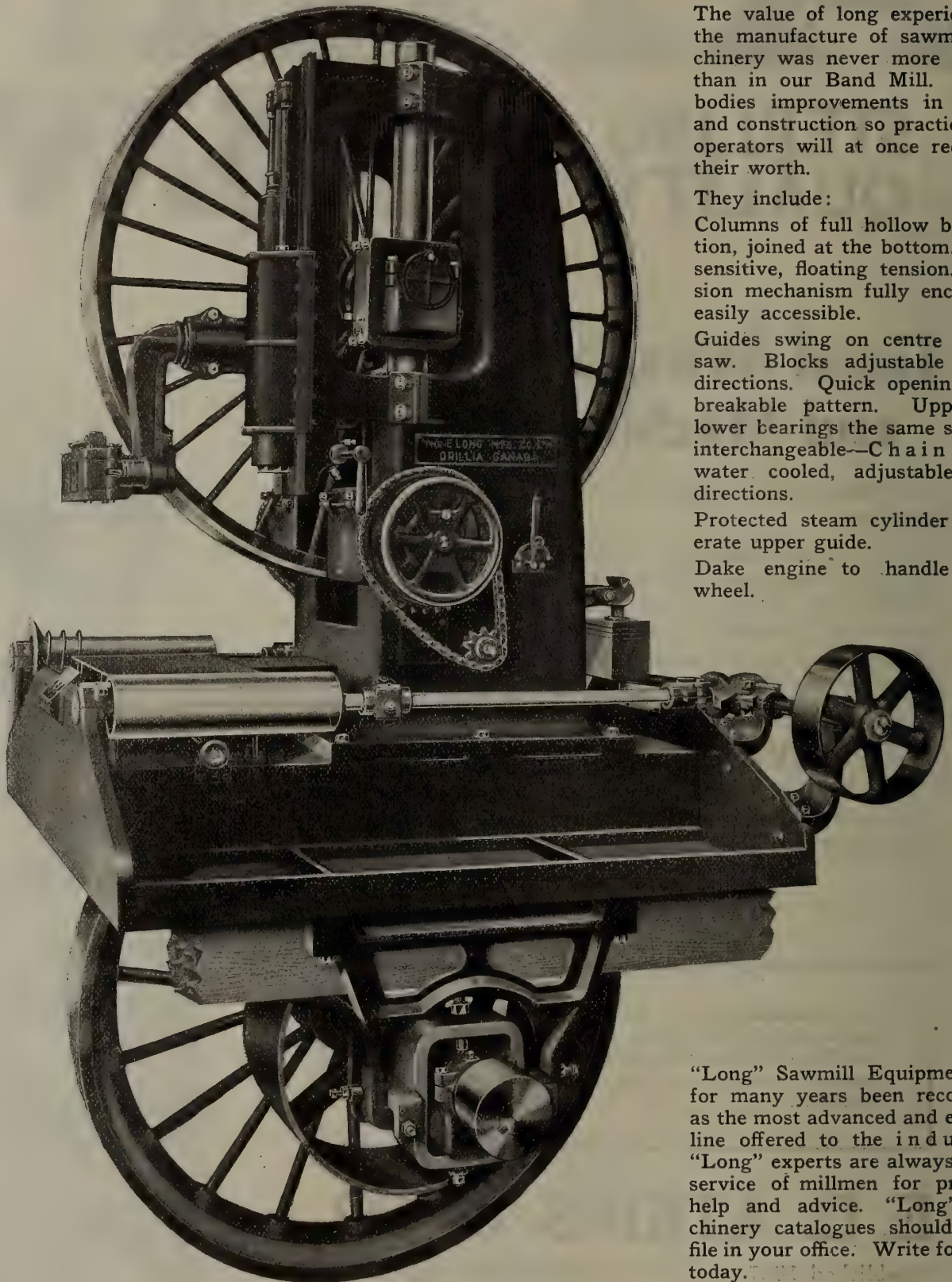


# The "LONG" Band Mill

## meets every requirement

**The Name  
"LONG"  
Is Your  
Guarantee**

Long Chains  
Niggers, Steam and Friction  
Rollers, Live and Dead  
Saw Frames  
Band and Circular Resaws  
Slashers  
Steam Feed Valves  
Shingle Machinery  
Trimmers  
Transmission Machinery  
Transfers  
Carriages  
Cant Flippers, Steam Edgers  
Feeds, Steam and Friction  
Lath Bolters  
Lath Machines  
Lath Binders and Trimmers  
Log Jacks  
Log Kickers  
Log Loaders, Steam  
Log Turners.



The value of long experience in the manufacture of sawmill machinery was never more evident than in our Band Mill. It embodies improvements in design and construction so practical that operators will at once recognize their worth.

They include:

Columns of full hollow box section, joined at the bottom. Very sensitive, floating tension. Tension mechanism fully enclosed—easily accessible.

Guides swing on centre line of saw. Blocks adjustable in all directions. Quick opening, non-breakable pattern. Upper and lower bearings the same size and interchangeable—Chain oiling, water cooled, adjustable in all directions.

Protected steam cylinder to operate upper guide.

Dake engine to handle upper wheel.

"Long" Sawmill Equipment has for many years been recognized as the most advanced and efficient line offered to the industry. "Long" experts are always at the service of millmen for practical help and advice. "Long" Machinery catalogues should be on file in your office. Write for them today.

# The E. Long Manufacturing Co., Limited

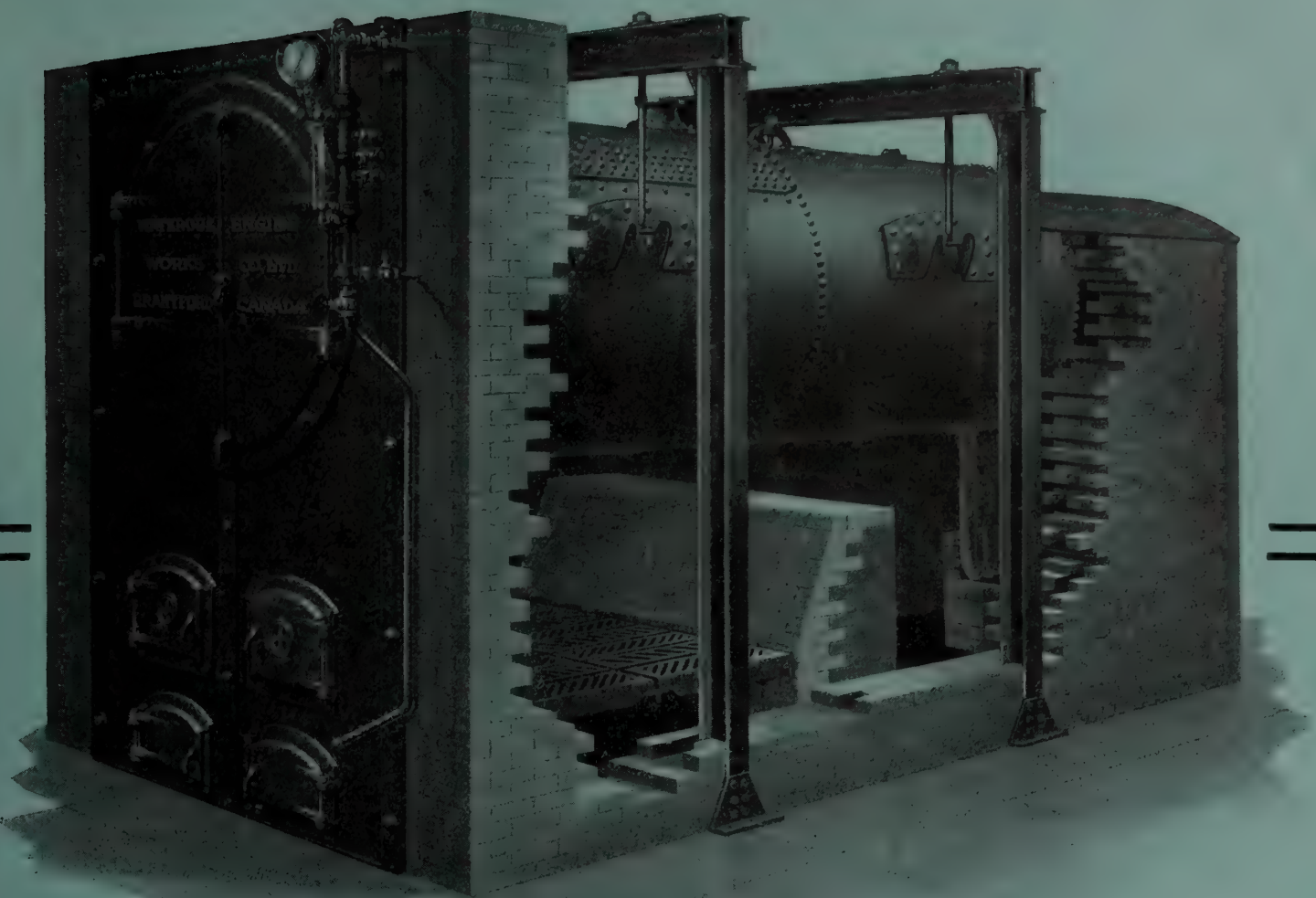
## Orillia Canada

A. R. Williams Machinery Co.,  
Vancouver and Winnipeg



Gormans, Ltd. Calgary and Edmonton  
Williams & Wilson, Ltd., Montreal





# Waterous Boilers

## Are Best for Sawmill Use

You can get the best efficiency and satisfaction in steam production by using *Waterous Return Tubular Boilers* installed the Waterous way.

They are economical of fuel—carry plenty of steam in reserve for use in emergencies—can be used with hard

and dirty water—they are easily cleaned and readily taken care of.

Our boiler settings—*both full front and duck oven*—are dimensioned and designed to best handle the various fuels used in the sawmill. We can guarantee to give you the

most perfect combustion, with the least amount of work and attention, whatever kind of fuel you burn. We build both brick and full steel settings for all size boilers, single or battery.

Waterous Return Tubular Boilers are built for all Provinces—any size up to 165 HP.



*Write for New Catalog.*

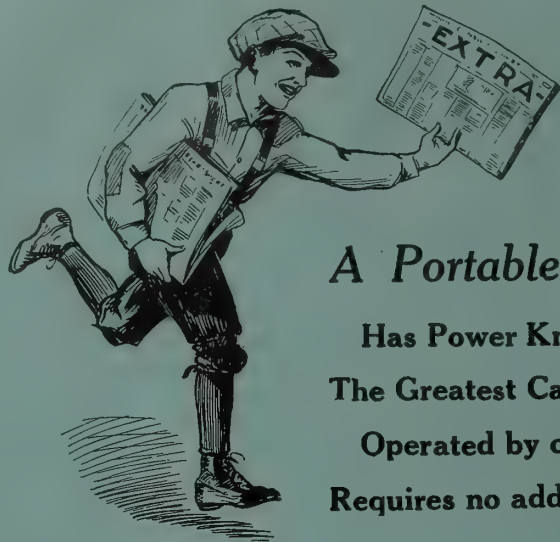
# The Waterous Engine Works Co., Ltd.

Molsons Bank Bldg., Vancouver, B.C. BRANTFORD, CANADA

Branch—Winnipeg, Man.



# EXTRA



*Cadillac*  
404  
PATENTED

## A Portable Sawmill—

Has Power Knees and Dogs.

The Greatest Capacity of any mill on earth.

Operated by one man.

Requires no additional power.

**T**HIS Portable Sawmill is designed especially to handle short logs, veneer cores, etc., working them up into good marketable stock, railroad ties, box lumber, dimension stock, cooperage stock, etc.

To insure reasonable deliveries we are putting forth maximum efforts towards increased production. Let us have your enquiries now.

## BRADY MACHINERY COMPANY

Traverse City, Mich.



Cadillac, Mich.

Manufacturers of  
Portable Sawmill Machinery

General Offices:  
Traverse City, Mich.  
U. S. A.

Machine Shops and Foundries  
Cadillac, Mich.  
U. S. A.



# Canada Lumberman

Founded 1880

Our new 1923 Catalogue, covering  
Tents, Tarpaulins, Boats, Paddles,  
etc. now ready for distribution.  
Copy mailed on request.

**J. J. Turner & Sons, Ltd.**  
Manufacturers  
PETERBOROUGH, - - - - - ONT.

## FIRE INSURANCE

Unequalled Facilities

Protection + Service + Saving  
TO

Lumbermen

**E. D. HARDY & CO.**  
BOOTH BLDG. - - - - - OTTAWA, ONT.

Twenty Years of Successful Operation

**DeVEUVE-BURNS UNDERWRITING COMPANY**

Manager

**LUMBERMEN'S INDEMNITY EXCHANGE**

Fire Insurance for Lumbermen

Licensed in Canada

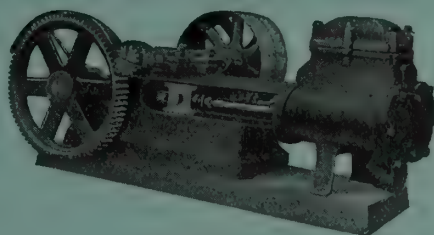
New **RAILS** Relaying

12 to 80 pounds per yard

**LOGGING CARS**

**Jno. J. Gartshore**

58 Front St. West, Toronto



For Long Service  
and  
Minimum Repair Bills

**Try Smart-Turner Pumps**

**The Smart-Turner Machine Company, Limited**  
Hamilton, Canada

### Quantity Production Lowers Manufacturing Costs

The demand for a medium priced—high-class motor boat has resulted in GIDLEYFORD sales far in excess of expectations. The Gidley organization is able to concentrate on quantity production on an unheard of scale, with the logical result—lower production costs.

This enables us to sell the GIDLEYFORD at a greatly reduced price, and we will maintain the quality that is represented by the combined names of Gidley and Ford.

GIDLEYFORDS will be allocated as orders are received and shipping dates arranged.

Price reduced to \$1250. F.O.B. rail or water, Penetang, Ontario. In Canada, Sales Tax extra.

**1923 Price—\$1250**

**GIDLEY BOAT COMPANY, LIMITED, PENETANG, ONTARIO**





# "HAMILTON" LATH MACHINES

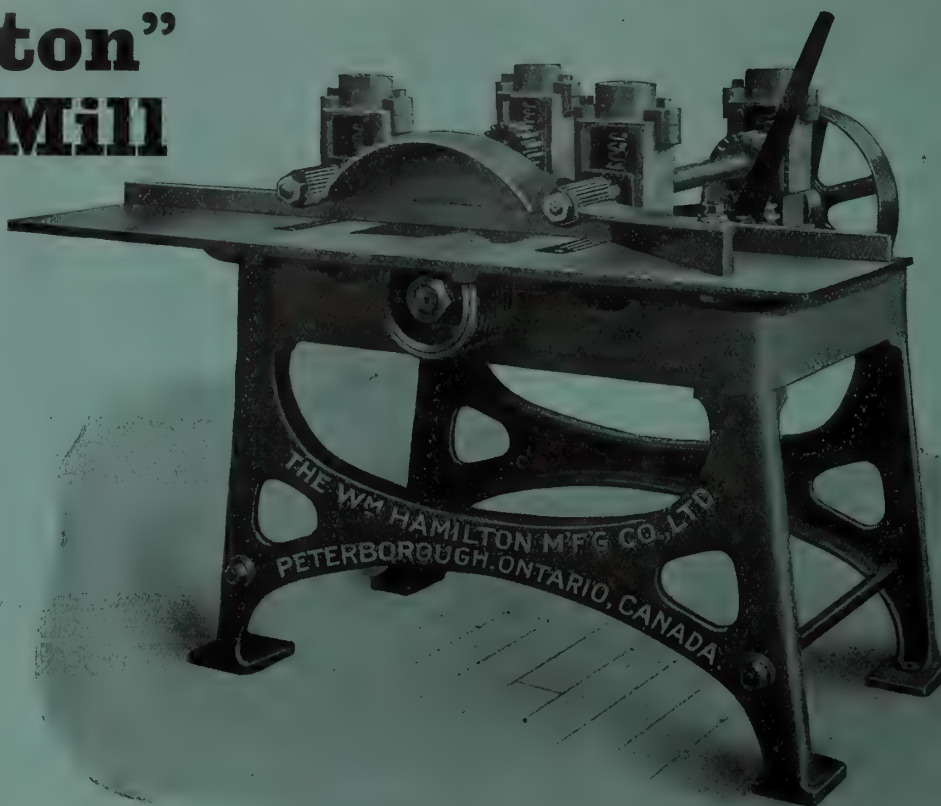
## "Hamilton" Lath Mill

All iron frame, exceptionally heavy, rigid and strongly braced, top and bottom rolls power driven. Extra wide table.

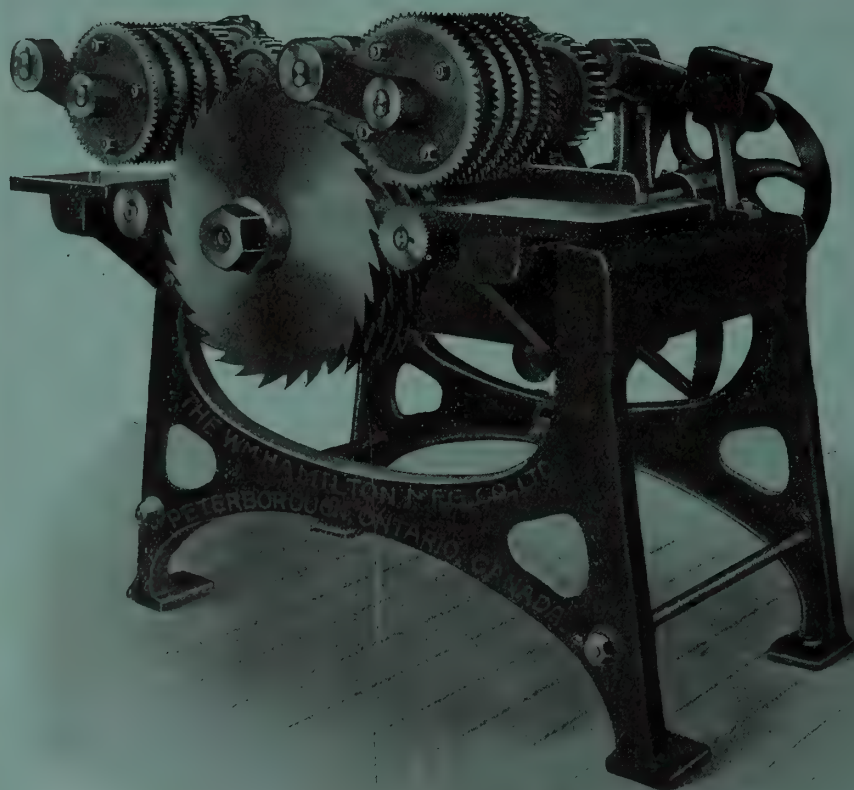
Carries six 14" saws.

Guaranteed capacity 50,000 lath in ten hours.

Get Our Special  
Catalogue



## "Hamilton" Lath Bolter



Extra heavy all iron frame, Feed Rolls driven, top and bottom, fitted with adjustable steel guide.

Carries four 20" saws. Saws readily changed for filing.

Both of above Machines Carried  
in Stock

We also manufacture single end Bolters, double end Picket Machines, and also Combined Lath Mill & Bolter for use where space in your mill is limited.

Write us for prices.

**WILLIAM HAMILTON CO., LIMITED, Peterboro, Ontario**

Agents:—J. L. Neilson & Co., Winnipeg, Man. E. G. Blackwell, 65 Davis Chambers, Vancouver, B.C.



# **Knox Brothers, Limited**

HEAD OFFICE:

**512-513 Drummond Building, Montreal, Que.**



*Our first steamer leaving a Pacific Coast port bound for Montreal*

***We are Specialists in British Columbia Forest Products***

**We Handle  
The Best in the West**

If you are interested in Western stock send us your inquiries. We can make quick shipments from our Montreal stock.



# HEMLOCK

*Ready for shipment*

30,000 ft.	2 x 6"	—8/16'	No. 1 Hemlock.
35,000 "	2 x 8"	— " "	" "
40,000 "	2 x 10"	— " "	" "
20,000 "	2 x 12"	— " "	" "
50,000 "	2 x 4/up	— " "	" "
100,000 "	1 x 4/up	— " "	" "
40,000 "	2 x 4/up	—6/16'	No. 2 Hemlock.
66,000 "	1 x 4/up	— " "	" "

## Hocken Lumber Co., Limited

626 Confederation Life Building

Phone Main 3153 — Toronto, Ontario

## SOUTHERN HARDWOODS Dry Stock at Buffalo for Quick Shipment

WHITE ASH				TENNESSEE SCENTED CEDAR				QUARTERED SAP GUM				QUARTERED WHITE OAK				
	1 & 2	Clear Strips	No. 1 Com.	No. 2 Com.	1 in.—26,200	1 1/4 in.—1,800			1 & 2	No. 1C	No. 2C		1 & 2	Clear Strips	No. 1 Com.	No. 2 Com.
3/4 in.	2,000	.....	1,500	2,500			PLAIN RED GUM		4/4	.....	.....	1/2 in.	6,100	.....	.....	.....
1 in.	160,000	15,000	44,000	76,000			No. 1	No. 2	5/4	.....	14,000	3/4 in.	3,900	.....	6,300	3,000
1 1/4 in.	49,000	5,000	78,000	5,000			Com.	Com.	8/4	.....	34,000	300	2,800	.....	700	800
1 1/2 in.	41,000	11,500	72,000	2,500	1 in.	94,000	123,000	2,200	10/4	.....	8,000	1 in.	44,000	5,300	41,000	1,700
2 in.	88,600	900	122,000	65,000	1 1/4 in.	29,000	23,000	700	12/4	.....	300	1 1/4 in.	13,000	14,300	28,000	1,800
2 1/2 in.	119,000	.....	29,000	43,600	1 1/2 in.	24,000	48,000	14,500				1 1/2 in.	7,000	500	2,500	.....
3 in.	14,000	.....	5,000	45,000	2 in.	4,000	7,300	300				2 in.	5,500	.....	23,000	5,700
4 in.	116,000	.....	28,000	6,500								2 1/2 in.	1,000	.....	.....	.....
							FIGURED RED GUM	1 & 2				3 in.	300	.....	200	.....
							No. 1C	3,000	3/4 in.	70,000	202,000	4 in.	600	.....	700	.....
									5/8 in.	.....	74,000					
									1 in.	90,000	6,000					
									1 1/4 in.	36,000	54,000					
									1 1/2 in.	40,000	47,200					
									2 in.	44,000	121,000					
									2 1/2 in.	1,500	1,400					
									3 in.	94,100	33,000					
									4 in.	5,800	19,000					
										2,600	4,600					
									</							

Also large stock of Brown Ash, Basswood, Beech, Birch, Elm and Maple.

**THE ATLANTIC LUMBER CO. Inc.** 310 MANNING CHAMBERS  
**TORONTO**

MANUFACTURERS SOUTHERN HARDWOOD LUMBER

Head Office: BOSTON, MASS.

Yards: BUFFALO, N.Y.

Mills: KNOXVILLE, TENN., FONDE, KENTUCKY



WHITE PINERED PINEJACK PINESPRUCEHEMLOCKHARDWOODSSHINGLESB.C. PRODUCTSTIMBERLATH, ETC.

## See Fesserton First!

When you want a car of lumber, an extra fine lot of pine or a rush order of shingles, lath, etc., to meet the demand of building operations—see Fesserton first. Quality, price and service are all that could be desired. Quotations furnished promptly.

STRAIGHT OR MIXED CARS

### The Fesserton Timber Company Limited

15 Toronto St.      MAIN 795-6      Toronto  
Western Office: Winch Building, Vancouver, B.C.


**LUMBER**

**MUIR & KIRKPATRICK**

1315-20 BANK OF HAMILTON BLDG.  
TORONTO, CANADA

MANUFACTURERS AND WHOLESALERS


**L  
A  
T  
H**

**L  
A  
T  
H**
**LUMBER**



# EDWARD CLARK & SONS LIMITED

807 Bank of Hamilton Building - Toronto

## Hardwood Lumber

SPECIALTY



BIRCH

We have for immediate shipment in dry stock 1 car 4/4 Elm 2 C&B, 100 M ft., 8/4 F.A.S. Birch; 100 M ft. 10/4 2 C&B Birch. This is all well manufactured stock containing good widths and lengths.

*Correspondence  
Invited*

Now is the time to get quotations on your requirements for the year. The mills are running and stock can be sawn to your individual specifications. Get in touch with us and place your order early.

### EFFICIENCY, COURTESY AND SERVICE

## LATH and LUMBER

WHITE PINE  
NORWAY PINE

Shevlin - Clarke  Company Limited

FORT FRANCES, ONT.

Manufacturers  
and Wholesalers

Prompt Shipment.  
Attractive Prices.





There are some names  
which carry the weight  
of written agreements

## The A. E. Gordon Lumber Co.

705-6 Confederation Life Building

Branch Office:  
507 Pacific Bldg., Vancouver, B.C.

TORONTO, ONT.  
Phone Adel. 4281



# Geo. Gordon & Co.

Limited

CACHE BAY - ONTARIO

*Manufacturers of*

## WHITE & NORWAY PINE

Lumber, Dimension Timber  
Lath, Shade Roller Pickets

*Planing Mill in Connection*



## The Spanish River Lumber Co. Limited

LUMBER MANUFACTURERS

CUTLER, ONTARIO

WHITE PINE,  
NORWAY PINE,  
HEMLOCK

Shipments  
by Rail  
or Water





## Canadian Forest Products

### **ONTARIO HEMLOCK**

Will commence sawing latter  
end of April and can arrange  
to cut "SPECIAL BILLS"  
ENQUIRIES SOLICITED

**TERRY-NICHOLSON-CATES**  
LIMITED

SUCCESSORS TO  
*Terry & Gordon*  
LIMITED

MONTREAL

TORONTO

VANCOUVER

*Ontario Representatives for*

The British Columbia Mills, Timber and Trading Company Limited  
Vancouver, B. C.



# New Ontario Colonization Co., Ltd.

MANUFACTURERS  
SPRUCE LUMBER AND LATH

Tamarack

Rossed Pulpwood

Our modern Planing mill enables us to dress lumber  
in any manner required.

Sales Office: **BUFFALO, N. Y.**  
609 Jackson Bldg.

Mills : **JACKSONBORO, ONT.**  
Transcont. Div. Can. Nat. Rys.

*Kindly address all inquiries care department "A"*

We are always in the market to buy Soft Elm, Maple, Birch and other Hardwoods. Also Spruce, Pine, Poplar or Balm for crating.

Established Twenty Years

**Liberal Prices      Fair Inspection**  
**Prompt Payment**

*We have a good Stationary Saw Mill complete with power for sale, capacity 15 to 20 M. per day. Write us for particulars.*

**The Manufacturers' Lumber**  
Company Limited

**Stratford      -      Ont.**

## BARGAINS IN Standing Timber

**A**LL our remaining timber lands and town property situated in the town of Parry Sound are offered for sale by us. The special prices at which these are being sold makes early enquiries advisable.

Good bargains are still obtainable in the Townships of Christie, Allen, Secord, Falconbridge and Street. May we send you full particulars?

**The Parry Sound Lumber Co.**

26 Ernest Avenue

LIMITED  
Toronto, Ont.

Phone Adel. 7718

302 Brass Bldg.

**Cedar Shingles**

**Western Fir, Spruce and Pine**

All Dimensions All Grades

Old Growth Soft Yellow Fir in Rough Clears

**Southern Yellow Pine**

Canadian Representatives of

**Cantrell Lumber Co., New York**

Handling the product of several leading Southern Pine Mills. Send us your inquiries for B and Better finish and Rough or sized dimension.

**J. L. Nevison & C. J. Brooks, Toronto, Ont.**

**Watson & Todd Limited**  
**OTTAWA**

**WHITE PINE**  
**RED PINE**  
**SPRUCE**

Registered



Trade Mark

**Rideau Club Building**  
Cor. Wellington and  
Metcalf Sts.

Registered



Trade Mar



# GEORGE MASON & COMPANY

(Successors to Manley Chew)

MANUFACTURERS OF

## Pine—Maple—Beech—Basswood Lumber—Lath

WE INVITE YOUR ENQUIRIES

Mills at Midland, Ont., Thunder Bay, Ont.

Head Office :— Midland, Ont.

### Do Your Customers Come Back?

They will if you sell our lumber which is all carefully manufactured in our own mills from timber off our own limits.

Get our prices on

## WHITE & RED PINE

Also Box and Crating stock. Lath and Shooks. You'll find they offer a good margin of profit for you.

**KEEWATIN LUMBER COMPANY, LTD.**

**KENORA - ONTARIO**

Two complete Saw and Planing Mills Box Factories and Lath Mill at Keewatin and Kenora, Ont.

### F. W. Brennen & Sons

474 Main St. East

Hamilton, Ont.

Wholesale

## LUMBER LATH--SHINGLES

We have what you want: Write us for quotations

### A. T. DADSON

Wholesale Lumber Broker

350 CONFEDERATION  
LIFE BLDG.

**TORONTO**

Telephone  
Main 1892

Would be glad to hear from manufacturers and wholesalers with particulars of stock of Lumber and Lath.

We are  
Exclusive handlers of the Celebrated  
"VELVET BRAND"  
SHORT LEAF YELLOW PINE

— The softest that grows —

Steam Dried or  
Smoke Dried

Inquiries invited  
Prompt Shipments

**Russell Harris Lumber Company**  
34 Victoria Street, Toronto. Telephone Main 4700

## The D'AUTEUIL LUMBER CO., Limited

81 St. Peter Street,  
QUEBEC

**Pulpwood, Lumber,  
Spoolwood,  
Ties and Shingles**



THE  
**Montreal Lumber Co.**  
Limited  
**WHOLESALE  
LUMBER**

759 Notre Dame St. W., Montreal

W. K. GRAFFTEY,  
President and Managing Director.

**DR. BELL'S**  
Veterinary Wonder Remedies  
50,000 one dollar (\$1.00) bottles Free  
to horsemen who give the Wonder a fair  
trial. Guaranteed for Colic, Inflammation  
of the Lungs, Bowels, Kidneys,  
Fevers, Distemper, etc. Send 25c for  
Mailing Package, etc. Agents wanted.  
Write your address plainly. **DR. BELL,**  
V S. Kingston, Ont.



**Know  
Your  
Market**

A timely knowledge of Canadian construction activities gives the lumberman a point of vantage from which to conduct his sales.

The Contract Record will keep you posted on construction undertakings large and small.

The subscription price is \$3.00.

Send to

**Contract  
Record**

and Engineering Review  
347  
Adelaide Street West,  
Toronto, Ont.

# LUMBER

## Wanted

**Mill-cuts in**  
  
**W. Pine**  
**Hemlock**  
  
**Birch**  
**Elm**  
  
**Maple**

**C. G. Anderson Lumber  
Company, Limited**

Manufacturers and Strictly Wholesale  
Dealers in Lumber

SALES OFFICE

**705 Excelsior Life Building  
Toronto**

### BELTING

All kinds of new and used Belting  
Shipped subject to approval, at  
Lowest Prices in Canada

**YORK BELTING CO.**  
115 York St. Toronto, Ont.

**JACK PINE**

**HEMLOCK**

**SPRUCE**

**JAMES R. SUMMERS**

Wholesale Lumber

95 King St. East TORONTO, Ont.  
Main 7329

### HICKORY AXE HANDLES

Made From the Best Canadian  
**HICKORY**

Quality, Shape and Finish Unexcelled  
**St. Marys Wood Specialty Co. Ltd,**  
St. Mary's, Ontario, Canada

High Grade Wood Specialties Ball Bats  
H ndles, and Hardwood Lumber."

### BELTING FOR SALE

We have a large quantity of Second-  
Hand Rubber and Leather Belting in  
all sizes and plys up to 24 inches in  
width, which we can sell at interesting  
prices. Send us your requirements.

**N. SMITH**  
138 York St. - Toronto, Ont.

**Robt. Coltart & Co.**

Royal Liver Building

Liverpool England

Agents for the sale of  
Pine, Spruce and Hard-  
woods. Correspondence  
invited.

Cables—"COLTART" Liverpool

**Cant & Kemp**

52 St. Enoch Square

**GLASGOW**

**Timber Brokers**

Cable Address, "Tectona," Glasgow  
A1 and ABC Codes used

**FARNWORTH  
& JARDINE**

Cable Address: Farnworth, Liverpool

**WOOD BROKERS  
and MEASURERS**

2 Dale Street, Liverpool, and  
Seaforth Road, Seaforth, Liverpool,  
England





# Quick Action



## You Can Have It

Try the Canada Lumberman Wanted and For Sale Department. Have you anything you wish to buy or sell in the Lumber Industry? You will find this department inexpensive, and a very effective business getter.

Our Classified Advertisers do not repeat the ad, often. They don't have to. They report immediate results. Use these columns to your own advantage.

**CANADA  
LUMBERMAN  
and WOODWORKER**  
347 Adelaide St. W.  
TORONTO



***"Well Bought is Half Sold!"***

**Below**

are a few of our

## **HARDWOOD OFFERINGS**

**All Dry**

2	Cars	4/4" No. 3 Com. Elm.
3	"	4/4" No. 2 Com. & Btr. Elm.
1	"	8/4" " " " " ) 15% No. 2 Com. )
8	"	4/4" No. 2 & 3 Com. Ash. About 50% each grade.
1	"	6/4" No. 2 Com. & Btr. Basswood.
1	"	8/4" No. 2 & 3 Com. Basswood.
1	"	12/4" No. 2 Com. & Btr. Hard Maple.
1	"	8/4" " " " " "
1	"	8/4" " " " " Oak.

**Canadian General Lumber Co.**  
Limited

## **FOREST PRODUCTS**

TORONTO OFFICE:— 712-20 Bank of Hamilton Building

Montreal Office:— 514 Canada Cement Company Bldg.

Mills: Byng Inlet, Ont.

### **LUMBER WANTED**

We are in the market for a block of Spruce and Hemlock, inch and 2" Merchantable and No. 2, also Pine Mill Culls. In writing quote your lowest price.

The Foley Lumber Co.,  
18 Toronto Street,  
Phone Main 2746 Toronto, Ont.

Manufacturers of

**WIRE** For TYING, BUNDLING  
and many other purposes  
NAILS  
**LIDLAW BALE TIE CO., Ltd**  
HAMILTON, ONT.

### **SAVAGE & BARTLETT**

FOREST ENGINEERS

Timber Estimates, Maps, Topographic  
and Boundary Surveys

15 State St., BANGOR, MAINE

### **W. Y. LLOYD**

350 Confederation Life Building,  
TORONTO, Ont.

Dealers in Eastern and Western  
**Canadian Softwoods**

Pine, Spruce, Fir, Hemlock  
Lath and Shingles.

*Soliciting enquiries.*

Twenty Years Experience

**Timber Estimates**

Reports Maps

**James W. Sewall**

Forest Engineer

Old Town, Davidson Bldg.,  
Maine. Washington, D.C.

*Largest Cruising House in America.*

### **SPECIALTIES**

Sawed Hemlock  
Red Cedar Shingles  
White Pine Lath  
Bass and Poplar Siding

**James Gillespie**

Pine and Hardwood

**Lumber**

Lath and Shingles

North Tonawanda, N.Y.



## Canfield - Wilmot

LIMITED

**Wholesale Lumber**
**Woodstock - Ontario**
**Specialists in B. C. Lumber**
**B.C. PRODUCTS ALWAYS IN TRANSIT**

## ROSE-McLAURIN

LIMITED

**1226 Bank of Hamilton Building TORONTO**
**Phone Main 6752**
*We Specialize in*
**British Columbia Lumber and  
Timber and Red Cedar Shingles**
*Let us quote you. Our prices are right*
*We also handle the well known*
**"TEN-TEST" SOLID FIBRE BOARD**

## A Permanent Lumber Service

**A**FTER several years of inactivity we are now cutting on our modern fully equipped mills at Manistique and Little Lake, Upper Michigan. The timber behind these mills was purchased many years ago by the Stack interests from the then "unlimited" supply. Its quality, particularly the maple and birch, is the envy of northern mill men among whom this tract is famous.

This timber will run the mills to full capacity for fifteen to twenty years. The 40,000,000 feet annual cut will run:

15,000,000 ft. maple annually  
6,000,000 ft. birch annually  
2,500,000 ft. beech annually  
2,500,000 ft. elm annually  
900,000 ft. basswood annually  
200,000 ft. ash annually  
6,000,000 ft. hemlock annually  
3,000,000 ft. white pine annually

the balance in Spruce and Tamarack.

Our exceptional service, grades, and manufacture will be maintained.

"Low freight rate shipments by water to Toronto, Montreal, Owen Sound, Port Arthur, and other Great Lakes and St. Lawrence River Ports. Conveniently located also for rail shipments to inland points by C.P.R. or Soo line."

We will be pleased to hear from old friends and from new ones who can understand and appreciate what permanent connection with such a source of supply would mean.

### STACK LUMBER CO.

**ESCANABA**
**MICHIGAN**

## W.S. LOGGIE

**and Company, Limited**

*Manufacturers  
of Lumber  
including*

## SPRUCE, PINE and LATHS

**Head Office**
**Chatham, N.B.**
**Mill**
**Inkerman, N.B.**

## The Rat Portage Lumber Co., Limited, Vancouver

MANUFACTURERS OF

**DOUGLAS FIR, SPRUCE AND HEMLOCK**
**FLOORING, CEILING, SIDING, INTERIOR AND EXTERIOR  
FINISH OF ALL KINDS INCLUDING MOULDINGS**
**Rough Kiln Dried and Green Clear Fir in All Sizes**
**Boards, Shiplap, and Dimension**
**ROUGH TIMBERS UP TO 90 FEET LONG**

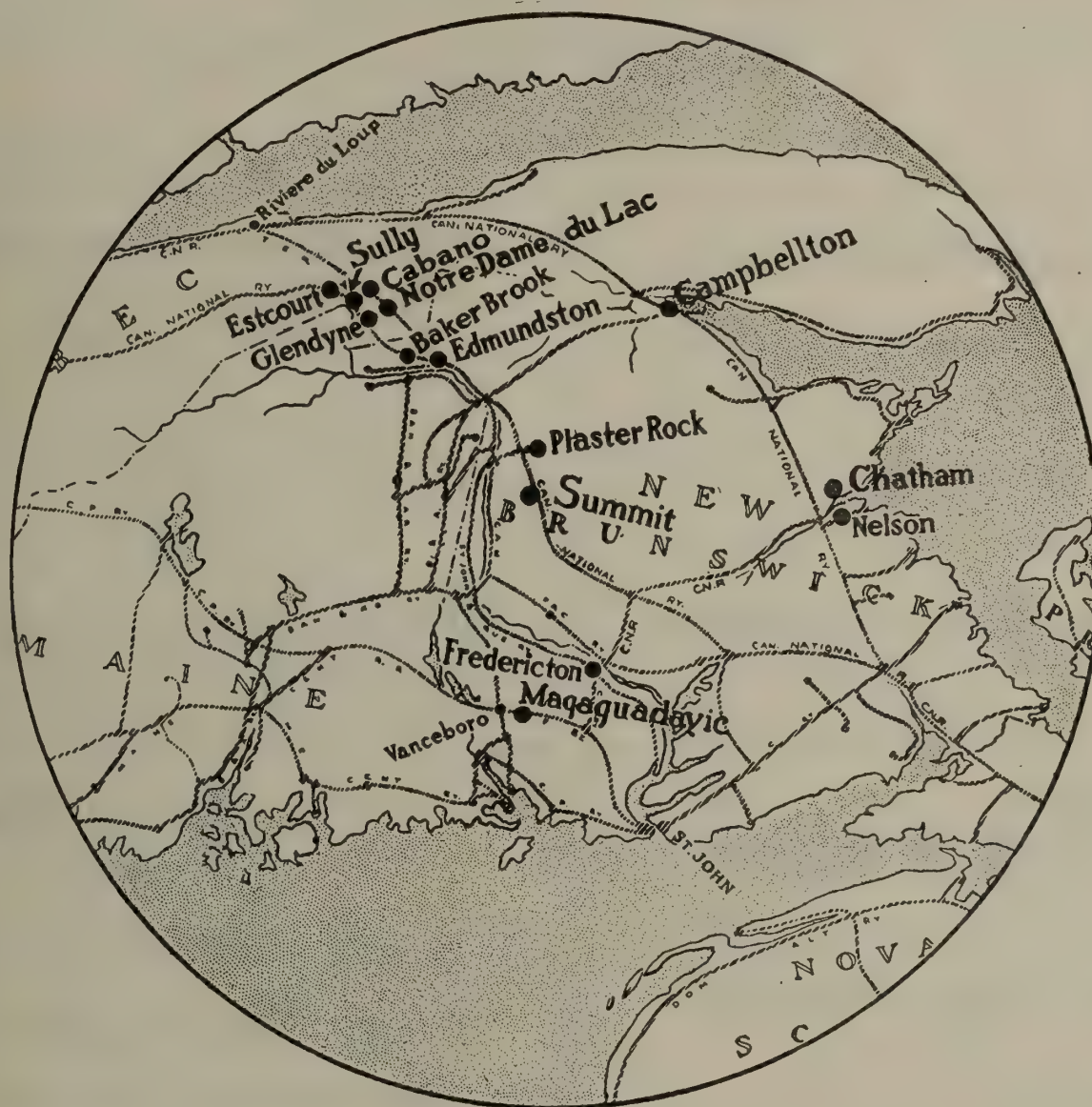
**WE SPECIALISE IN 1/4  
SCANT SIZED DIMEN-  
SION, ALSO DIMENSION  
AND BOARDS IN THE  
ROUGH**



# FRASER COMPANIES, Limited

Bleached Sulphite Pulp Mill. Saw Mills (all Band Saw Mills). Shingle Mill

HERE THEY ARE ON THE MAP



## Mills and Railway Connections

Saw and Shingle Mills	Railway Connections
Cabano, Que. ....	Temiscouata Ry.
Notre Dame du Lac, Que. ....	Temiscouata Ry.
Glendyne, Que. ....	C. N. Ry.
Estcourt, Que. ....	C. N. Ry.
Sully, P.Q. ....	C. N. Ry.
Edmundston, N. B. ....	C.P.R., C.N.R. and Temiscouata Ry.
Magaguadavic, N.B. ....	C. P. R.

Saw and Shingle Mills	Railway Connections
Baker Brook, N. B. ....	C.N.Ry., Temiscouata Ry.
Plaster Rock, N.B. ....	C. P. R.
Summit, N. B. ....	C. N. R.
Fredericton, N. B. ....	C.P.Ry and C.N.Ry.
Nelson, N. B. ....	C. N. Ry.
Campbellton, N. B. ....	C. N. Ry.

Bleached Sulphite Mill, Edmundston, N. B. .... Railway Connection, C.P.R., C.N.R. and Temiscouata Ry.  
Sulphite Mill, Chatham, N. B. .... Railway Connection, C. N. R.

Bleached Sulphite.

Rough and Dressed Spruce.

White Cedar Shingles.

Railway Ties

Piano Sounding Board Stock a Specialty.

Selling and Purchasing Offices :-- EDMUNDSTON, N. B.



**YOU CAN'T GO**

2	Cars	16/4	Hd. Maple	No. 1 & B.
1	"	10/4	Hd. " "	" "
15	"	4/4	Hd. " "	No. 2 & B.
2	"	16/4	St. " "	" "
1	"	14/4	St. " "	No. 1 & B.
8	"	4/4	St. Elm	No. 2 & B.
2	"	4/4	St. " "	No. 2 & 3 Com.
1	"	5/4	Basswood	No. 1 & B.
2	"	4/4	Basswood	" "

**WRONG ON THESE**

1	Car	1" 1 1/4" 1 1/2" & 2"	Basswood, No. 2.
			& 3 Common.
5	"	6/4	Beech No. 2 & B.
3	"	4/4	Beech " "
6	"	4/4	Birch No. 1 & B.
2	"	4/4	Birch No. 2 & B.
1	"		5 x 5 Boxed Hearts.
			1" and 2" crating, Basswood, Elm and Hardwood.

*Send us your enquiry for special sizes in new stock.*

## THE PEDWELL HARDWOOD LUMBER COMPANY

FT. SPADINA AVE., TORONTO

**Send for This new Booklet To-day**

A new booklet has been prepared on "How to Finish British Columbia Woods". It also contains other information of interest to all who would build.

As there is a large demand for these booklets and the supply is limited an early request for them is advisable.

**British Columbia Lumber Commissioner**  
51 Yonge St. - Toronto

**The Smile of Satisfaction**

Know what real satisfaction means by giving McDonagh Lumber a trial. Wholesale Hardwoods (Native and Foreign), Crating Spruce, Pine and Hemlock, Canadian Birch, Basswood and Maple.



*Every Shipment Guaranteed*

**The McDonagh Lumber Co.**  
226 Confederation Life Building, TORONTO

**Planing Mill Stock****CYPRESS**

Soft, Dry Stock, Finest Grades—  
All Thicknesses—4/4, 5/4, 6/4, 8/4, 10/4, 12/4

**Yellow Pine Finish**

Kiln Dried, Soft, Short Leaf Kind

Stock Widths  $\left. \begin{matrix} 4/4 \\ 5/4 \\ 6/4 \\ 8/4 \end{matrix} \right\}$  by 4", 6", 8", 10", 12"

Also OAK, ASH, POPLAR, GUM

**WISTAR, UNDERHILL & NIXON**

Real Estate Trust Bldg., Philadelphia, Pa.

**ROCH JULIEN  
Lumber**

Always on hand a large quantity of

**Pine, Spruce, Birch, etc.**

Freehold land, Timber limit for sale

*Send your enquiry*

MORIN BUILDING,

QUEBEC CITY

**British Columbia**

Lumber and Shingles

Best Grades—Mill Prices—Prompt Shipment

**THOS. N. PHILLIPS**

Royal Bank Building

Toronto, Ont.



# Quality Products You Can Depend Upon

DRESSED JACK PINE AND JACK PINE LATH  
SPRUCE SIZED HEMLOCK  
1" HEMLOCK BOARDS

## LARKIN LUMBER COMPANY LTD.

236 CONFEDERATION LIFE BUILDING - TORONTO

### AUSTIN & NICHOLSON LIMITED

CHAPLEAU, ONTARIO

Lumber, Lath, Ties, Pulpwood.

Quick Dressing and Matching in Car Lots  
a Specialty.

Mills at DALTON, NICHOLSON, DEVON

### Short Leaf Yellow Pine Finish

American Chestnut, Oak, and Poplar

California Redwood and White Pine  
in shop and clear. ALWAYS IN TRANSIT

Clear & Clear Face Norway 4/4 & 8/4"

THE EASTMAN LUMBER COMPANY, LIMITED  
38 Sun Life Building, Hamilton, Ontario Phone Regent 162

### BOOKS FOR SALE at Special Prices

Baughman's "Buyer & Seller." The handiest labor-saving book for lumbermen ever devised. Desk size, 300 pages, \$3.50. Pocket edition, 188 pages, \$1.50.

"Climax" tally book, bound in sheep, with hand strips. Size 4 1/4 x 8 1/2, 110 pages. Price \$2.00.

"Scribner's Lumber and Log Book," 1921 edition, price 75c.

"Seasoning of Wood," a Treatise of the Natural and Artificial Processes Employed in the preparation of Lumber for Manufacture, with Detailed Explanations of its Uses, Characteristics and Properties, by Joseph Wagner. Published by D. Van Nostrand Company, in 1917. 274 pages, illustrated. Price \$3.00.

"The Kiln Drying of Lumber," a Practical and Theoretical Treatise, by Harry Donald Tiemann, M.E., M.F. Published by J. B. Lippincott Co. 316 pages, illustrated. Price \$5.50.

Canada Lumberman 347 Adelaide Street West  
TORONTO

## Everything in Lumber

The  
McLennan Lumber Co., Ltd.  
Office and Yard: 21 Dorchester Street W., Montreal  
P.O. BOX 1854 PHONE PLATEAU 1300

## Power Lumber Company Limited

Successors to River Ouelle Pulp & Lumber Co.

Manufacturers of

# SPRUCE

Lumber Lath Pulpwood

Head Office and Mills at:

St. Pacome, Que., Canada  
On Can. Nat. Ry. 75 Miles East  
of Quebec City

Also Mills at:

Lapointe, Riv. Manie, Powerville  
and Ste. Apolline  
On Edmunston Div.—Can. Nat. Rys.



**The Harris Tie & Timber Co., Ltd.**  
**The C. E. Fleming Tie & Lumber Co., Ltd.**  
**The Poupore Lumber Co.**

Railway Ties, Cedar Poles and Posts, Lumber, Lath, Shingles, Pulpwood

197 SPARKS STREET

OTTAWA, CANADA

**H. R. Goodday**

AND COMPANY

EXPORTERS OF

**SPRUCE AND  
PINE**

New Brunswick Agent

**F. E. NEALE,**

Chatham, N.B.

Head Office: **QUEBEC, P.Q.**



For Prompt Delivery of  
**Hemlock, Spruce, Lath  
Pulpwood and Hardwoods**

**Dressed and Ripped to Order**

We specialize in Hemlock and Spruce  
Timbers and have excellent facilities  
for quick shipment—rail or water  
delivery.

*Tell us your requirements*

**Fassett Lumber Co., Limited**  
**Fassett, Quebec**

F. N. Waldie, President.

R. S. Waldie, Vice-President

W. E. Harper, Secretary.

**The Victoria Harbor Lumber Co., Ltd.**

Manufacturers of

**Lumber and Lath**

Mills at Victoria Harbor, Ont.

HEAD OFFICE,  
12-14 Wellington Street East, **TORONTO, ONT.**





# Lumber and Kraft Pulp

*EASY BLEACHING SULPHITE PULP*

SPRUCE AND WHITE PINE

## The Bathurst Company Ltd.

BATHURST, N. B., CANADA





# SCOTT, DRAPER & COMPANY

11 SAULT AU MATELOT STREET, QUEBEC.

## PULPWOOD, LUMBER AND TIES

LET US KNOW YOUR REQUIREMENTS

WRITE, WIRE, OR PHONE

### WILSON BROS.

*Wholesale Lumber*

WOODSTOCK - ONTARIO

All kinds of Sawm Lumber  
Your enquiries solicited.

We are open to consider offers on cuts of Jack Pine, Spruce, Hemlock and White Pine. Also standing Rock Elm. Quote us on any Lath you have to offer.

Can supply No. 1 Com. & Btr. Rock Elm, 4/4, 5/4, 6/4, 8/4 and 10/4. Quotations upon application.

### Thompson Heyland Lumber Co.

123 Bay Street - - - Toronto

For Sale

Everything in Dry Hemlock Lumber.  
500 M. 1 x 4 x 5 x 6 in choice Merchantable Spruce.

Wanted to buy

2 million feet Spruce, Jack Pine and Hemlock for spring delivery.

10,000 cords of Spruce and Balsam, peeled pulpwood.

10,000 cords peeled poplar.

50 M. Ties in Cedar, Hemlock and Jack Pine.

Will make the necessary advances.

### GILLIES BROS., LTD.

BRAESIDE

ONTARIO

## WHITE PINE

RED PINE  
SPRUCE

*Dry Stock*

*Well Sawm*

*Prompt Shipment*



### Greig-Morris Limited

411 Manning Chambers, Toronto, Ont.

Write for our prices on

Merchantable Spruce, White Pine Culls

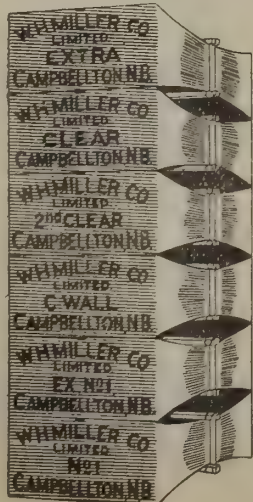
*Nice Dry Stock*

Also

B. C. Rough & Dressed Finish and

Cedar Shingles

*Quality Stock*



## The Same Good Quality

that makes these New Brunswick White Cedar Shingles famous is still found in every shipment that leaves our plant.

If you want to get the reputation of selling something really good this is the kind to handle. Made by

### W. H. MILLER CO. LIMITED

Campbellton, N. B.

We also manufacture Spruce and Pine Lumber, Lath, Cedar Tiles, etc.



We have Everything in  
**YELLOW PINE & CYPRESS**

ALSO SOUTHERN HARDWOODS

MILLS:—STURGIS AND LAKE, MISS.

**FRANK H. HARRIS LUMBER CO., LTD.**

EXCELSIOR LIFE BLDG.

TORONTO, ONT.

Herbert F. Hunter, Vice President  
**THE HUNTER LUMBER CO.**  
 INCORPORATED  
 New Britain, Conn.  
**WHOLESALE LUMBER**

**WANTED**

$\frac{3}{8}$ " x  $1\frac{1}{2}$ " x 4' Spruce Laths No. 1 also No. 2.  
 $\frac{3}{8}$ " x  $1\frac{5}{8}$ " x 4' Spruce Laths No. 1 also No. 2.  
 1" Matched Spruce Boards.  
 2" x 3" to 2" x 12" Spruce Random Lengths.  
 3" x 4" to 3" x 12" Spruce Random Lengths.  
 4" x 4" to 4" x 12" Spruce Random Lengths.

**FOR SALE**  
**Spruce Timber**

50 million feet of Spruce, 25 million feet of Hardwood and 100,000 cords of Superior Pulp. Some of the very best growing in the United States. Lands easily operated summer or winter. Mostly approached by state highways within 6 miles of railroad. Opportunity for large operations or several small.

Address,

**Robert Kent James**  
 220 Washington Street  
 Boston, Mass.

**Good Will**

—a mighty valuable asset to your business and something that cannot be built up in a few days. It is the result of painstaking efforts to give the customer just a little more than he expects—keeping the quality of your products standard—and backing up every word of your advertisements. In short, it's Service—Real Service—that builds Good Will.

**Gloucester Lumber & Trading Co.**

Manufacturers of

**SPRUCE AND PINE LUMBER, LATH  
 SHINGLES AND RAILWAY TIES**

**Quality**

Well Graded  
 and  
 Manufactured

**Service**

Prompt  
 and  
 Reliable

Mills at Bathurst, N.B., Burnsville, N.B.

Head Office:—Bathurst, N.B.



## Hardwoods Wanted

We are in the market for  
Birch, Maple and Basswood  
for immediate shipment.

**The Kinnon Lumber Company Ltd.**  
454 King Street, West      TORONTO

## JAMES C. McCUAIG & CO.

Lumber, Logs, Telephone,  
Telegraph Poles  
Railway Ties, Pulpwood

410 Union Bank Building  
**OTTAWA      ONTARIO**

CABLE ADDRESS:      Codes:  
"LUMBEROLL"      A B C 5th EDITION  
ZEBRA CODE 3rd EDITION

*The*  
**Rolland**  
**Lumber Co.**  
LIMITED

WHITE PINE AND SPRUCE

Export and Domestic

62 St. James St. Montreal, Canada

## FRASER BRYSON LUMBER CO., Limited

Office : Fraser Building,  
53 Queen Street - OTTAWA, Can.

*Wholesale Lumber Dealers  
and Selling Agents for*

**FRASER & CO.**  
Manufacturers

**White Pine, Red Pine,  
Spruce, Hardwood  
Lumber and Lath**

## R. Imrie Lumber Company

18 Toronto Street, Toronto

Phone Adelaide 580

We offer for quick shipment the following:

### 5TH & BTR. SPRUCE & JACK PINE

1 Car 1 x 3 & up—abt. 15% 3"—2 cars 2 x 3 & up ) Dry Stock  
2 " 2 x 3 (scant) 1 car 1 x 3 )

### SOUND WORMY & M.C. SPRUCE & JACK PINE:-

3 cars 1 x 3 & up 1 car 2 x 3 & up—Dry stock.

### 1922 CUT MILL RUN NORWAY PINE:-

Abt. 49,000 ft.	1 x 4 & up—29,000 ft.	1 x 4 & 5
11,000	1 x 6 —23,000	2 x 4
55,000	2 x 4 & up—58,000	2 x 6
50,000	2 x 8 —22,000	2 x 10 & 12
12,000	3 x 8 —24,000	8 x 8

2" 3" and 8 x 8 very heavy to 16 ft. evens lengths & widths.

### 1922 CUT MILL RUN WHITE PINE:-

Abt. 25,000 ft.	1 x 4 & up—65,000 ft.	2 x 4 & up
7,000	1 x 4 & 5 —4,000	2 x 4
6,000	2 x 8 —7,000..	2 x 10 & 12
6,000	1 x 8 & up—24,000	2 x 4 & up Mill Culls.

PRICES ON COAST AND MOUNTAIN STOCKS ON REQUEST

## Gregertsen Brothers Co.

McCormick Building .  
**Chicago, Ill.**

Yards and Planing Mill at Cairo, Ill. where we  
carry four million feet of high grade Cypress for  
quick shipment.

*We are the Cypress Specialists*



# British Columbia Lumber

*"Manufactured in Modern Mills"*

Quality Lumber in all Grades and Sizes

Specialties:—

Fir Cross Arms

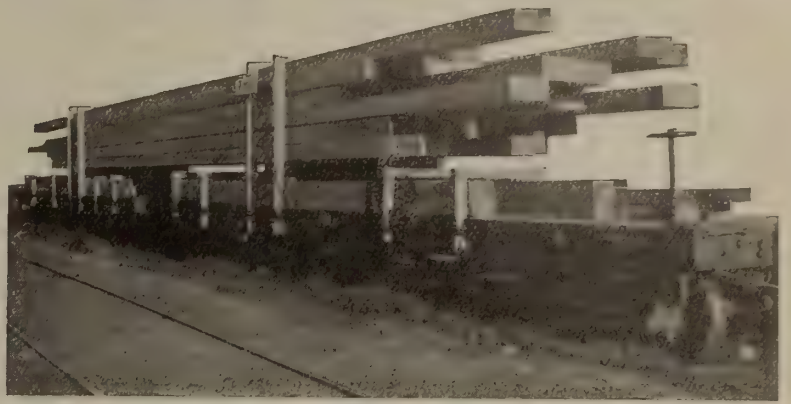
Spruce Box Shooks

Klin Dried Finish & Flooring

Rail Shipments to all parts of Canada  
and United States

## Cameron Lumber Co., Ltd.

Office & Mills - VICTORIA, B. C.



## Let us Serve You!

Long Timbers

Deep and Heavy Joists

Special Industrial Items

Rough—any size up to 110' long,  
S4S up to 16x20 x 100'

## Timberland Lumber Co., Limited

New Westminster, B. C.

Mills: South Westminster—Logging Camps: Ladysmith, Vancouver Island.  
Shipments over all railways.

### MEMBER MILLS

Alberta Lumber Co., Ltd.  
Dominion Creosoting & Lumber Co., Ltd.  
Eburne Sawmills Ltd.



### MEMBER MILLS

Ladner Lumber Limited  
Robertson & Hackett Sawmills, Ltd.  
Timberland Lumber Co., Ltd.

## Douglas Fir

## Western Hemlock

The combined resources of our Six Mills enable us to give prompt shipment of straight cars, Shed Stock, Mixed Cars, Uppers and Commons, Straight Cars Dimension, Timbers.

# Associated Mills Limited

Vancouver, B. C.

Eastern Representative: J. T. Todd

1305 Bank of Hamilton Bldg., Toronto, Ont.



## Manufacturers and Wholesalers of Canadian Hardwood and Softwood Lumber

Specializing in Rock Elm, and Oak Ship Timber. Hard Maple, Birch, Soft Elm and Basswood Lumber. We also handle B.C. Fir and Pine in all thicknesses and grades.

To mill men:

We will buy your full cut of Lumber.

Heavy Portable Sawmill with Power and Camp Equipment for sale. Terms arranged.



*"Lumber at first cost"*

**HALL BROS., LIMITED - 300 Crown Office Bldg.**

**TORONTO**

Write

Phone Main 2806  
Phone

or Wire



## Service on Your Lumber Requirements for Spring

We invite you to call on us for quotations on your requirements and can assure you that your inquiries and orders will receive our prompt and careful attention. You will find us both willing and able to satisfactorily serve you.

We are in a position to supply you with stock, the quality of which will highly please both you and your trade.

# APEX LUMBER COMPANY, LTD.

Ontario Representative: J. D. Robinson, Room 5 Imperial Block,  
Walkerville, Ont.

Vancouver, B.C.

# Thurston-Flavelle, Limited

MANUFACTURERS OF

## British Columbia Red Cedar Exclusively Cedar Bevel Siding, Finish, V-Joint and Mouldings

Our Shingles are all Packed by the "Thousand"

Straight or mixed cars with XXX and XXXXX Shingles.

Stocks carried at Lindsay, Ont., for quick shipment

Ontario Agents:

Gull River Lumber Co., Ltd., Lindsay, Ont.

Quebec and Maritime Provinces Agents:

Rose-McLaurin Limited, 2 Toronto St., Toronto.

Full particulars from our Eastern Agents.

## Head Office and Mills, Port Moody, B. C.



# WHITE PINE

All

Grades and Sizes

Large Stocks

For Immediate Shipment

Stocks at  
Pakesley  
and  
Victoria Harbour

## 5½ Million Feet Pine Logs

We will have for sale this spring about 5,500,000 feet of Pine logs.

Logs are watered in Pickerel River for delivery at the mouth of the French River on Georgian Bay.

*Write for Quotations*

**SCHROEDER  
MILLS AND TIMBER CO.**

Frank J. Archibald, Sales Representative  
Room 305 Stair Bldg. 123 Bay St., Toronto, Ont.

ESTABLISHED 1893

INCORPORATED 1916

## ROBERT BURY & COMPANY

(CANADA), LIMITED

1 Spadina Avenue, Toronto

Our Dry Kilns have a capacity for drying 200,000 feet per month. We will dry your transit cars.

All Canadian and American  
Hardwoods

MAHOGANY

WALNUT

VENEERS AND PANELS

of every description

### *THIS WEEK'S SPECIALS*

Car each 1" FAS Plain Red & White Oak.  
" 1½" x 10" & up FAS P. Red Oak Step Plank.

" 1½" FAS Chestnut.

" 1 " FAS Chestnut.

" 1 " FAS Plain Red Gum.

" 1 " FAS Figured Red Gum.

200M Mahogany & Walnut all sizes and grades

### VENEERS

MAHOGANY, OAK, WALNUT, GUM,  
BIRCH, BASSWOOD, ASH, MAPLE, and ELM

Log run or cut to dimension

### PANELS

BIRCH, BASSWOOD, ASH, MAPLE, ELM, FIR,  
MAHOGANY, WALNUT, OAK and COTTONWOOD

**We Specialize in Mixed Ship-  
ments of Dry Hardwoods,  
Veneers and Panels**

*This is a good time to conserve your capital by making purchases in this manner*



# International Land & Lumber Company Limited LUMBER AND RAILWAY TIES

Limits and Mills: ST. FELICIEN, LAKE ST. JOHN DISTRICT, QUEBEC

We offer for shipment 1st., of May, Merch. Spruce, winter-sawn. Wallace, Ont. Central Ontario Railway line.

30 M ft. 1 x 4 to 6—8/16	67 M ft. 2 x 4—8/16
22 M ft. 1 x 4—8/16	87 M ft. 2 x 6—8/16
10 M ft. 1 x 5—8/16	52 M ft. 2 x 8—8/16
5 M ft. 1 x 6—8/16	22 M ft. 2 x 10—8/16
20 M ft. 1 x 7 & W—8/16	10 M ft. 2 x 12—8/16
40 M ft. 1 x 4 & up cull spruce	8 M ft. 4 x 4—8/16

500 M ft. Dry Jack Pine Flooring siding and sheeting.

Excellent milling facilities at point of shipment.

## ARTHUR N. DUDLEY

Manufacturer and Wholesaler

108-109 Stair Building,

TORONTO, ONT.

TELEPHONE MAIN 6368

# Milling in Transit

A Well Equipped Mill

C.P., G.T., & C.N. Railway Connections

*Special Mill Work Prompt Service*

## J. R. Eaton & Sons, Limited

ORILLIA, ONT.

## A. A. Sutherland Lumber Co.

LIMITED

Oxford, N.S.

*Specialty made of dimension lumber any length up to 30 ft.*

## SPRUCE HEMLOCK HARDWOODS

BEECH, MAPLE and BIRCH

*High quality lumber, liberal grading, conscientious service  
and prompt shipment*

LET US QUOTE ON YOUR LUMBER REQUIREMENTS

## P. Beauchemin & Fils

Amos - - - Quebec

We offer the 1923 summer cut as follows:

About 5,000,000' fifth and better, Spruce and Jack Pine.

2,000,000 Merchantable Spruce Lath.

About 150,000, 2" White Pine C. Cull 1921 cut.

75,000 1" Merchantable W. Pine, 1921 cut.

Will furnish on demand quotations for MILLING Lumber in TRANSIT.

## QUICK ACTION

Can be assured if you will let the CANADA LUMBERMAN "Wanted and For Sale" department take care of your miscellaneous business needs.

We receive constant testimony from advertisers as to the value they have received from this far-reaching and inexpensive method of publicity in the lumber trade and allied industries.

Try these columns. The result will surprise you.

## CANADA LUMBERMAN

347 Adelaide St. West

TORONTO

# Dry Hemlock, Spruce and Pine

In all dimensions

1920-1921-1922 cut

Ontario and Quebec stock

## TIES AND PILINGS

Also PINE, SPRUCE and HEMLOCK LATH

*All for immediate shipment.*

## Big Bear Lumber Company

Telephones Main 651-1218-1219.

Suite 208 Excelsior Life Building, Toronto, Ont.



# Anderson, Shreiner & Mawson

ALL KINDS OF HARDWOOD AND SOFTWOOD  
LUMBER

*Specialties*  
BIRCH AND MAPLE  
All Thicknesses

MILLS AT  
KING LAKE and EAGLE LAKE, ONT.

ROOM 411, COLONIAL BLDG.  
13 KING ST. WEST, TORONTO

Write or Wire Us, or Phone Adelaide 8085

*Canadian Tie and Lumber Co.*  
LIMITED

511 Temple Building,  
Toronto, - Ontario  
Phone Main 1151.

Cutting Capacity 300,000 Ft. per Day

## J. J. McFADDEN LIMITED

Red & White Pine **LUMBER** In Any Quantities

The above is supplied by us in all standard grades and dimensions. All lumber is of guaranteed quality and grade as ordered.. Our location and facilities enable us to give our patrons the utmost in service and prompt shipments.

Mills at: - SPRAGGE, ONT. & BLIND RIVER, ONT.





# MIXED CARS

We operate our own remanufacturing plant which enables us to offer a *Better Service* on your orders for *British Columbia Lumber* and *Red Cedar Shingles*.

*Underhill*  
LUMBER CO. LTD.

Fir Flooring	Hemlock Bevel
Fir Ceiling	Siding and Finish
Rough Clear Fir (Kiln Dried)	Red Cedar
Casing and Base	Bevel Siding and Shingles.
Finish S. 4 S.	

Vancouver, B. C.



## ONTARIO

### Canada's Banner Province



Ontario's timber production last year valued at \$26,774,937 or 40% of Canada's total output.

Pine production, 905,442,000 ft. B.M  
Pulpwood, 246,282 cords.  
Railway Ties, 5,704,459.

Ontario's woodworking industries, using 34 different kinds of wood, provide a ready market for the lumberman. Eighty-two per cent. of lumber used in Ontario's industries purchased within the Province.

Ontario's vast resources offer unsurpassed opportunities to the lumberman.

For maps and full information regarding Ontario, apply to

**HON. BENIAH BOWMAN,**

Minister of Lands and Forests



# U.S. Buyers of Canadian Lumber

## The WOODSTOCK LUMBER COMPANY

131 State Street  
Boston, Mass.

Twelve Months in  
the Year

ONE way in which to render efficient service and build a strong connection is through ability to satisfy the demands of customers at short notice. In other words, it is in having the stock or in knowing where to get it without delay which establishes a clientele, broadens activities and increases turnover.

There is no better medium through which American buyers of Canadian lumber can satisfy their wants than by using the columns of the "Canada Lumberman." A large number of U. S. purchasers of Canadian stocks employ space in "Canada's national lumber journal" in order to make their requirements known and to have them supplied in the quickest period. To reach the great Canadian lumber field more can be done by means of a widely read, alert, trade publication going directly to the sources of supply and distribution than in any other way.

Acquainting the Canadian lumber industry with your wants is sound, aggressive business on the part of American forest product organizations. Leading concerns recognize this and, instead of the "still hunt," they believe in coming out and "telling the world" just what they need. The result of such wide, far-flung inquiries is that all the best and most available stocks are offered. The greater the selection presented, the better the choice. Expediency of service and mutual satisfaction are the natural outgrowth of such a progressive proceeding.

## Blanchard Lumber Company

126 State St., Boston, Mass.  
11 Broadway, New York, N. Y.

We are always in  
the market for  
Eastern Spruce  
Lath and Lumber  
by rail and by  
vessel.

Write or wire us your  
quotations

## Birch Squares Wanted

One million feet B M, sizes  $\frac{5}{8}$  to  $4\frac{1}{4}$ ", 4 foot lengths or can use any multiples to 2 feet. For delivery this spring and summer. Price wanted f.o.b. nearest railroad station and also nearest sea port.

E. B. Estes & Sons  
362 Fifth Ave., New York City

## Stilwell-Ruhlman Lumber Co.

530 Penobscot Bldg.

DETROIT - MICHIGAN

Mill Representatives  
HIGH GRADE HARDWOODS

Swain & Boggs Co.  
110 State St., Boston

Wholesale Dealers in  
Spruce—Pine—Hemlock  
Boards—Cedar Shingles  
—Lath  
Prompt Payments

E. M. Garrity-Lumber  
WHOLESALE  
89 State St. - BOSTON

Send us your offerings  
on  
Spruce, Hemlock, Pine  
Shingles and Lath

## Lath Wanted

For Detroit Delivery  
10 cars 4' No. 1; 10 cars 4' No. 2;  
5 cars 32" Mill Run—all White  
Pine.

For Cleveland Ohio Delivery  
2 cars 32" Mill Run White Pine,  
Lath must be well manufactured  
( $\frac{3}{8}$ " x  $1\frac{1}{2}$ ") and carefully graded.

Brewster Loud Lumber  
Company  
333 State St., Detroit, Mich.

## WANTED

CLEAR MAPLE 50% in  
pieces 1 x 3 x 4'  $1\frac{1}{4}$  x 2 x 4',  
50% in pieces.

CLEAR FACE MAPLE  
STRIPS,  $1\frac{1}{4}$  x 3 x 18, 27 and  
36" long. Quote f.o.b. Mill.

Will inspect and pay cash  
when loaded

Powell Lumber & Timber Corp.  
43 Davis St., Long Island City, N. Y.

## Dry Hardwoods Wanted

5, 6, 8, 10 & 12/4 Maple.  
5, 6, 8, 10 & 12/4 Birch.  
5, 6, 8/4 Basswood.  
6, 8, 10 & 12/4 Soft Elm.  
No. 2 Common & Better.

CASH WITH DOCUMENTS.  
Prompt shipment.

Miller Lumber Co., Inc.  
893 EAGLE ST., BUFFALO, N. Y.

## WANTED

15 cars  $1\frac{1}{4}$ " Winter Cut Basswood  
Log Run.  
12 cars  $2\frac{1}{2}$ " and 3" No. 1 Com.  
& FAS Soft Elm.  
5 cars each 2",  $2\frac{1}{4}$ " and 3" Hard  
Maple, No. 1 Com. & FAS.  
10 cars Birch logs, good size and  
quality. Write

Conroy-Buchanan Lumber Co.  
Jamestown, N. Y.

## GODFREY LUMBER COMPANY Wholesale Lumber

60 Congress St.  
BOSTON

51 East 42nd Street  
NEW YORK

EASTERN LUMBER BY CAR OR CARGO  
LATHS SHINGLES

Southern Pine Flooring, Finish and Roofers, Maple, Beech,  
Birch, Oak Flooring, Pacific Coast Lumber and Shingles

## Wanted to Buy

5 cars 4' No. 2 White Pine  
Lath.  
5 cars 4' No. 3 White Pine  
Lath.  
5 cars 4' No. 3 Red Pine Lath.  
5 cars each 2 x 4—16', 2 x 4—  
10 to 16 and 2 x 8—12'—14'  
—16' Jack Pine or Spruce.

Duttweiler Weiler Lumber Co.  
413 The Arcade, Cleveland, Ohio



# Mason, Gordon & Co., Limited

80 St. Francois Xavier St.

(Wholesale Only)

Montreal, Que.

**British Columbia Products**

**White Pine and Quebec Spruce, Fir Doors**

(Carload Lots)

Vancouver Office:

Pacific Building

Hubert C. Gordon

Representative

Exclusive Representatives

Quebec and Maritime Provinces

B.C. Mills, Timber & Trading Co.

Vancouver, B. C.



**WE** conduct an extensive trade in Spruce Lath Cedar Ties and New Brunswick Cedar Shingles to the South American and British markets. Docking facilities are unexcelled.

Correspondence invited

## CHALEURS BAY MILLS

Main Office and Mills at  
Restigouche, Que.

Cable Address: Chalbay, Portland, & Restigouche, Que.

Portland Office  
31½ Exchange St.

# Dry 1x6 Merchantable Hemlock

## W. C. EDWARDS & Co., Limited

OTTAWA

--

CANADA



# Story Lumber Co., Ltd.

## Wholesale Lumber Dealers

Pine Spruce Hemlock Hardwood

Head Office: 701-703 Hope Chambers,  
Ottawa, Canada

Branch Office: 30 St. John Street, Montreal, Que.

Cable Address  
'BENLUMCO'

Codes used  
ABC 5th Western Union  
Universal

# Bennett Lumber Co., Limited

## Manufacturers and Exporters

Spruce, Pine and Hardwood  
Lumber

American Hardwoods & Mahogany

11 St. Sacramento St. MONTREAL, P.Q.

# Sidney Mills Ltd.

SIDNEY, BRITISH COLUMBIA

Manufacturers of Fir, Hemlock, Cedar  
and Spruce Lumber.

Rail and Cargo Shipments.

Selling Agents :

## McElroy Lumber Co., Limited

(G. H. Walton J. Lightbody D. A. Matthew)

Exporters and Shippers  
of

Mixed and Straight Cars of  
all B. C. Forest Products

VICTORIA, B.C.

Ontario Representative :

J. L. NEVISON & C. J. BROOKS,  
7 Adelaide St. W., Toronto, Ont.  
Phone Adel. 7718



TRADE MARK



View of our recently rebuilt modern planing mill.

# BUY B.C. FIR and HEMLOCK

We solicit correspondence and inquiries from

## THE EASTERN CANADIAN TRADE

For fir yard stock, B. C. or Hemlock Shiplap and  
Boards, timbers any size and length up to 90 feet.

We also specialize in mixed cars of high-grade fir  
uppers and mouldings and are also manufacturers  
of fir doors.

Robertson & Hackett Sawmills, Ltd.

Established 1888

Mills and Office : FALSE CREEK, VANCOUVER, B.C.

Made  
in  
Canada



## POSITIVELY NO FLIES OR MOSQUITOES when using "FLY TERROR"

the only fly repellent on the market used with satisfaction  
by all lumbermen and bushmen.

The largest lumbering concerns are providing their men  
with "Fly-Terror", during the drive and they all agree to  
say that it is a "money saver."

Special prices for large quantities—Send your order in  
advance for spring delivery.

The Fly Terror Manufacturing Regd.  
7 Notre Dame Square, QUEBEC, P.Q.



# Excelsior Cutting Machinery

Manufactured By

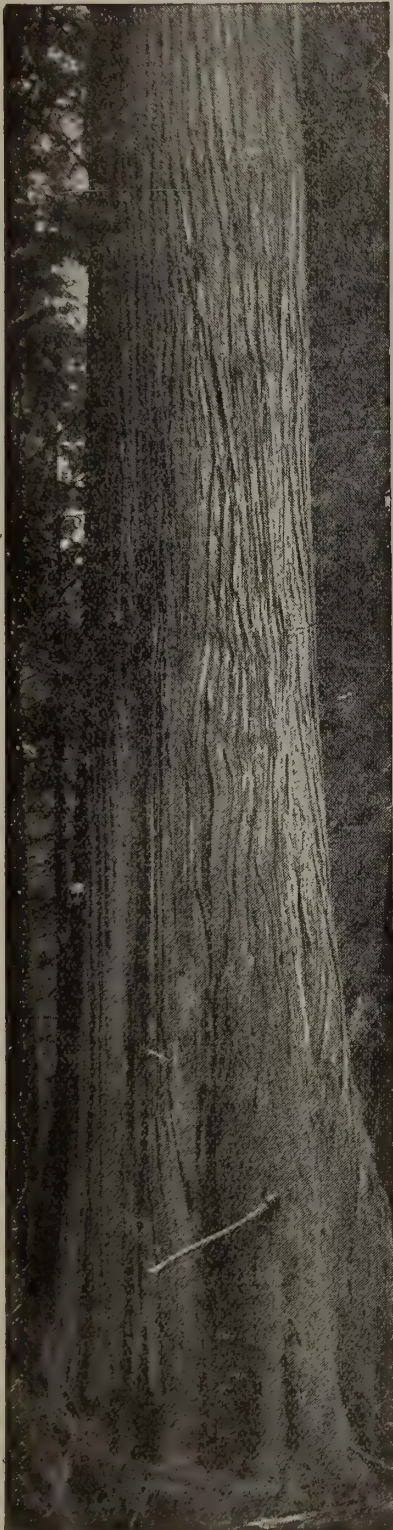
## The Elmira Machinery and Transmission Co.

Elmira, Ont.

Write for Circular and Prices



# BUY BRITISH COLUMBIA Red Cedar Shingles



The life of a British Columbia Red Cedar Shingle Roof can almost be gauged by the life of the nail with which the shingle is nailed in place. Judging from available data, the average life of the ordinary steel wire nail, which has been in such common use, is only from seven to twelve years. Some wire nails will last longer, depending upon the condition of exposure, climate and similar features, but considering our climate as a whole, at the end of from seven to twelve years a large percentage of wire nails will have rusted either completely through or so extensively that the first strong wind will complete the work. The shingles that have been held in position by such nails are then free to work down, permitting rains or melting snows to leak through and damage the interior of the structure. Examination will disclose that the fibre of the shingle itself is still in perfect condition, and a leaky roof, in the majority of occasions is due entirely to the use of faulty nails, but the average home owner, placed at such inconvenience, will not stop to reason this out and the poor wooden shingle comes in for more unjust abuse.

There are several kinds of nails which experience has proven will give lasting satisfaction, and the wise dealer will advise his customers of these satisfactory nails. A pure zinc shingle nail meets all the demands of durability required. Its principal drawback is its high cost and a slight tendency to bend under careless driving. Galvanized wire nails theoretically are rust proof, and if the galvanized coating is properly applied, and of sufficient thickness, such a nail will last as long as the shingle it holds in place. The life of this shingle roof, properly applied with these nails then is from 40 to 50 years. Pure iron nails, or the old cut or wrought nails are ideal but difficult to secure. Copper nails also constitute a perfect shingle nail.

**Timms Phillips & Co., Ltd.**  
Yorkshire Bldg., Vancouver  
Manufacturers and Wholesalers  
**Red Cedar Shingles**  
3x-5x- Perfections, Royals, Imperials  
**Red Cedar Bevel Siding**

**Vancouver Lumber Co., Ltd.**  
Manufacturers  
**XXX-XXXXX CEDAR SHINGLES**  
(B. C. Inspected)  
Head Office, Vancouver, B.C. Eastern Sales Office Toronto, Ont.

**Westminster Mill Co.**  
LIMITED  
New Westminster, B.C.  
**Red Cedar Shingles**  
**Cedar Bevel Siding**

**Dominion Timber Products Ltd.**  
Vancouver Block  
Vancouver  
Largest Manufacturers of  
**Perfection Shingles**  
in Canada

**Underhill Lumber Co., Ltd.**  
Dominion Bldg., Vancouver  
**RED CEDAR SHINGLES**  
3x-5x- Perfection and Eureka  
**CEDAR BEVEL SIDING**  
**CEDAR BUNGALOW SIDING**

**Shull Lumber & Shingle Co.**  
Limited  
New Westminster B. C.  
Trade Mark  
**RED BAND SHINGLES**  
XXX XXXXX Stars Clears  
From Mill to You

If you want a market  
for B. C. Red Cedar  
Shingles put an advertisement on this page.

**Northern Pacific Logging Co. Ltd.**  
Port Moody, B.C.  
Manufacturers of  
**High Grade**  
**Red Cedar Shingles**





# Factory Trade

Are your Factory Stocks running low?

I have some handsome lines in the following

## Sash and Door Stock

5, 6, and 8/4 4 and up 6/11 White Pine

5, 6, and 8/4 4 / 7 12/16 " "

5, 6, and 8/4 7 and up 12/16 " "

*Send us your inquiries.*

For personal service, close prices, and prompt shipment,

WRITE

**J. C. BARTRAM**  
JACKSON BLDG., OTTAWA

resident:  
Sir William Price

Established  
1882

Vice-Pres. and Gen'l Manager  
Alfred S. Gravel

# SPRUCE

and

## Hardwood

If its good **Quebec Spruce** you want we have it ready for prompt shipment.

Mail us your inquiries.

We also specialize in **Hardwood Flooring**.

## The Gravel Lumber Co., Ltd.

MANUFACTURERS and WHOLESALERS

Mills and Head Office  
Etchemin Bridge,  
Quebec

Selling Office:  
Room 501 Drummond Bldg.,  
Montreal



We Want to Buy

**WINTER  
CUT**

**HEMLOCK**

**Jack Pine**

**Spruce**

**LINTON LUMBER COMPANY**  
306 Kent Building - Toronto  
Phone: Adelaide 3607

# GOOD PINE DRY

18,000' 1 x 4/up 6 to 9 Good White Pine Shorts.

40,000' 1 x 4 to 6 10/16 " " " Strips.

30,000' 1 x 7/up " " " Sides.

4,000' 5/4 x 4 to 6 " " " Strips.

3,500' 5/4 x 7/up " " " Sides.

30,000' 6/4 x 6/up " " " Sides.

65,000' 8/4 x 6/up " " " Sides.

25,000' 1 x 6/up " No. 3 Cuts & Better.

Write for quotations.

## The Long Lumber Company

TORONTO OFFICE: - - - HEAD OFFICE:  
25 Toronto Street - - - Hamilton, Ont.





The family don't like to be called Cheesbro  
 But we don't care as long as you call us Often

**R. G. CHESBRO**

Bank of Hamilton Bldg. - Toronto

LUMBER OF ALL KINDS

**SANTERRE**

AND

**PINEAU**

**Rimouski, Quebec**

Manufacturers and Wholesalers of Lumber

Quality Service, and Delivery Guaranteed

**MILLING IN TRANSIT A SPECIALTY**



**PULPWOOD**



N.B. CEDAR SHINGLES  
 LUMBER LATHS  
 RAILROAD TIES

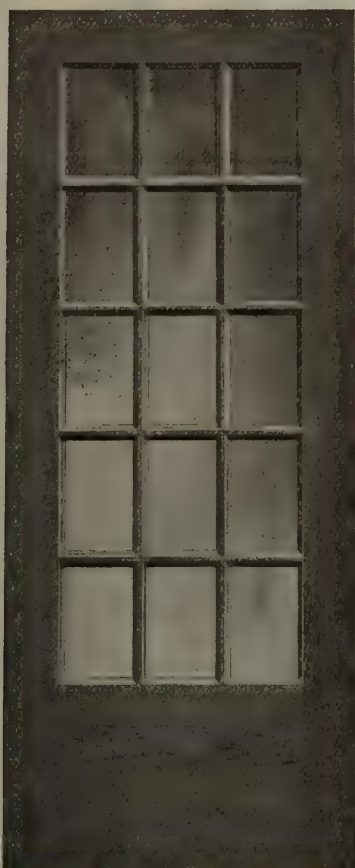
*Shipments by Rail or Water*

**ST. LAWRENCE LUMBER CO. LTD.**  
**QUEBEC, P.Q.**

OUR NAME AND TRADE MARK ARE THE GUARANTEE

Mills at Amqui, P.Q., St. Vianney, P.Q., Metabik, P.Q., Lac Au Saumon, P.Q.  
 TERMINAL AT RIMOUSKI, P.Q.





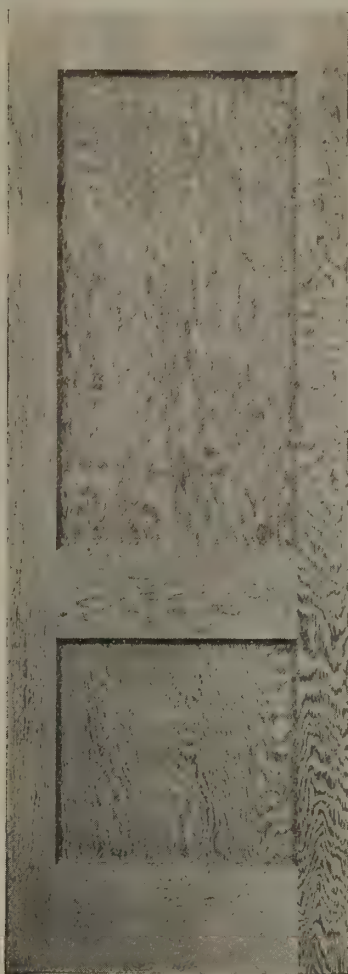
No. 491 Fir

## SIZES IN STOCK

2 - 0 x 6 - 8 x 13/8	\$6.75
2 - 2 x 6 - 8	7.00
2 - 4 x 6 - 8	7.00
2 - 6 x 6 - 8	7.10
2 - 8 x 6 - 8	7.20
2 - 10 x 6 - 10	8.15
2 - 6 x 6 - 6 x 13/4	8.10
2 - 8 x 6 - 8	8.25
2 - 10 x 6 - 10	9.00
3 - 0 x 7 - 0	9.90

"All french doors have wide bottom rail and may be cut down two inches or more."

WRITE FOR CATALOG



No. 381 Fir

## SIZES IN STOCK

2 - 0 x 6 - 0 x 13/8	\$4.25
2 - 6 x 6 - 0	4.75
2 - 8 x 6 - 0	4.75
2 - 4 x 6 - 4	4.60
1 - 6 x 6 - 6	4.50
1 - 8 x 6 - 6	4.50
2 - 0 x 6 - 6	4.60
2 - 2 x 6 - 6	4.60
2 - 4 x 6 - 6	4.75
2 - 6 x 6 - 6	4.75
1 - 6 x 6 - 8	4.75
1 - 8 x 6 - 8	4.75
2 - 0 x 6 - 8	4.85
2 - 2 x 6 - 8	4.85
2 - 4 x 6 - 8	4.85
2 - 6 x 6 - 8	4.90
2 - 8 x 6 - 8	4.90
2 - 4 x 6 - 10	5.55
2 - 6 x 6 - 10	5.55
2 - 8 x 6 - 10	5.65
2 - 10 x 6 - 10	5.75



No. 413 Fir.

## SIZES IN STOCK

2 - 6 x 6 - 6 x 13/8	\$5.10
2 - 8 x 6 - 8	5.25
2 - 10 x 6 - 10	6.15
2 - 8 x 6 - 8 x 13/4	7.10
2 - 10 x 6 - 10	8.00

Water Tables Extra 50c.

Small Lights Add  
Extra per Light 35c.

SOLID FIR DOORS  
ARE BETTER

All our fir doors are No. 1 solid edge grain stiles and rails.

—Not Veneered—

## PRICE AND TERMS

Above prices to dealers only, F.O.B. Toronto, Ont., subject to change without notice—crating extra if required at 15 cents per door—

Orders for less than 50 doors cannot be accepted at these prices

**These Prices Good for Very Limited Time Only**

Oak — Gum — Pine — Chestnut — Klimax — Birch and Redwood also in stock

**PANNILL DOOR** Company Limited

131 Front St. East

Main 623

TORONTO, CANADA





# SIMONDS

## WIDE BANDS AND LARGE CIRCULARS

**THE Steel**—the cutting edge and the tension holding qualities are combinations which go to make Simonds Band Saws and Circular Saws the most efficient for mill work. They are used all over Canada and the United States. Write us for our catalog or further details.

**Simonds Canada Saw Co., Ltd.**  
 Montreal, Que.                      St. John, N.B.  
    Vancouver, B.C.



Above: Every strand of Link-Belt Chain is tested under load before shipping.

Insert: The Link-Belt Laboratory. Years of research and experiments have enabled us to reach and maintain the high Link-Belt standards.



Showing stock of chain at one of our warehouses.


### HERE'S WHY YOU SHOULD USE LINK-BELT CHAINS

**EVERY** strand of Link-Belt chain is not only made from the best materials, but is inspected and tested under load for strength, and uniformity of pitch.

Uniform high-tensile malleable iron castings—hard smooth pins—hard smooth cored holes for pins—generous wearing shoes for dragging—uniformity of pitch,

giving good sprocket action. These are reasons why Link-Belt Chains wear longest.

Measure values in length of service, and you will find that Link-Belt Chains are cheapest in the long run.

This  mark identifies genuine Link-Belt Chain.

CANADIAN LINK-BELT COMPANY, LTD.

TORONTO—WELLINGTON AND PETER STREETS

MONTREAL—10 GAUVIN LANE

# LINK-BELT



Pioneer and Leader  
in the Industry

## Canada Lumberman

founded 1880

Recognized Authority  
for Forty Years

Vol. 43

Toronto, April 15, 1923

No. 8

## How Entire Lumber Town Was Moved by Motor Truck

*One Hundred Houses Conveyed Distance of Eleven Miles on Specially Built Trailer Which Made Wholesale Transportation Possible.—Townpeople Take Their Homes with Them to New Jobs.—House Problem was Solved when Mills were Moved.—The Way Shifting Operations were Carried on Successfully.*

At some time or other every contractor has been faced with the problem of moving a building to some other location. In every Western town it is a common sight to see houses or barns being transported through the streets with a long string of horses as the motive power.

But if a contractor was asked to figure on the job of moving an entire village, lock, stock and barrel, he might be excused if he declined to tackle it. Nevertheless, it has been done, and successfully too, without injury to the buildings, save several windows were broken by tree branches while en route.

Of late years the development of the automotive industry has made possible the moving of heavy machinery and buildings, such as would have been called impossible a decade ago. This is the story of one such feat, accomplished by the Acme Motor Truck Co., of Cadillac, Mich., which firm, by the construction of a trailer of unusual size and design, moved an entire village a distance of eleven miles over country roads.



When moving houses the roadway was just wide enough in places to allow the big trailer to pass between the shrubbery and trees

The town of Jennings, 11 miles north and east of Cadillac, was founded more than a quarter of a century ago by the Mitchell Bros. Lumber Company. A saw

mill, chemical and flooring plant gave employment to approximately 500 men. Jennings was a "company town," for though it had a number of churches, "opera house," roller skating rink, community house, band stand, jail and other civic buildings, there was but one store in the village, that a general one, carrying all sorts of supplies. About every able bodied man in the village was employed in one of the company mills. When the little town was founded, the unbroken hardwood forest surrounded the village for miles and miles in every direction. A beautiful little lake nestled among the hills, the waters of which were alive with gamey bass, pike, perch of unusual size and many other varieties of fish. Life there was almost ideal, and the needs of the inhabitants simple.

### The Mills Shut Down

But as the years rolled past, the standing timber around the village gradually disappeared before the onslaught of axe and saw, until a few months ago the last of the big trees fell and then it was only



One of the streets in the town before moving operations began



a question of time when the fires would be drawn and silence fall over the hills.

Various plans were considered for the preservation of the industrial life of the happy, contented little village, but all were discarded. Then was born the idea of moving the mills, the families and the residences to Cadillac, eleven miles southwest. Many plans were considered and rejected as impractical before the motor truck and trailer was considered. Finally W. A. Kysor, President of the Acme Motor Truck

rate of moving is about two houses every three days, or four per week. There are from 75 to 100 of these residences to be moved.

In addition to the houses both the flooring and the chemical plants are to be moved, which makes this project the most extensive of its kind yet attempted, though a short time ago a complete village was moved a distance of half a mile by horse power, but the plaster was badly cracked in most of the houses, while all of them

To give rigidity and strength to the structure, the three centre longitudinal members are reinforced with large truss rods securely anchored to the members at each end and supported at equal intervals by cast iron struts. The tension in these rods is equalized by a series of turnbuckles. All frame connections, gussets, braces, etc., are hot riveted, the entire frame reflecting the skill of our structural workers.

The platform at the forward end of the frame is raised 18 inches above the trailer. It is constructed of channels, I-beams and plates, and substantially braced with diagonal members to the forward transverse member of the trailer proper in order to eliminate side sway. This platform is connected to the trailer frame by means of heavy gusset plates and channels of sufficient strength to safely transfer approximately 25 per cent of the weight of the trailer and load to the rocking fifth wheel mounted on the truck.

#### Unique Type of Running Gear

At the rear the trailer is carried on four cast steel truck wheels, all abreast, equipped with 40 x 6 dual truck tires. The wheels are arranged in pairs, each wheel operating on tapered roller bearings supported by a tubular steel axle shaft. The shafts of each pair of wheels are bolted together at the center through a large steel casting which is supported by an extra heavy wrought iron pipe extending through it and at right angles to the shaft. Heavy steel pillow blocks at either end of this pipe support the weight of the trailer and load through coil springs, attached to the trailer frame. This unique construction not only cushions the load, but successfully provides for road inequalities, which is very essential when taking into consideration that the distance between the outside wheels is approximately 11 feet.

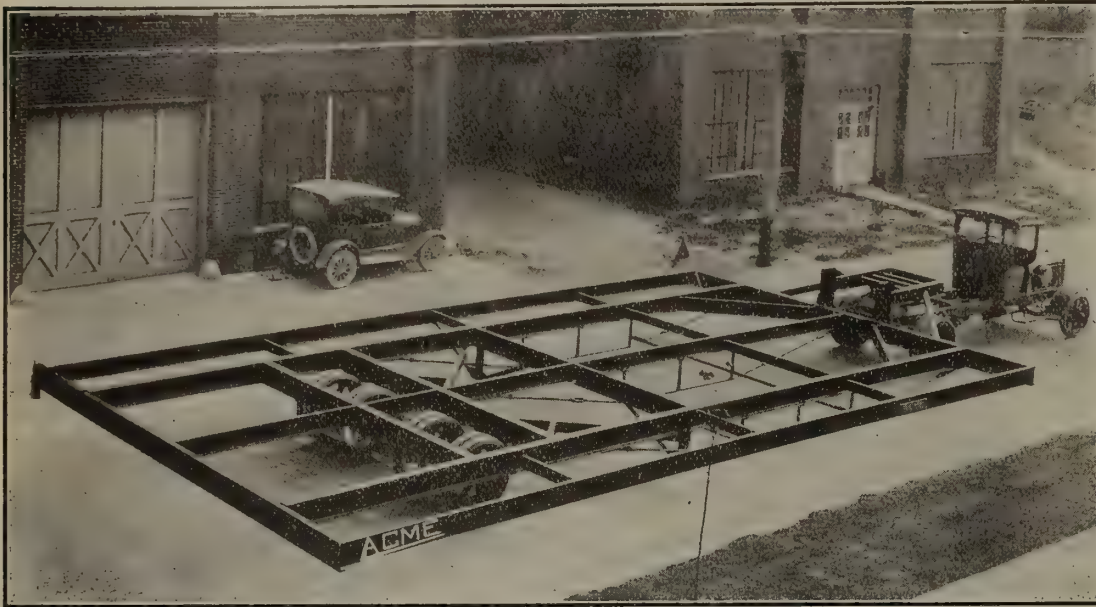
To relieve the springs from driving stresses, a radius rod with flexible connections is provided for both sets of wheels, the forward end of which is secured rigidly to the trailer frame and the rear end fastened to the end of the wrought iron pipe through a swivel connection.

In order to maintain perfect alignment of all four wheels, the wrought iron pipes supporting the axle shafts are tied together by a system of flat bars secured to the trailer frame and so arranged as to compensate for spring deflection.

The distance from the top of the trailer frame to the ground is approximately 40 inches when the trailer is loaded.

The house is raised by a series of jacks located at each side. The two outside longitudinal members of the trailer which are bolted on, are removed. The trailer is then backed under the building and the house is lowered until it rests evenly on the trailer frame. The side members are replaced if it is found necessary, and the unit is ready for its journey.

The motive power for this big contract was a standard Acme Model 125 chassis, equipped with a Continental motor, which develops 55 h.p. actual break test. This power, together with a gear reduction of approximately 71 in first speed, easily negotiated a 6 per cent grade, 600 feet long, over a gravel road with a 35-ton load on the trailer.



The big trailer designed and built especially for transferring the homes of the people. Its construction excited much interest and many guesses were made as to its intended use before the real object was disclosed

Company, submitted a plan to the lumber company, which was accepted, and the gigantic trailer illustrated was built.

The next thing to be considered was the road over which the many big loads would have to pass. About 8 miles of the distance is over the Michigan Trunk Line, the rest of the way over a fairly good dirt road. Considerable work had to be done on this highway, the road bed widened at a number of points, and in all cases of this kind, heavy planks or timbers were laid smoothly to make a level roadway. A bridge across the Clam River was widened and reinforced. In the village, entire streets were paved with heavy green planks to sustain the weight of the load, as the soil there is largely loose, soft sand.

#### Breakage Practically Nil

The houses to be moved vary in size from 24 x 30 to 24 x 40 feet. Many of them have hardwood floors, all are a storey and a half high, well built, comfortable and arranged for convenience. The weight of the houses is from 15 tons up. The windows are left in all of them, and so perfectly was the trailer designed that there is not the slightest jar in any part of the journey, and not a window cracked except when passing through the city of Cadillac the limbs of shade trees along the streets broke one or two occasionally.

The 11-mile trip is made in about 4 hours, although loading and unloading and passing through the city required a longer time than that, as it is often necessary to remove the electric light and telephone wires to allow the house to pass under.

At the time this article was written the

were more or less wrenched and pulled apart.

This wholesale migration and the methods used in making it possible have attracted widespread attention and many magazines have described the methods and machinery used.

#### Description of the Trailer

The trailer is constructed with a framework of heavy structural steel beams. A channel and I-beam platform, raised 18 inches above the trailer frame, and rigidly connected to it, transfers the load at the forward end of the trailer to a rocking fifth wheel mounted on the truck. This construction eliminates all twisting stresses from the trailer proper.

The trailer frame is supported at the rear by four steel truck wheels abreast, equipped with solid rubber tires. These wheels are placed under the trailer in such a position that approximately 75 per cent of the weight of the trailer and load is carried on them, making it possible to carry a very heavy load on the trailer without overloading the truck used for motive power.

The trailer is designed to safely carry a maximum, uniformly distributed load of 35 tons, and the complete unit (trailer and truck) weighs approximately 12 tons.

The trailer proper is 24 feet wide by 42 feet long. It consists of five longitudinal members of heavy section structural steel, securely held in place by two main and four supplementary transverse beams. Diagonal cross braces are built into the frame to distribute the stresses where excessive weaving and twisting would occur.



# Lumbermen Get After Compensation Board

*Several Points Raised at Annual Meeting of New Brunswick Association  
—Officers Elected for Coming Year and Important Issues Discussed*



J. W. Brankley, Chatham, N.B.  
The Retiring President

The annual meeting of the New Brunswick Lumbermen's Association which was held on March 28th in Moncton at the Brunswick Hotel, was largely attended, representatives being present from various parts of the province. A number of interesting matters came up for discussion and among them was the application of the Workmen's Compensation Act in particular as it effects the lumbermen and also as it relates to employers generally. Freight rates and the cost of materials were also talked over and the outlook for the present year reviewed.

Angus McLean, of the Bathurst Company, Limited, Bathurst, was elected president for 1923; Howard E. Beedy, of the Nashwaak Pulp & Paper Company, Limited, St. John, was

made vice-president, and Robert W. McLellan, of Fredericton, was again appointed secretary-treasurer.

The Executive for 1923 is composed of Donald Fraser, Plaster Rock; J. Fraser Gregory, St. John; William Richards, Campbellton; Angus McLean, Bathurst; W. B. Snowball, Chatham; J. W. Brankley, Chatham; J. H. Irving, Buctouche; T. H. McEvoy, Dalhousie; George H. King, M.P.P., Chipman, and Howard E. Beedy, St. John. The new members of the Executive are J. Fraser Gregory, of Murray & Gregory, Limited, St. John, and Howard E. Beedy, of the Nashwaak Pulp & Paper Company, St. John.

## President Reviews Trade Conditions

J. W. Brankley, president of the New Brunswick Lumbermen's Association, was not able to attend but in his address reviewed many matters of importance to the industry. He sent the following message which was read:—

Let me call to your attention that this is the sixth General Meeting of the Association since our organization in July 1918. The gathering is unique in that we have not previously had the attendance of non-members at our deliberations.

I, therefore, desire to extend a hearty welcome to such lumbermen and representatives of the mining industry who have favored us with their attendance today. It is my hope and desire that they will recognize the importance of joining with us to help solve the difficulties which we jointly have to contend with. Our membership is not nearly what it should be. I would, therefore, like to urge a large addition to our numbers as a result of today's meeting. We need your assistance.

In common with others, the lumber industry from early in 1920 suffered heavy reverses. Not until about the end of last year did we begin to see signs of improvement. During this period we have suffered many business troubles, but in the whole the lumber industry has come through fairly well.

It is a pleasure to think that the year 1923 promises better results than we have been in the habit of expecting for a very long time. While prospects are not altogether clear, I think that good business judgment should show up a nice margin of profit on the year's business. We have, however, to consider the onerous extra overhead charges of the Income Tax and Sales Tax to say nothing of those irritating, exorbitant and ever present Stamp Tax and Receipt Tax, and last but by no means least the enormous burden of carrying Workmen's Compensation Cost as taxed and administered by the New Brunswick Compensation Board.

During the war, and ever since, nearly every business has had its added burden of taxation. But the lumbermen of New Brunswick and our friends in the mining business have no doubt been more

heavily hit by the charges and impositions of the N. B. Workmen's Compensation Act than any other industry. Although our efforts to mitigate this unjust and extravagant tax have not yet been crowned with success, I believe that the very considerable effort consistently put forth during my term of office to secure some measure of relief will yet bear fruit. I would, therefore, strongly recommend to my successor and the new Executive to continue this good work along lines at present contemplated, which I hope will be fully enlarged upon and explained to this meeting.

There are other and further tasks to be taken up for the general benefit of the industry. In this connection, I ask the assistance and co-operation of all lumbermen. You can assist in no better way than by enrolling as members of N.B.L.A. In "unity there is strength."

The destruction in our forests by the bud worm cannot be remedied, but our great enemy—Fire—in timber lands and plant can and should be guarded against. In this respect a great deal can be accomplished by intelligent and united effort. I hope there will be discussion on this subject, and particularly as to the advisability of fire protection being placed under the control of the limit holders.

Then there are further matters to be dealt with relating to stumpage reduction and the adoption of a more equitable scale such as the Quebec scale and methods of scaling. It would take too long, and I would weary you by going into detail on these important subjects. Sufficient, therefore, to say that these matters have received the attention of this Association which has pressed for favorable consideration on the Minister of Lands and Mines and the Government. Although we have been promised such consideration these promises have been ignored and we have, thus far, been treated with scant courtesy. Again I would recommend that we keep up the good work in these respects.

The foregoing are but a few of the tasks to be grappled with by the Association, and I think the mention of them sufficiently points out the necessity of this organization continuing as a live and active body.

I cannot close without referring to the late lamented death of one of our esteemed members—Mr. Fred Anderson. Since its organization, and until death silenced his voice, he always took an active and intelligent part in the work and deliberations of this body. His passing is a great loss. We revere his memory and express our sympathy to his sorrowing family and friends.

I sincerely regret that circumstances over which I have no control prevent me being with you today. I hope however that you will have a large and successful meeting and my best wishes are

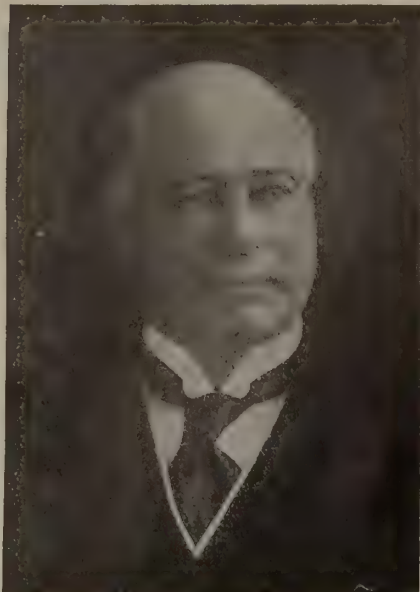


Angus McLean, Bathurst, N.B.  
Newly Elected President



R. W. McLellan, Fredericton, N.B.  
Re-elected Secy.-Treas.





W. B. Snowball, Chatham, N.B.  
Member of the Executive



J. Fraser Gregory, St. John, N.B.  
Member of the Executive



Donald Fraser, Plaster Rock, N.B.  
Member of the Executive

with you. I will close by saying that not only do I esteem the honor you conferred upon me by placing me at the head of the Association for the past year, but also that I shall continue to give it my best effort in future.

For the first time in a number of years several representatives of the mining industry met with the lumbermen, at the invitation of the latter Association, as the mining industry have been having troubles through the Workmen's Compensation Board, the same as the lumber operators.

Amongst those present at the meeting were:—Messrs. Donald Fraser, Senator Black, Miller, Priest, Burchill, O'Brien, Fenderson, Schryer, Gregory, Snowball, Sinclair, Blackball (representing Stetson, Cutler & Co.), Richards, McEvoy, Patterson, Holly, Streeter, Beedy, Irvine, McLean, Ritchie, McLellan and others identified with the lumber industry, and Messrs. A. D. Taylor, Wood and Coll representing the mining industry.

The Canadian Manufacturers' Association lately have been active and endeavoring to have the manufacturers, including lumbermen, form a general association under the provisions of the New Brunswick Workmen's Compensation Act.

The question of the lumbermen joining this proposed Association created considerable discussion at the meeting. It was finally resolved that "we as lumbermen stand apart and do not join such proposed organization but that we continue as our own Association and seek recognition thereof under the terms of this Act." The New

Brunswick Lumbermen's Association has been asking recognition of its industry under the terms of the Workmen's Compensation Act for, at least, two years, but so far without success. The Association has strong hopes, however, of being recognized at an early date. When such or any organization is recognized under the Act, Section 77 of such Act provides as follows:—

"Where any Association shall make rules for the prevention of accidents in the industry or industries represented by such Association, such rules shall, if approved by the Board, be binding on all the employers included in the class, sub-class or group represented by such Association whether or not such employers are members of such Association."

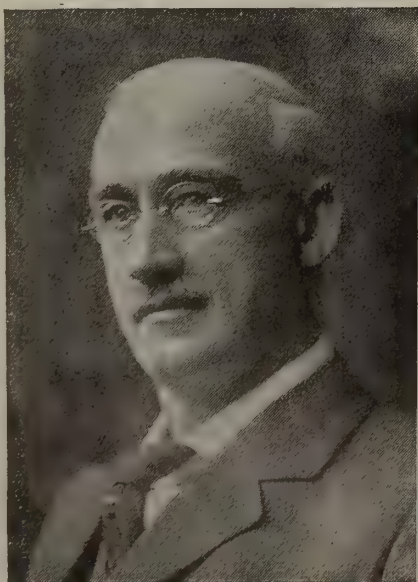
During the meeting it was pointed out that it would be of great benefit to the lumberman of the Association to be in a position to make rules and regulations for the guidance of the industry, as referred to in the section already quoted.

#### Some of the Amendments Desired

For several years the New Brunswick Lumbermen's Association has not been satisfied with the present Workmen's Compensation Board, and has appeared before the New Brunswick legislature on more than one occasion, asking for amendments covering the following:—

"(1) Board to be judicial or failing this that employ-

(Continued on page 45)



George H. King, Chipman, N.B.  
Member of the Executive



F. C. Beatteay, St. John, N.B.  
Retiring Member of the Executive



Wm. Richards, Campbellton, N.B.  
Member of the Executive



# *Economic Side of Farming and Lumbering*

*Correspondent Says that for Every Blessed Thing Farmer Buys Other Fellow Fixes the Price—How Law of Supply and Demand Governs the Value of Forest Products—Some Important Adjustments Will Have to be Made in Relative Cost of Things*

There are many economic theories and theorists at the present day. There are savants who can tell what is wrong with conditions in the world but cannot themselves remedy the existing state of affairs or correct long-standing abuses. They affirm that all of us are victims of circumstances or hedged in by restrictions and exactions which, apparently, we have no power to shatter.

In times of prosperity those resident in the city look askance at the solid, well-to-do farmer and perhaps make sinister references to the exorbitant prices obtained by the tiller of the soil for his products. Aspersions are cast upon the alleged profiteering of the yeoman who, in turn, passes the censure on to the capitalist. The capitalist tosses it to the laboring man and the latter, not to be outdone, gets after the wholesaler, the middleman or the commission chap, and thus we have a chain of incidents or amimadversion as long as Jacob's ladder.

The greatest indoor and outdoor sport at the present day is "passing the buck." Some may term it side-stepping and others putting the onus on the other fellow. The result is the same. Dodge duty or shift responsibility on someone else, and in case anything goes wrong, be sure you get out before the collapse comes. Follow the lines of least resistance and look out for No. 1, and if the hindmost is not quite so lucky, why he is to be pitied. How often the platitudinous remark is made,—“Oh well! He has only himself to blame. He should have known better.”

## **Makes Plea for Canadian Farmer**

All this, however, is aside from the economic question of who regulates the prices for the commodities that are bought. Is it the trusts or monopolists, the manufacturer, the wholesaler, the consumer, the foreigner, the labor unions, outside competitors or the old problem of supply and demand. Everyone is inclined to believe that his own theory is correct and that he can put his finger on the vital spot.

A leading captain of industry, writing the "Canada Lumberman" the other day, drew attention to a phase in business conditions very similar to the point raised by J. F. M. Stewart, of Toronto, in an address before the Wholesale Lumbermen's Association in October last. Mr. Stewart at that time made a strong plea for the farmer and for increased immigration. In order to lighten the burdens of Canadian taxation, he said that if we could induce two million people to come to the shores of the Dominion within the next ten years—and this was by no means a wild wish—it would reduce our per capita debt 20 per cent, would increase our national production 25 per cent and would add to the earnings of our railways 25 per cent. He maintained that Canada, being a country of enormous distances, must have the cheapest possible freight rates, not only for grain but for general merchandise, and that one highly organized class of labor had no right to stifle the business of the whole country.

All this leads up to another observation made by a well-known captain of industry from the State of Michigan, who, in writing the "Canada Lumberman" the other day on the condition of rural communities, said,—“To be sure wheat prices are better than they used to be. Wheat is selling to-day for less than cost, if one figures interest on the investment.”

Then the writer proceeds to present some rather startling facts to the advantage of labor and the disadvantage of the tiller of the land. “Yes,” he asserted, “the farmer never seems to realize that his cost is pretty largely attributable to union labor. For every blessed thing the farmer buys the other fellow fixes the price; everything that the farmer sells, the other fellow fixes the price. The price of his boots and shoes is fixed by labor unions of Massachusetts; his clothing by the unions of the cotton spinners, the woolen workers and worst of all the garment makers; everything that is shipped into him or shipped out, the freight rates are fixed by the labor unions. These hogs make everything high that they have to sell and they kick and raise hob if the food is high that they have to buy. The farmer's coal price is fixed by labor unions, and yet with

it all the farmer never seems to revolt and he generally turns in and votes or works with some labor union, fancying that they are pals of his instead of enemies. One of these days the farmer will wake up and these labor union chaps will have to take the same medicine that the farmer has had to take.”

## **The Relative Value of Wheat**

Mr. Stewart gave utterance to the same expression when he declared that the farmer was particularly concerned with the purchasing power of his wheat. He drove home some pertinent facts by adding that it is not exactly how much a bushel the farmer receives for his wheat but how many bushels of wheat it takes to buy a binder, a suit of clothes, a pair of boots or whatever he may require. Mr. Stewart said “Take the relation of wheat to boots. Some three years ago a reasonably good pair of shoes for the use of the farmer could be purchased for \$3.00 or say, four bushels of wheat. The price went up until to-day it would probably be \$8.00 or \$9.00 or nearly twelve bushels of wheat. Owing to world conditions wheat may be too cheap or, due to local as well as world affairs, footwear may be too dear, but the fact remains that the spread between the value of the farmer's staple crop and a great many things he has to buy, is too great.” Mr. Stewart pointed out that wheat must go up or commodities go down or, in other words, values must much more nearly approach before the farmer is again a money-maker.

Using another illustration, Mr. Stewart referred to the purchase or building of a home and added,—“Take the cost of a house to-day and compare the cost in bushels with pre-war times and conservatively it would take three thousand bushels to give the farmer the same home that fifteen hundred bushels would give him formerly.”

## **Important Adjustments to be Made**

It would seem that the difficulties of the farmer to-day clearly show that there must be an important adjustment as between the profits of the farmer and the cost of living as represented by the price of manufactured goods in which labor is the dominant factor, before a healthy situation is established.

And again it would appear that the farming community has as good a right to organize into guilds, federations, associations or whatever name it may be called, as any other body. Self-preservation is supposed to be the first law of nature, and, while agriculturists have been rather tardy in adopting and recognizing the great get-together movement, they have, at least, manifested their strength and cohesion in political and business organizations, and hope in the future to have some say in fixing the prices which they receive for their products.

While the foregoing thoughts are not intended to be a defence of the farmer, still it must be recognized that the observations made by the persons quoted are worthy of serious attention. Much will, of course, depend upon the viewpoint, whether we are on the outside looking in or on the inside looking out, but the subject is worthy of discussion and analysis. It is hoped that the farmer may, before many months, receive a better price for his product, for, after all, agriculture is the greatest industry in Canada to-day. There are three hundred million acres fit for farming land in Canada, of which one-third is in farm holdings, and only one-sixth is cultivated. Two hundred and fifty million acres await the plough or tractor on the land. The value of the wheat crop in 1921 was \$931,000,000, against \$962,000,000 in 1922. When wheat strikes a high value then Canadian prosperity is at its zenith and all the other articles of business life flow full and free.

## **But What About Lumber Prices?**

In the matter of organization it has been charged by some, who are not in sympathy with any trade movement, that lumbermen come together and set the figure for their goods. In no gatherings of associations are prices of lumber ever discussed or fixed. Nothing could be accomplished in this direction because the very



nature of the great pioneer pursuit precludes it ever becoming anything in the way of a monopoly or combination. The industry in its scope is one that is globe encircling; its activities are free and far flung and know practically no boundary lines.

If a district produces a certain amount of timber, then could not the producers of that particular species of wood get together and advance the price extravagantly or speculatively? No. They cannot for they have no way of "cashing in" on the receipts or cutting a melon.

Why? The answer is simple and direct because within a few hundred miles, there are other woods equally as adaptable, serviceable and useful to take the place of the timber on which it is sought to create "a corner." The whole bottom of things thus drops out of such money-making propositions.

Prevailing quotations in the forest products arena to-day are governed by supply and demand and regulated in no other way. The hemlock and jack pine of Ontario must meet the competition of southern pine, gum, Michigan hemlock and B. C. spruce and Ontario hardwoods are up against those from the south. In this connection it is advisable to quote from an address delivered by A. E. Clark, of Toronto, former President of the C.L.A., at the recent convention in Montreal.

Along with other delegates he spoke strongly against a runaway market and speculative values. Reverting to prices on hardwood and the situation in Canada, Mr. Clark drew attention to the fact that all the cut which could be turned out in the Dominion was comparatively small and had very little or no appreciable effect on prices. He said as far as Northern hardwoods were concerned—(and the same observation may be made respecting softwoods in the Dominion) they could be substituted by Southern hardwoods of which great quantities were produced. The average yield per acre in Canada was about 1,500 feet of hardwoods while, in the South, from 3,000 to 4,000 feet were secured from each acre. Operations could be conducted for only a few months every year in the Dominion while in the South logging was practically an all the year round proposition. In the Western and other states, transportation facilities are also better by reason of the large number of branch railway lines. If the supply was short in Canada, in six weeks the South could produce enough to meet the deficiency. They were much greater producers than we were and largely regulated the price situation. In view of those circumstances it was a mistake to advance unduly the price of hardwoods or take advantage of any existing shortage which could soon be overcome owing to the reasons already outlined.

### Quebec Pulpwood Dealers Short of Cars

Quebec pulpwood brokers and shippers make the statement that their export trade with the United States continues to be handicapped on account of the shortage of railway rolling stock. They say that they have among them contract orders for approximately 50,000 cords of pulpwood for shipment to the American paper mills, which they are unable to move for want of railway cars. This does not only refer to the filling of orders from the American mills, but, likewise, Canadian plants due to the shortage of rolling stock in connection with Canadian railways, especially the Canadian National Railway System. Many freight cars are in the United States which the Canadian railways are having the greatest difficulty to get returned. The cold and stormy weather which has affected the American railways is another factor responsible for the embargoes. In the meantime the American mill purchasers of the wood are urging the Quebec shippers to move the supply they have contracted for with the least possible delay and are offering a bonus of \$1. per cord for immediate shipment.

It will be remembered that the American mills have been obliged since last fall to manufacture paper from imported pulp. This was compulsory on account of the shortage of water in the American rivers and dams, which held up the wood from reaching the intakes and grinders. These conditions have changed, the rivers are now deeper in volume of water and the mills are making paper from pulpwood. Truly realizing that their stock of wood will soon be exhausted they are anxious to replenish their supply as soon as possible from Canada, which has had the effect of an increased demand on the Quebec dealers who are doing the utmost to comply with their contracts and urging upon the railroads to help them out, with indifferent results.

In the meantime, the price of wood has advanced to \$21 per cord and the Quebec dealers are of the opinion that the figure will reach \$25 before next fall. In consequence they are not anxious to sell at present, and the Quebec brokers are buying and storing wood from the farmers in anticipation of this advance. It also appears that the Canadian pulp and paper mills are in the market to buy up consider-

able pulpwood. The Brompton Pulp and Paper Co., have purchased all the wood available along the line of the Quebec Central Railway, approximately 25,000 cords. The Donnacona Pulp and Paper Co. are buying wood in the eastern part of the Province of Quebec, in large quantities, and the Riordon Pulp & Paper Co. are also out to acquire quantities. In this connection the Quebec pulpwood dealers express the opinion that the time is not far distant when the Canadian mills will require such pulpwood supplies that there will be little left to sell to the American mills, a turn of events that is pleasing to the Quebec pulpwood selling interests who do not hesitate to state that they would rather deal with Canadian than with American mills, giving the reason that they obtain better measurements from the Canadian mills and more satisfactory financial adjustments.

The Quebec lumber firms are experiencing the same difficulties as the pulpwood dealers as regards the shipment of lumber to customers in the United States. They have a large quantity of manufactured lumber in their mill yards ready for shipment and are unable to obtain the freight car service for transportation. Their books are crowded with orders from the United States.

### Outlook for West Coast Forest Products

Respecting the demand for B. C. products in Eastern Canada, a well-known representative of a leading Coast firm in conversation with "Canada Lumberman" recently, said:—No marked change has taken place in the British Columbia lumber market within the last month. There is every indication that the confident and buoyant attitude, which has been manifest in the West since the first of the year, will continue for several months. Every tide-water mill is heavily booked with export business. In fact, there is no dearth of business from any market whatever; the important consideration is that of picking the most desirable.

The new price list which has now been fairly firm for about six weeks is still maintaining a solid front but this is no indication that the West Coast mills are making exorbitant profits. The advances in lumber have been followed by corresponding advances in log costs and it is still a difficult problem for the manufacturer to keep pace with higher log and labor costs.

There are several factors which will serve to indicate that we cannot expect any falling market for some time to come as far as the West Coast is concerned. Among these is the splendid program of building that is undoubtedly in sight this year. Then the C.P.R. have completed arrangements for the building of an immense pier which will require four million feet of Douglas Fir and which will take the best part of a year. Together with this there is the big dry dock in the figuring stage which will require five million feet. The railways are still calling for heavy quantities of car material; Atlantic schedules are still being placed at very attractive prices and the U. S. market is continuing to pay excellent prices for the upper end of the log.

Fortunately the alarm manifested a month ago in regard to a runaway market, has passed. The severe storms which have taken place all over the continent, especially in the East and North, have stopped retail buying for a few weeks and the manufacturer has been enabled to catch up with some of the business on the books. This, together with increased production, is serving to maintain a check on any abnormal tendencies that the market might be inclined to show.

The much heard of talk about the first six months of this year being good business is beginning to spread itself to talk of the entire year being favorable to everyone concerned. It is sufficient to say that there are many conditions appearing at the present time which show that the lumbermen are only on the threshold of better business and that a good twelve months is ahead of them.

The most noteworthy feature of the market at the present time is that stability can be seen in every direction and the danger of prices becoming too wild has passed.

### Better Outlook for Pulp Wood Demands

The past year was the most active in the pulpwood camps of Ontario of any since 1919-20, which was a boom period in the forest products industry. The great amount of wood taken out betokens a prosperous year. All the paper mills not only put in many camps themselves but made arrangements with contractors, logging firms and others for an unusually large cordage of pulpwood. The "wood pile" of some of the big paper organizations which was built up on a high-cost product, has in the process of production and liquidation been pretty well used up, and now far-seeing concerns believe that contracts may be safely made for fresh supplies as it is doubtful if operating expenses will be any lower than they are at the present period. The trend is all in the opposite direction.



# How Hardwood Men Would Conserve the Timber

## *Vastly Better to Conserve what Stands To-day than to Waste and Endeavor to Make it Good by Replanting Trees and Other Reproductive Measures*

An interesting statement was recently made before the United States Senate Committee on Forestry at one of its sittings, by Landon C. Bell, of the Committee on Forestry of the Hardwood Manufacturers Institute. He set forth in convincing terms what the hardwood lumbermen desire, the principal features of a policy they believed wise and for the accomplishment of which he said, they would gladly do their share. As outlined by Mr. Bell the propositions were as follows:—

They believe a wise forestry policy would contemplate as one of its principal features adequate protection of the timber areas from fire. They are of the opinion, however, that some of the measures often proposed in respect to fire protection are wrong; for example, compulsory burning of brush, leaves, laps and combustibles is often urged.

It is, they contend, indisputable that the land would be better protected, and the flow of water better controlled and reforestation would take place much more rapidly in the hardwood areas, however, it may be elsewhere, if the brush and leaves and laps were not destroyed, but were allowed to rot and enrich the land. The rate of growth of trees naturally depends to a considerable degree upon the fertility of the soil and the continuous presence of moisture. It is doubtful if any available information as to the rate of growth of our original growth hardwoods, would fairly reflect the rate of growth which would be attained by new growths of trees in territories "protected" from fires by the destruction in advance of the combustible materials upon the land, in the shape of leaves, brush, laps, and so forth, which should furnish a cover and a part of the sustenance and fertility to speed the growth of trees.

Fire should be prevented and controlled to the fullest extent possible, but the natural cover and means of fertilization should not be deliberately destroyed, because perchance serious destruction might result if the fires should accidentally occur, or stockmen or others deliberately set them out in order that better grazing might be had.

It would seem the wiser course to provide more strict patrol to protect the forest areas, and more severe penalties for deliberately or negligently causing fires.

It is believed that a system of fire patrol would be the wisest and most effective way of preventing forest fires, and if in addition somewhat stringent laws were enacted, designed to prevent and punish the causing or permitting of fires purposely or negligently, the maintenance of entirely satisfactory conditions for reforestation would be assured.

### Should Leave the Seed Trees

They believe that sufficient seed trees should be left uncut. Usually enough are left of the unmerchantable to make it unnecessary to leave any others. When, however, sufficient are not thus left, others should be selected and left uncut. The lumbermen do not believe that it would be wise or desirable for trees of all varieties to be left, but they should be confined to a limited number of the better and more valuable varieties, best adapted to growth in the particular hardwood section.

The question, however, of the practicability of private reforestation is an economic problem. The real question is, can private owners of cut-over hardwood lands continue to own them, and adopt measures in the expectation that reforestation as a private matter will ever be successful economically? Probably 75 per cent of that problem is involved in the question of taxation.

They believe that the Federal Government should on a large scale, acquire and assume the expense of reforesting lands suitable only for growing hardwood timber. But this policy should not go to the extent of depriving private parties of the right and opportunity, if they desire, to keep their lands and reforest them. If and when changes in economic conditions become such that private reforestation of hardwoods may be profitably engaged in, the Government should leave the field of such endeavor, so far as possible, to be occupied by private owners.

They believe that the same policy ought properly to be pursued to the extent found practicable by the states.

It is suggested also that a similar course may be found wise

and practicable in some instances for municipalities. In such instances the enterprise need not be confined to lands suitable only for growing hardwoods. The question of accessibility will be of importance in connection with the use thereof for parks, game preserves and refuges.

They believe that those states whose forests have been depleted in the past should give, as state enterprises at the state's expense, special attention to reforesting the areas suitable only for growing trees.

They believe that forest resources would be greatly conserved by the result of careful scientific research with a view to improving manufacturing methods through improved machinery and manufacturing processes. This field of investigation and experimentation is one which while primarily for the lumbermen is such that they individually cannot fully exhaust it. It is almost equally impossible for the lumbermen collectively to deal effectively with the subject. It is one which it would seem is peculiarly of the character to which the government through some appropriate instrumentality should give attention.

There are those who believe that in the years to come more and more hardwood lumber will be produced by the small circular sawmill operating wood lots, or comparatively small units of stumpage. The quantity produced by the circular sawmills at the present time is no inconsiderable part of the total output.

### Saving in the Kerf of Saws

The band saws cut a kerf about 1/8th of an inch thick; the circular saws have a kerf of about 3/8ths of an inch. In sawing any given quantity of logs, there is therefore a difference of about 25% in the amount of lumber produced dependent upon whether the logs are cut by a band saw or by a circular saw. Undoubtedly for every dollar the government might spend in research work on such subjects, it would secure greater returns than if invested in any other conceivable way in connection with the entire subject.

It is vastly better to conserve what we have, by elimination of waste and better utilization, than to waste and endeavor to make it good by replanting trees and other reproductive measures.

No more important enterprise has ever been undertaken by the lumber industry within its entire history than the development now going forward with such splendid progress and promise under the guidance of the Central Committee on Lumber Standards. The achievement of its purposes in respect to simplification and standardization including better grade rules and a standardization nomenclature, in other words, the development of a universal and scientifically conceived system of Lumber Standards, it is believed will result in the saving of more lumber in a decade than will be produced by reforestation processes in a century.

It is estimated that in the hardwood industry alone a better grade formulation, universally accepted would result in an annual saving of at least 500,000,000 feet through waste elimination alone.

Students of the subject have estimated that by such means we can save 1,000,000,000 feet of hardwood lumber more easily and cheaply than we can grow 100,000,000 feet.

### Improvement in Manufacturing Methods

The lumbermen favor, and believe that there should obtain a helpful, co-operative attitude toward them on the part of the government; that they should be aided and encouraged in their efforts to secure adequate statistical data in order that manufacturing processes and protection may proceed intelligently and economically instead of blindly and wastefully.

With the vast number of species of hardwoods (well over 50 of prime importance), and the great variety of thicknesses and sizes into which they are cut, it is impossible to fit production to consumption without knowledge of the volume of production, stocks, consumption and market conditions. These things are vital to the intelligent conduct of business.

A wise policy in this regard will have a most important bearing upon the immediate subject, for in the absence thereof enormous quantities of timber that ought to be conserved and utilized will be put into forms of production not needed and eventually wasted.

While the government has shown a fine spirit of co-operation



toward the farmer, the cattle raiser, and others respecting grain, cotton, cattle, etc., and aids them in every possible way by collecting and supplying at public expense currently and promptly the statistics respecting these things, yet not only does it not do anything of the kind for the lumber industry, but its policy has been one of critical opposition to the lumbermen's efforts to supply this efficiency by their own co-operative efforts at their own expense.

The policy of the government in this regard is indefensible and wrong, and should be corrected. It is not only hurtful to the manufacturers, but detrimental to the interest of consumers and the public, making waste and lack of economy unavoidable and inevitable.

The hardwood lumbermen favor a broad constructive, national forestry program. They desire that the question be settled right and be settled definitely now so far as this is possible. There is no adequate knowledge of the subject as applies to our conditions. It cannot be said that in the hardwood territories the subject is further advanced than the inception of the experimental stage.

They believe that a policy which may embody impractical plans and oppressive measures, such as are included in some of the suggestions which have been made from time to time in the past would carry within itself the seeds of its own failure and destruction, and the interests of the industry and the nation be irreparably injured thereby, and real constructive accomplishment indefinitely delayed.

At its annual meeting in New Orleans, the National Lumber Manufacturers Association adopted a resolution or declaration of principles, and statement of its views on this subject of a Forestry policy. The hardwood manufacturers approve entirely the action taken, as expressive of their views and what they believe to be the views of lumbermen generally.

### Lamentable Story of Timber Shortage

The annual report of the Department of Crown Lands of Nova Scotia was recently submitted to the legislature. The net surplus for the last fiscal year was \$33,453.45. Against the total receipts of \$41,341.21 is charged \$7,887.76 for salaries, surveys, refunds and other expenses.

In a recent editorial a Halifax paper says that there is apparently little to do now except express regret that provincial administrations during the last fifty years have practically wiped out the timber estate of the province as an asset of value and a revenue producer. If the interests of the people had been served, it adds that the timber areas would now be competing with the coal areas of Nova Scotia for first place as a provider of revenue. Notwithstanding the teaching of history, the warnings of far-sighted men and the suggestions which must have at times appealed to the successive governments of the province, improvident methods prevailed and bit by bit the asset of the people was given away until there is practically nothing remaining. The climax of the whole matter was reached last year when an announcement was made that the remaining Crown Lands were withdrawn from either lease or sale. It seems, however, that what Crown Lands remain are of no use either for settlement or lumbering.

The paper concludes,—“This is a lamentable story of the dissipation of one of the splendid heritages of the people of Nova Scotia, and nothing is being done to replace it.”

### Makes His Office Advertise His Business

There are many retailers in Ontario who know Mr. Robert C. Restrict, the present head of the Restrict Lumber Co., of Detroit, Mich., one of the most aggressive and alert retail concerns in the City of the Straits. Mr. Restrict has always taken a deep interest in the affairs of the Ontario yard men, and, at the annual meeting of the South-Western Ontario Retail Lumber Dealers' Association, held in Sarnia a couple of years ago, he gave a forceful address. He also was one of the party of 150 on the midsummer outing up the lakes last June with the Ontario, Michigan and Ohio yardmen.

Mr. Restrict's firm has just completed a handsome new office in Detroit, and every type of wood the company has for sale is embodied in the interior finish. When it was decided to erect the structure the members of the organization declared that the office building should be an advertisement of its lines of business and an edifice was planned to set forth the beauty finish and attractiveness of the various woods sold. Thus the office is proving, not only a good publicity medium but a working factor in the sales policy of the firm.

Many people have a very vague and indefinite idea of what certain woods look like and there is nothing like the eye for conveying impressions or, for that matter, closing business transactions. The Restrict Lumber Co. believed that it could do some propaganda of its own in this direction as it knew that when a builder or archi-

tect spoke of “clear oak flooring” or “No. 1 quarter-cut,” he had only a hazy conception of what it meant. The firm was of the opinion that it would be of great assistance to contractors, builders and others if a permanent display was made where every patron might easily become acquainted with the different materials and the various finishes.

The Restrict Lumber Co. has always believed in original and effective advertising. It has used readers in the daily papers and employed billboards, street car labels, direct-by-mail and other live methods. It has followed this policy from the beginning and it is one which has carried weight.

Nearly forty years ago the late Charles W. Restrict, possessing a few hundred dollars, the title to some vacant lots, a sympathetic, helpful wife and an unlimited supply of determination, decided that he would get into the retail lumber game. He found trade rather tardy at first and his complete delivery equipment consisted of a wagon and a half blind horse which remained idle in the stable a good share of the time. In the winter, after a heavy fall of snow, young Restrict would drive “Blind Betsy” around and about the yard. This made it appear as if the firm was doing a whale of a business. The resourceful lumber merchant soon became talked about and one person told others how well Restrict was getting along.

Impressions are lasting and their influence spread. What is the result? To-day the Restrict Lumber Co. has a fleet of ten motor trucks and thirty trailers which are kept busy serving the users of wood products in Detroit and environs. This article, however, is not intended to be a write-up of the Restrict Lumber Co., but to serve merely as an illustration of what force, foresight and concentration will accomplish when linked up to effective advertising and intelligently and industriously applied.

Mr. Restrict, Sr., passed away some years ago and the business is now conducted by his sons, who know how to make good use of every medium. Early in March the grand opening of the new office was held. There were eats, music and smokes, and everybody came for lunch, including architects, builders, contractors and other lumber buyers. An outstanding event was “no speeches.” The day before the reception a “Restigram,” which closely resembled an ordinary telegram, was sent out to the entire mailing list of the firm. On this message were the slogans—“Restrict Certified Lumber,” “Lumber of Lasting Quality,” “Speedy Service to All Detroit.” It was also pointed out that lumber service was given to the contractor, the builder, the manufacturer and all users “who want everlasting quality as well as price.”

### Production of Lumber in United States

Washington and Louisiana led in lumber production in 1921, according to a recent report of the Department of Commerce, which publishes preliminary statistics compiled by the Bureau of the Census in co-operation with the United States Forest Service.

Mississippi is third on the list and Oregon, which was second in 1920, takes fourth place in 1921. It is impossible to tell from the preliminary report whether this is due to actual conditions or whether the reports for the southern states are more complete.

The total lumber cut, as reported by 15,731 mills in 1921, was 26,991,798 M feet, compared with reports from 15,987 mills in 1920 with output of 29,878,360 M feet.

Comparative figures from reports follow for the six leading states and species:

	Mills	1921	Mills	1920
		Lumber Cut M feet		Lumber Cut M feet
United States .....	15,731	26,991,798	15,978	29,878,360
Washington .....	547	3,834,314	584	5,524,509
Louisiana .....	341	3,215,110	271	2,719,761
Mississippi .....	920	2,081,520	648	1,677,469
Oregon .....	390	2,026,502	659	3,316,098
Texas .....	301	1,502,333	232	1,177,436
Alabama .....	883	1,397,180	903	1,108,188

	Per cent of distribution	1921	Per cent of distribution	1920
		Lumber Cut M feet		Lumber Cut M feet
Yellow pine .....	41.4	11,165,788	30.0	8,964,313
Douglas fir .....	17.2	4,642,827	23.3	6,956,683
Oak .....	5.9	1,597,435	6.2	1,853,580
White Pine .....	4.7	1,269,697	4.6	1,377,327
Western yellow pine .....	4.6	1,244,583	7.6	2,270,898
Hemlock .....	4.4	1,195,414	5.6	1,686,320

A minister, with two lovely girls, stood entranced by the beauties of a flowing stream. A fisherman happened by and mistaking the minister's occupation, said: “Ketchin' many, pard?”

“Sir,” I am a fisher of men.”

“Well,” replied the fisherman with an admiring smile at the girls, “you sure have the right bait.”



## Grow Rock Maples on Every Hillside



During the debate on the Budget in the New Brunswick Legislature at Fredericton on April 6, Hon. C. W. Robinson, Minister of Lands and Mines, gave an address teeming with sound suggestions as well as valuable information, especially on crown lands. The Minister said that there are about five billion feet of green softwood, twelve inches and above, and about eight billion under that size on Crown lands. For hardwood the corresponding figures were four billion and six billion. He explained that as a result of the bud worm blight there were left standing about five billion feet on Crown lands and three billion on private lands. Speaking about Scott Guptill's proposal to sell the Crown Lands for \$50,000,000 or less, the minister said he would not like to give his opinion on the matter at this time. True, the revenue now received, he said, was not equal to what the interest might be on the sale price, but he expected that it would soon reach a million dollars a year. He pointed out that the lumber industry was one of the basic elements in the prosperity of the province and he was glad to say that the outlook in the business was brighter.

Hon. C. W. Robinson, Fredericton,  
Minister of Lands and Mines

ter said he would not like to give his opinion on the matter at this time. True, the revenue now received, he said, was not equal to what the interest might be on the sale price, but he expected that it would soon reach a million dollars a year. He pointed out that the lumber industry was one of the basic elements in the prosperity of the province and he was glad to say that the outlook in the business was brighter.

In answer to some criticism offered by Mr. Fawcett, leader of the Progressive party, he said, he was glad that the member had complained that the stumpage rate was too low as the government some day might wish to increase it. He pointed out that the lumbermen of the province had undoubtedly faced serious conditions in recent years. It had been pointed out that the stumpage rate in Quebec was only \$1.60, while in New Brunswick it was \$4 and \$5. When the present government took office, he said, the rate was only \$1.50, but they had gradually increased it to \$5. Last year when conditions became serious the government, on his recommendation, had made a reduction and he felt sure that no mistake had been made.

He also informed the members that the total cut in the province last year had been 191,000,000 feet or 4,974,910 pieces. The average was now about thirty-nine feet to the log and all under sized logs were included. The total cut of lumber during the last eighteen years was 4,046,000,000, or an average of 225,000,000 per year. These figures were based on the records of the Crown Land office.

The Minister said that Professor Pulling, of the University of New Brunswick, had suggested that the department in a small way take up reforestation and he was ready to make a recommendation that such be attempted. The department in this matter would co-operate with the University. The forests, he said, largely replanted themselves but there were tracts, notably along Kane's River, where reforestation could be tried. Soft woods would be planted and also rock maple. The latter was one of the most valuable native trees from the viewpoint of agriculture as its products could be handled at a season when other lines of farming were quiet.

Instead of "sheep on every hillside," he would adopt the slogan of "Rock maples on every hillside." He knew personally of one farmer who secured a greater income from the rock maple trees on his property than he did from the rest of his farm. He remarked that "instead of chasing rainbows and trying to bring into the province industries which were foreign to it, he would direct attention towards those activities which were associated with the natural resources of the province. He pointed out that it was estimated that the maple products of the Dominion of Canada had a total of twenty million dollars. There is no reason, he added, why two or three millions of that amount should not go into the pockets of the people of the province.

## Where Forest Assists to Reduce Taxes

In Switzerland 87 per cent of the forest area is held under town or some other form of communal ownership. In France, 23 per cent of the forest area is so held, and in Germany 15 per cent. In Alsace-Lorraine, nearly two-thirds of the towns own communal forests.

Many of the communal forests in Europe have been under such ownership, with continuous protection and management for many

generations, in some cases for centuries. The city forest of Zurich, Switzerland, is a classic example. This forest, called the Sihlwald, has an area of 2580 acres (about four square miles).

The known history of this forest runs back to the year 853, since which time it has been under some form of protection and management, and has continued to supply forest products for the people. The records of the forest show that in 1460 the appointment of two foresters was authorized.

It is interesting to note the comparative antiquity of forestry in Europe, in contrast with the youthfulness of this profession in America. Prof. R. S. Hosmer, of the Forestry Department, Cornell University, records that the mill in the Sihlwald employs 30 men, and that 120 more are employed in the forest itself, so that this forest alone comfortably supports a small community by itself.

A city woodyard is maintained to supply citizens with fuel. Under normal conditions a substantial profit is derived from the forest, which assists to reduce taxation.

## Lumbermen Get After Compensation Board

(Continued from page 40)

ers be granted the right to nominate one member of the Board, employees another, and the chairman to be appointed by the Government.

"(2) Where the Board refuses to recognize any Association, such Association may appeal to the Lieutenant-Governor-in-Council.

"(3) Failing the granting of Number 1 appear to be allowed from the decisions of the Board on questions of law and fact, but in all appeals on question of fact the appellant to give all reasonable security and, if necessary, be penalized to prevent unnecessary or vexatious appeals.

"(4) Board to publish all their decisions and findings and all their payments in the Royal Gazette.

"(5) A minimum charge of \$50.00 per year to be imposed on each employer.

"(6) Contribution to be made by employees on the basis of a percentage of their pay-roll to cover first aid, medical and hospital expenses for each calendar year.

"(7) Doctors to be compelled to file monthly accounts with the Board for service performed under the Act, otherwise their claims to be barred."

It was decided to have introduced a bill, endeavoring to embody in legislation as many of the foregoing headings as possible. Several members stated that they hoped to have the proposed bill in this respect not only presented at the present sitting of the legislature, but to have, at least, a part of the requirements enacted into law as amendments to the present Act.

The lumbering and mining interests are, it is said, and have been the heaviest assessed under the Act of all the industries in the province, and lumbermen particularly complain that the burden has become practically unbearable. While the mining men have no Association as such, it is probable they will unite with the Lumbermen's Association for the purpose of amending the Compensation Act, since their industry is more closely similar to the lumbermen's than any other. The proposition which manufacturers generally, including the lumbermen, favor in that the beneficiaries under the Act—the employees themselves—should make a fair contribution to the fund, was strongly adhered to at the meeting. The lumber industry is now being assessed four per cent and other industries, it was said, were assessed much less, many of them paying less than one per cent.

Other subjects talked over at the gathering were freight rates and the growing cost of materials, but no action was taken with regard to these matters.

## New Lumber Trade Directory of Coast

The fifth edition of the "A.B.C." British Columbia Lumber Trade Directory and Year Book, which is issued by the Progress Publishing Co., Limited, Vancouver, has just been published. It is a well printed volume of 215 pages and gives a complete alphabetical list of all the lumber, logging, shingle, woodworking, lath and other organizations in the Pacific Coast province. The Directory is a convenient reference book for everyone interested in the lumber trade of Western Canada.

"Who's Who in the Lumber Trade of British Columbia," which is an extensive alphabetical personal index, is admirably arranged. A great deal of other data is also furnished on the customs tariffs, the forest act of the province, the principal trees indigenous to B. C., their ranges and uses, statistic of shipments and production, the B. C. logging scale rates imposed by the Timber Royalty Act, etc. There is also a comprehensive directory of mill and camp supply houses.



## Retailers' Association for Quebec

### Enthusiastic Meeting Held in Montreal Attended by Dealers From All Over Province

A Province of Quebec Retail Lumbermen's Association will be formed. This was decided at a meeting held in the Queen's Hotel, Montreal, on April 5th. The object was to discuss the advisability of forming a provincial-wide association, the meeting being convened by the Montreal Lumbermen's Association. Fifty-two retailers and sash and door manufacturers from all parts of the province attended, these including some of the largest dealers in the province. J. P. Dupuis presided.

The idea of enlarging the scope of the Montreal Association is to secure co-operation between the dealers, it being felt that an association of this character afforded means for an interchange of views, for friendly intercourse and for promoting generally the interests of the retailers. The suggestion for forming an association was very cordially received. It was decided to divide the province into eleven districts with the head office in Montreal. Each centre will, it is proposed, from what may be termed a branch, with representatives on the general board of directors. A committee was appointed to draft by-laws and regulations, prepare reports, and to submit a report to a meeting to be held in Montreal on May 8th.

The following are the eleven districts with their representatives—Quebec City, Messrs. J. O. Chalifour and J. M. Desureau; Three Rivers, A. Dube and C. Burrill; Victoriaville, J. E. Giroux (Victoriaville) and A. A. Caron (Nicolet); St. John, V. Trahan (St. John) and J. B. Carneau (Mariville) Cowansville, J. B. Comeau (Farnham) and R. B. Stevens (Bedford); Sorel, J. Sheppard and J. D. Chenard; St. Jerome, L. E. Parent (St. Agathe) and E. Meunier (St. Jerome); St. Hyacinthe, L. P. Morin and J. Surprenant; Sherbrooke, J. O. Asselin (Bromptonville) and J. G. Ewing (Melbourne); Valleyfield, A. Cossette and J. O. Clermont.

These with the Montreal district, already organized, make up the eleven. The gentlemen named will undertake organization and propaganda work in their districts and report to the meeting on May 8th, when it is probable that the district directors will be appointed.

### Annual Outing of Ontario Retail Lumbermen

The Ontario Retail Lumber Dealers' Association will have their annual midsummer outing on Lake Ontario and down the St. Lawrence through the far-famed Thousand Islands from Thursday July 5 until Monday July 9. The well-equipped steamer "Cape Trinity" of the Canada Steamship Lines, has been chartered for the occasion and will leave Toronto on the afternoon of July 5 for an enjoyable cruise.

It is expected that there will be accommodation for about 250 and that the retail dealers, their wives and families will take advantage of the outing. Visits will likely be paid to Niagara Falls, Rochester, Kingston, Brockville, Gananoque, Presqu' Isle, Twelve O'clock Point, Trenton, Belleville, Picton and other places. One of the features of the trip will be a sail through the Bay of Quinte and the Murray canal. The entire expense of the midsummer jaunt will be about thirty-five dollars for each patron.

W. B. Tennant, of Toronto, is the chairman of the Excursion Committee, and the other members are W. E. S. Savage, Mimico; John Irvin, West Toronto; J. B. Van Dusen, Brockville; J. B. MacKenzie, Georgetown; M. R. Bogart, Chatham; W. M. Tupling, Orillia, and S. L. Lambert, Welland. The itinerary of the trip will be published later.

### More Barnjum Forestry Prizes Awarded

Prizes have been awarded in the Barnjum \$2,000.00 prize contest for the most convincing arguments in favor of prohibiting the export of unmanufactured wood from Canada, as follows: First prize for the best essay in English, \$500.00, went to J. R. Black, 33 Broadway Avenue, Ottawa. Second Prize \$250.00 to Jas. R. Dickson, of Dominion Forestry Branch, Ottawa. Third prize \$150.00 to H. C. Scott, 5 Golf Avenue, Pointe Claire, P. Q. Fourth prize \$100.00 to Fred. Barnes, Belgo Paper Company, Shawinigan Falls, P. Q. For the best essay in French, \$500.00 went to Avila Bedard, Quebec, P. Q. Second prize \$250.00 to Albert Trempe, Quebec. Third prize \$150.00 to Eugene Rivard, Quebec. Fourth prize \$100.00 to Henri Roi, Belgo Paper Company, Van Bruyssel, P. Q.

Mr. Barnjum states that the judges had a most difficult task in awarding these prizes owing to the very high order of the papers submitted, and that everyone of the contestants whether successful in winning a prize or not can feel happy in the knowledge that they have done their country a great service in assisting in the assembling

of the great mass of arguments in favor of prohibiting the export of unmanufactured wood that are contained in these 549 essays sent in from every Province in the Dominion. They not only contain page after page of unanswerable arguments in favor of an embargo but also picture the story of forest devastation and forest conditions in each district from British Columbia to Cape Breton.

Ontario contributed 185 essays. Quebec 79. Nova Scotia 130. New Brunswick 79. Manitoba 17. Alberta 20. Saskatchewan 18. British Columbia 17. Prince Edward Island 9.

These essays both in English and French will be printed in book form in a series of volumes for free distribution and will form the largest and most valuable collection of data ever published on the subject in Canada, a copy of which will be mailed to each contestant as soon as printed. Volume 1 will be off the press in a few days.

### Better Fire Protection in Northern Ontario

Considerable additions to the available equipment has been made for the coming season's work in the north by the Ottawa Fire Protection Service, according to E. G. Poole, supervisor for the Cochrane district. Some of the latest type of gasoline engines with a pumping capacity of from 350 to 400 gallons per minute, have been decided upon and these will be used to protect town and village while they also will be available for use against forest fires in the bush.

Two railway motor cars and a number of trucks will be added to the equipment and the mounted patrol will be enlarged in numbers. The permit system will not be employed in the New Liskeard area this summer, but mounted rangers will patrol the district. Motor boats and canoes will be used extensively to cover the territory.

### The Court Refuses to Grant Injunction

In a judgment given in the Superior Court, Mr. Justice Bruneau, Montreal, decided that an order for an interlocutory injunction could not be given by the court where the law provided another recourse, and he, therefore, dismissed the petition made by E. M. Nicholson in the case of E. H. Nicholson against S. Ouellette.

One of the objects of the petition was to obtain possession of a quantity of lumber over which the action had been taken, and Justice Bruneau pointed out that under the circumstances the petitioner should have taken a seizure in revendication, the aim of which would be to recover possession of the goods in question.

The petitioner stated that he had taken action against the defendant to force the latter to deliver to him 1,489,736 feet of lumber in satisfaction of the sum of \$104,281.52, which had been paid to the Bank of Hochelaga, in excess of value of lumber already delivered.

The case was to be heard in March, but since the inscription of the action the Bank of Hochelaga had taken possession of the wood and was selling part of it, petitioner declared.

Justice Bruneau decided that the petition was not founded in law and dismissed it. The petitioner had also asked for an interlocutory injunction, and this petition had also been dismissed, the costs being reserved.

Under the circumstances Justice Bruneau decided that the petitioner would have to pay the costs of both petitions.

### Mr. White Makes an Explanation

Editor, Canada Lumberman:—

In an article written by me, entitled "The Contract Physician," and appearing in the March 15th edition of the "Canada Lumberman," I cited statistics covering the disease smallpox, and mentioned that the preponderance of cases developed during the years referred to in the districts of Sudbury, Nipissing, and Temiskaming. It was stated the large French-Canadian population resident therein seemed to have provided us with most of these cases.

I wish to call the attention to those of your readers with whom I am not personally acquainted (and who may not be conversant with my views on such a subject) that it was not—and never has been my intention—to cast any reflection upon the French-Canadian population resident in the districts mentioned. Indeed, my actions during the past ten years should bear witness to this fact.

I have the utmost regard for the French-Canadian population of Ontario and believe my work among them has demonstrated a most friendly feeling. I wish, therefore, any readers who may have seen this article to be assured it is my desire to serve this nationality in the same just and sincere manner as in the past—and I believe that this feeling is reciprocated.

Yours faithfully,

Alex. R. White,

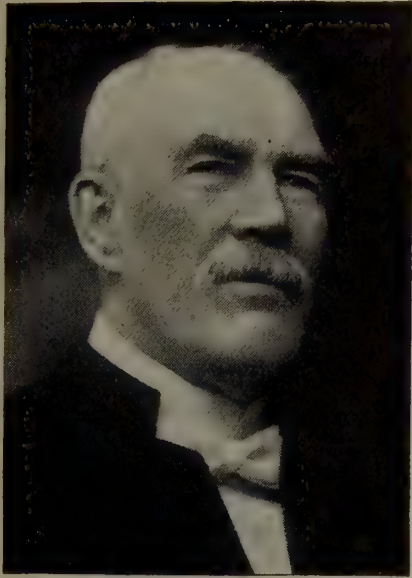
Chief Sanitary Inspector for Ontario.

North Bay, Ont.

April 4, 1923



## Hon. Mr. Kaine Joins the Silent Majority



The late Hon. J. C. Kaine, Quebec

Hon. John C. Kaine, M.L.C., a well-known lumber and pulpwood dealer, of Quebec, P. Q., passed away on April 1, after a short illness, in his 68th year. He was one of the best-known citizens of the ancient capital and had a successful business career. Mr. Kaine was born and educated in Quebec and commenced his career, when quite a young man, in shipping circles when the wooden sailing vessel and the timber trade of the port of Quebec was at its zenith. He also became a steamboat proprietor and operated sea tugs and ran passenger and freight steamers in the coasting trade. Of late years Mr. Kaine was interested in the lumber and pulpwood line and canal transportation. Previously, he was contractor for the St. Lawrence buoy

service, and carried on this work for many years between Quebec and Montreal until the federal government purchased the steamer "Shamrock," which the deceased had built at Quebec especially for this service. It is still in the government service. Mr. Kaine built a number of other vessels; some he sold and others he operated. He had a keen general knowledge of shipping and transportation matters acquired by experience and business acumen, and through his entire career, was highly esteemed for his integrity of character. Personally he was a man human in every respect, genial in disposition and ever ready to help a friend. In 1894, Hon. Mr. Kaine was chosen by the electors of Quebec West division to represent them in the local legislature, and the following year was invited by Sir Lomer Gouin, then Prime Minister of Quebec, to accept a seat in his Cabinet as Minister without portfolio, a position he occupied up to the time of his death. On the death of Hon. John Sharples, chief of the Quebec lumber firm of W. & J. Sharples, who was in his lifetime a member of the Provincial Legislature Council, Mr. Kaine was appointed by Sir Lomer to the vacancy in the Upper House, and continued to remain a member of the provincial Cabinet. As a member of this Executive body, he was greatly esteemed by his colleagues and when Hon. L. A. Taschereau assumed office, he invited Hon. Mr. Kaine to remain in his Cabinet.

Mr. Kaine was twice married, and is survived by his wife and two sons, B. J. Kaine, superintendent of Lights and Buoys in connection with the Quebec agency of the Federal Marine and Fisheries Department, and Mark H. Kaine, lumber and pulpwood dealer of Quebec.

## Annual Meeting of Hardwood Institute

The annual meeting of the Hardwood Manufacturers Institute will be held at the Blackstone Hotel, Chicago, on May 10 and 11. The Institute was organized in June 1922 as a national body of hardwood manufacturers and will celebrate its first annual, a period of about eleven months' development. The membership has grown from 70 to about 300 hardwood producers and it is said that the ranks now represent well over one-third of the hardwood lumber manufacturers in the United States. Among those, who will deliver addresses at the annual gathering will be C. H. Markham, president of the Illinois Central Railway, who will talk on organization. He is well known to the lumbermen throughout many parts of the United States.

## Newsy Jottings in the Lumber Industry

The Melrose shingle mill at Crescent Beach, B. C. was recently destroyed by fire.

The Haileybury Lumber Co., Limited, was recently granted a charter and is opening a yard and planing mill in Haileybury, Ont.

W. C. Irvin, of the Irvin Lumber Co., who with Mrs. Irvin has been spending the past few weeks at St. Petersburg, Florida, has returned to Toronto.

E. M. Barrett, of Ottawa, former president of the Ontario Retail Lumber Dealers' Association, returned home recently after spending several weeks in Miami, Florida.

Stanley Siddall, who for several years has been with the Laidlaw-Belton Lumber Co., Limited, of Sarnia, has joined the sales staff of the A. E. Gordon Lumber Co., Limited, of Toronto, and will

cover Western Ontario. Mr. Siddall is well known throughout the industry and is an aggressive salesman.

Theobald Juneau, Glenada, Que., suffered the loss of his sawmill recently when fire destroyed it causing a loss of \$20,000. The owner expects to rebuild in May.

R. Comrie, of Midland, is opening up a retail lumber yard at Scarborough Junction, Ont., under the name of the Comrie-Grierson Lumber Co.

A. S. Nicholson, of Terry-Nicholson-Cates, Limited, Toronto, left recently on a business trip to British Columbia where he will visit a number of mills and confer with the firm's western representatives.

Harry Towns, of Cobalt, who is well-known in the lumber circles of the north, spent a few days recently in Toronto on business. Another recent visitor from Northern Ontario was W. C. Thuerck, of Haileybury.

Premier Drury announced to the Legislature recently that the Ontario Government intends to have an examination made this summer of the Mississauga Reserve and its timber in order to determine if the province would be justified in building a railway into that district.

W. W. Carter, president of the Fesserton Timber Co., Toronto, and Mrs. Carter, who have been spending several weeks at St. Petersburg, Florida, have returned home. Mr. Carter, who had been in rather poor health previous to his trip to the South, is now enjoying his accustomed vigor.

J. P. M. Sibbald, who for the past twelve years has been manager of the Sturgeon Lake Lumber Co., Prince Albert, Sask., returned last month from the West and bought out the coal business of W. J. Merchant of Sutton West, Ont. Mr. Sibbald intends establishing a retail lumber yard at this point and is laying in a general stock. The yard is well located and has excellent shipping facilities. Many friends will wish him every success in his new enterprise.

P. H. Bradley, who for some years represented the Elliott Machinery Co., in Toronto, recently joined the staff of the Preston Woodworking Machinery Co., of Preston, Ont., as eastern representative of the firm with headquarters in Montreal. The Elliott Machinery Co., who are located in Belleville, have closed their Toronto office and their products are being handled from Toronto through the General Machinery Co., 67 Frederick St., Toronto.

A. J. Morris, who was for several years a member of Greig, Morris, Limited, wholesale lumber dealers, Toronto, has withdrawn from the firm and opened an office at Room 1505, Bank of Hamilton Building, Toronto, where he will engage in business on his own behalf and handle both hard and softwoods. The business of Greig, Morris, Limited, is being continued by Alex. Greig, and the firm will specialize in softwoods and B. C. forest products. C. J. Brooks, of Toronto, who is a well-known salesman, has joined the sales staff of the firm and will cover Ontario and part of New York State.

At a meeting held recently in the Board of Trade, Toronto, an organization known as the Box Manufacturers' Association of Ontario and Quebec was formed. G. R. Hunt, of Firstbrook Bros., Limited, Toronto, was elected chairman pro tem. and H. Boulton, Toronto, secretary-treasurer. There was a representative attendance at the gathering and it was decided to hold the first annual meeting of the Association in the Board of Trade Rooms, Toronto, on Friday April 27 at 10 A.M. when a president, vice-president and executive members will be elected for the coming year.

E. H. Finlayson of the Department of Forestry, Ottawa, was in Fredericton recently on business. He consulted with the provincial officials in connection with the arrangements for the Empire Forestry Conference to be held in Ottawa next Summer. While the sessions will take place in the Canadian capital, arrangements are being made for a tour of the various provinces including New Brunswick. Mr. Finlayson will also be engaged in connection with research work in New Brunswick relating to the forest nurseries.

## A Fifty-Fifty Proposition

Salome Sun

Capital is simply accumulated labor in a negotiable form, and labor is nothing but negotiable capital in an accumulated form. In a way, both are the same and you can't hurt one without hurting the other. When a man goes out and labors a day for one dollar or five dollars, he is a laborer. After supper he dolls up and goes out and spends that dollar or five dollars—and then he is either a capitalist or a damn fool, depending on what he spends it for. Equality between labor and capital is and always must be based on the fundamental principle of good wages for good work and good work for good wages. It's a fifty-fifty proposition.



# Canada Lumberman

Founded 1880

The National Lumber Journal for Forty Years

Issued on the 1st and 15th of every month by

## Hugh C. MacLean Publications

LIMITED

THOS. S. YOUNG, Managing Director

G. B. Van Blaricom, Editor

HEAD OFFICE - - - - 347 Adelaide Street, West, TORONTO

Proprietors and Publishers also of Electrical News, Contract Record,  
Canadian Woodworker and Footwear in Canada.



VANCOUVER	- - - - -	Winch Building
MONTREAL	- - - - -	119 Board of Trade Bldg.
WINNIPEG	- - - - -	302 Travellers' Bldg.
NEW YORK	- - - - -	296 Broadway
CHICAGO	- - - - -	14 West Washington Street
LONDON, ENG.	- - - - -	16 Regent Street, S.W.

### TERMS OF SUBSCRIPTION

Canada, Great Britain and British Possessions \$3.00; United States \$3.00;  
other Foreign Countries \$5.00. Single Copies 20 Cents.  
Single copies, 20 cents.

Authorized by the Postmaster-General for Canada, for transmission as  
second-class matter.

Vol. 43

Toronto, April 15, 1923

No. 8

### Will Higher Costs Deter Building?

The lumber trade generally is looking forward to a good year, partly based on the expectation that the demand for constructional purposes will be, at least, equal to that of 1922, with the probability that it will considerably exceed those requirements. Recently, however, the situation has undergone a change which may have a considerable influence on the amount of building carried out. There is a decided tendency for the prices of a large number of commodities essential to construction work to advance. Structural and reinforced steel are two notable examples of materials which have risen in value, and readers are aware of the higher prices commanded by all classes of lumber.

According to Douglas Bremner, president of the Montreal Builders' Exchange, "general increases are looked for in the prices entering into construction work following a period of abnormal price depression. Indications point to the fact that building costs are past rock bottom, and will continue to increase for some years yet." This may be an extreme view, but there can be no doubt that building will cost more than last year, not only on account of the higher prices of materials but also because of the greater outlay for labor. Men in the building trades are putting forth demands for more money and will probably obtain some increases in wages.

Will this higher cost affect building? The consideration of cost is a very important factor in determining whether construction work of all classes shall be undertaken, and experience shows that men with capital will not invest in bricks and mortar when the cost gets to a point which is generally held to be excessive. Work of an urgent character is only then contracted for. It remains to be seen whether the price of materials and labor will reach anywhere near that point this year; if it does, then there is almost certain to be a drop in the demand for lumber.

Mr. Bremner evidently is of the opinion that there will be no developments of this character, as he anticipates a very good building season, particularly in houses. He does, however, make one reservation—"The only thing that can spoil a very good building year here now would be unreasonable demands on the part of labor. We have been conducting a pretty strong educational propaganda as to the advisability of building now, and the people, who have building work to do, have responded well. If the trade unions start in now to make demands that scare off the building public, they will simply spoil their own ends. But so far as I can see, the position is fairly clear that there is not going to be any difficulty, but a general getting together is desirable so that when conditions are

favorable, the building contractors and workers can co-operate to work for a busy year."

The building trade is an important, although not the most important, user of lumber, and if general commercial conditions improve, this would probably offset any diminution in the call for lumber for construction purposes, due to generally higher building costs. At the same time, it must not be overlooked that there is a chance of this outlet for lumber not proving as satisfactory as appeared earlier in the year. The housing requirements of the people are still urgent, but they will only be adequately met, when those who are inclined to invest in this form of enterprise, can build at a price which will allow of a fair return on their money.

### What is The Real Power of a Nation?

The growth of the pulp and paper industry is of considerable interest to many readers, who are as a rule more concerned with the supply of pulpwood than with the finished product. The industry has expended at a great rate, but the end is not yet in sight. The newsprint companies in particular are adding to their productive capacity, while there are plans for new mills. Price Bros. have a heavy programme of extension; the Belgo Company, of Shawinigan Falls, have just added a new machine and ordered another; the Bathurst Company will commence operations in August; the Backus-Brooks Company have contracted for a 100-ton per day machine; the St. Lawrence Paper Mills, Limited, of Three Rivers, and the Fort William Paper Company, are now on the market with their newsprint. Besides these, the Manitoba Pulp and Paper Company propose to erect a 150-ton mill on the Winnipeg River in order to utilize the McArthur limits. Then the Armstrong-Whitworth Company have a very large scheme in Newfoundland, besides which there are one or two indefinite plans in Canada.

It is true that a considerable amount of this new tonnage will not be available for some months, but it looks as if Canada has, or will have in a comparatively short time, reached the saturation point. Such a programme naturally involves further serious inroads on the pulpwood resources of the Dominion which admittedly are not being replaced at anything like the rate at which they are being used.

Then our exports of pulpwood are increasing—a branch of trade which Mr. Frank Barnjum and others would prohibit in the interest of the conservation of the national resources. In this connection an observation by Mr. Floyd W. Parsons is of interest. "The power of a nation," he says, "lies chiefly in its natural resources of essential raw materials, and not in its man-power strength."

If that be so, then so far as pulpwood is concerned, Canada is diminishing and not increasing her power. The rise of the pulp and paper trade has affected the lumber business to a considerable extent. According to G. C. Piche, sixty per cent of the year's cut in the Province of Quebec is of pulpwood, which, of course, means that large numbers of logs, which formerly were converted into sawn lumber, are now being used as pulpwood. The proposed additions to the facilities for making papers will probably increase this percentage.

### The Varying Cost of Producing Lumber

The cost of producing lumber is always a subject of much interest and varies considerably according to different localities. In no two successive seasons do expenditures for cutting, hauling, driving, towing, rafting, sorting, etc., run the same. So much depends upon the availability and efficiency of labor, prevailing rate of wages, the outlay for camp supplies, the amount of snow, rain, heat, etc., transportation and other contingencies, that no definite figure can be given. Of course, in the case of hardwoods the outlay is much heavier than softwoods and again much depends upon the nature of the timber, the average diameter of the logs, the distance from the mill and the facilities of equipment in the way of saws, edgers, trimmers, yard distribution, etc.

A couple of years ago the "Canada Lumberman" furnished some figures on the cost of logs and of milling, the latter term being interpreted to cover the cost of converting logs into lumber in the saw-mill, and these varied almost as widely as do the estimates which are received on various jobs from woodworkers and others when tenders are invited.

A uniform standard cost system, which would, at least, be basic is a desideratum in all forest products operations. At the recent annual meeting of the Woodlands Section of the Canadian Pulp and Paper Association a splendid address on "cost accounting" for logging operations was delivered by L. W. Campbell, chief accountant of the Laurentide Company, Grand Mere, Que. A plan was submitted and endorsed by a committee appointed for that purpose and this



plan has appeared in booklet form. Several large companies have installed systems based on this system and all are well pleased with the result obtained. There is, no doubt, great waste in woods operations and there has been difficulty in the past in obtaining accurate data, but with co-operation, insight and method the difficulty will be solved.

In fixing the price in lumbering operations there must be taken into consideration the percentage of different grades that will be obtained from the timber sawn. In the virgin forest where trees indigenous to certain localities are cut up, the percentage runs very much higher than on second growth timber or where there is an assorted collection. However, a fair average has been struck so far as certain northern woods are concerned, and a late edition of the "American Lumberman" furnished an interesting table which is well worth cutting out and preserving. Here it is:—

Percentage of Different Grades of Lumber That  
Each Species Normally Produces

	Maple	Beech	Hemlock	Elm	Basswood	Ash	Birch
	%	%	%	%	%	%	%
FAS . . . .	18	15	..	25	20	15	20
Selects . . .	6	5	..	10	12	12	10
No. 1 com. .	23	22	..	22	21	20	16
No. 2 com. .	20	23	..	18	22	20	16
No. 3 com. .	33	35	..	25	25	33	35
Merch . . . .	..	..	45	..	..	..	..
Cull . . . . .	..	..	55	..	..	..	..

### United Action to Check Forest Fires

The province of Quebec government is determined to take every possible means to protect the provincial forests this spring and summer against their destruction by fire. Hon Honore Mercier, Minister of the Department of Lands and Forests, and G. C. Piche, superintendent of the Forestry Service, have given a great deal of their time and attention for several months to the question of conservation of the wooded resources of the province. One of the principal conclusions they arrive at, was that the woodlands must under every and all circumstances be guarded against the possible devastation by flame. In this regard they concluded that, in order to secure perfect protection, the bush will be closed to all trespassers from April, and no man or party of men, unless authorized and the possessor of a departmental pass, will be permitted to enter the woods. Those, who are accorded a pass, will be furnished with instructions to guard against the possibility of fire, and will be held responsible for their actions while in the woods.

The Taschereau Government, alarmed at the enormous loss in the timber limits during past years through the cause of fire, generally traceable to the careless hunter, fisherman, new settlers and others, have given the question of protection of the provincial forests their most careful consideration. The department, responsible for this work, is that of Lands and Forests, presided over by Hon. Mr. Mercier. He is determined that no effort will be neglected to put into practical effect the wishes of Premier Taschereau. To conform with the plans adopted by the government, it was decided to enter into negotiations with the provincial governments of New Brunswick, Ontario and the State of Maine for joint co-operation for the protection of the sylvan resources of these respective provinces and state.

G. C. Piche, superintendent of the Quebec Forestry Service, has already had satisfactory interviews with the representatives of the province of Ontario and the State of Maine, and before the publication of this article, will have interviewed the representatives of New Brunswick and New Hampshire. All the independent forest fire protective organizations in the Canadian provinces as well as Maine and New Hampshire will also be consulted. It has been decided to double, and, if possible, triple the forest rangers this spring and summer to guard against the possibility of bush fires.

The government also decided to organize a forest ranger school, the first of the kind to be organized in Canada, and have appointed H. Ray, a well-known forestry engineer as director. This school will open on April 15 to allow forest rangers, wishing to qualify, to start their studies which will include forest conservation and protection, etc.

### A Movement That all Should Push

In a short time the forest fire season will be upon us again with all its horrors, its destruction of real and potential wealth, its cost of property and also, perhaps its toll of human lives, writes Fred Brown of Fort Frances, Ont. All authorities on forestry and most people engaged in the conversion of raw forest products into the finished product such as lumber, lath, shingles, pulp and paper, posts, poles

and ties are agreed that Canada's supply of available timber is getting dangerously low. During the year 1922 about four thousand fires claimed 1,300,000 acres of forest. Such claims of the fire demon should not only be food for profound thought but it should arouse in every Canadian citizen a desire to prevent a recurrence.

The daily press as well as lumber journals, pulp and paper magazines and forestry publications and others have given their space and time unstinted to the teaching of the gospel of conservation. The people of Canada, who own and are trustees of about eighty per cent of Canada's remaining and rapidly decreasing forest wealth, can obtain still better results in their fight against the careless use of fires, matches and tobacco in the woods if they enlist the powerful help of the pulpit all over the Dominion, the church being recognized as a most powerful and important element in moral education. The schools and school teachers must be approached to lend a helping hand in educating the coming generations as to the stupidity and criminality of forest fires caused by human carelessness in virgin forests, and especially in second growth, from which our future supply must eventually come.

Stop forest fires of all descriptions and Canada will become one of the most favored and prosperous nations on earth; keep on burning and in less than a century Canada may share the fate of China. Which is it to be?

### If I Were a Retail Lumberman

By J. D. S.

I hope to be one some day. I would take advantage of everything possible in the way of publicity and display. I would see that I had a large sign on my fence, a neat attractive office, a dry, well laid out yard, uniform piles and a well-arranged stock. I would make my premises as inviting as possible and impart to everything an air of orderliness, thrift and prosperity.

I would avail myself of the advantages of a display or service room in which samples of everything that I carried in stock or sold would be shown to the best advantage. I would allow prospective homebuilders to come in and browse around. I would place a courteous attendant in charge of this room, if I had not time to look after such details personally. I would also secure a reliable mailing list from the city directory, the assessment roll, telephone book, contractors, builders and others, and would mail regularly, illustrated literature showing certain plans of houses, garages, verandahs, sunrooms, built-in features, pergolas, hardwood flooring, roofing materials, front doors, interior trim, etc.

I would write to manufacturers who issued literature, asking them to send me several hundred copies of their advertising matter and to have my name and address printed plainly on each leaflet, booklet, folder, etc. These I would also despatch to a carefully selected list and follow up every live prospect. I would have a booth at the fall fairs and the various exhibitions, such as own-your-home expositions, etc., which are often held in different towns and cities to show the lines of goods manufactured in their midst.

I would furnish the newspapers with timely information on the building situation, the trend of lumber values, the outlook in production and distribution and also items in reference to who were putting up new warehouses, stores, barns, garages, dwellings, etc., I would co-operate with the press to the fullest possible extent.

I would avail myself of every legitimate means of publicity that I could. I would seek to cultivate the community spirit, to spread abroad the gospel of contentment, happiness and peace by infusing into all my publicity plans the spirit of homebuilding. I would point out that the man who owns his home has a substantial interest in the city or town in which he resides. He generally evinces civic pride, plants a garden, beautifies the lawn, sets out trees and does much in every other way to impart an air of prosperity and go-aheaditiveness to the community.

I would read carefully the trade papers and note what others are doing. I would follow up any practical suggestions or timely pointers and seek to incorporate in my own business everything that was likely to extend the sphere of my operations, enlarge my list of customers and gain the attention of new residents. I would seek to strengthen the bonds between myself and those with whom I did business so that, when undertaking anything in the building line, they would come to me from force of habit, a sense of satisfactory service and a conviction that I would deal with them fairly, honorably and on a mutually satisfactory basis.



### Aggressive New Lumber Company Formed

The Thurn-Maxson Lumber Company with offices at 213 Citizens' National Bank Bldg., South Bend, Ind., has been formed. The members of the organization are George O. Thurn and Ray B. Maxson. A general wholesale hardwood lumber business will be conducted dealing in Northern and Southern hardwoods and a specialty made of Canadian birch.

These gentlemen have long been identified with the hardwood lumber business in various capacities. Mr. Thurn for many years was lumber purchasing agent for the Studebaker Corporation and for the last five years was secretary and sales manager of the Cyrus C. Shafer Lumber Company. Mr. Maxson succeeded Mr. Thurn with the Studebaker Corporation and in 1921 embarked in the wholesale



R. B. Maxson, South Bend, Ind.



G. O. Thurn, South Bend, Ind.

and commission business. In 1922 he, with Mr. Charles O. Maus, formed the Charles O. Maus Lumber Company, which they conducted for a year, and at the end of that time Mr. Maxson purchased from Mr. Maus his interest in the company. Subsequently Mr. Thurn purchased the interest formerly held by Mr. Maus and the company now is operating under the style of Charles O. Maus Lumber Company, George O. Thurn and Ray B. Maxson, owners. The company enjoy a good reputation among the consuming trade.

To bring additional personality into the company Messrs. Thurn and Maxson have formed and are operating a hardwood lumber business under the style of The Thurn-Maxson Lumber Company, which will eventually take over all of the assets and liabilities of the Charles O. Maus Lumber Company.

The Thurn-Maxson Lumber Company is the sole representative in the Central Western States for Canadian birch, elm and basswood handled by Edward Clark & Sons, Ltd., of Toronto, who have developed a splendid reputation for, integrity and dependable grades. Clark & Sons will have a production of birch alone this season of twenty million feet, a great part of which will be marketed in the United States through this arrangement.

### Excellent Demand for Hardwood Stocks

The Shortreed Lumber Co., of Kearney, Ont., have disposed of their 1922 stock of about one and a half million feet. One million feet of hardwood was purchased by M. Martin, of Huntsville, and half a million feet of softwood by Arthur N. Dudley, of Toronto. The firm have about one and a half million feet of mixed stock to cut this year and expect to start sawing about May 1st.

At Coulson, Shortreed Bros. have disposed of one and three quarter million of hardwood to the Pedwell Hardwood Lumber Co., Toronto, and expect to have out about three quarter million for this year's cut. Sawing will begin early in May. The firm are busy shipping from both yards at the present time.

### Lumbermen Should Take Time to Consider

"Go slow. In this age of rush and 'do it now'" said a Montreal lumber manufacturer, "the advice might seem out of date. Nevertheless my experience has proved it to be sound. We are sometimes called on to give quick decisions, but we are too much inclined to take snap judgments, to decide without giving due consideration to what may be the results of our judgments. In the ordinary course of business there is no need for such haste; we can afford time to

think over matters. By doing so, we are able to look at things from many angles and to weigh possibilities in a manner impossible under the 'do it now' method.

"The lumber business has of necessity the speculative aspects. We are never sure which way the market will go, and, for this reason, it is essential to consider carefully any action, especially in relation to a buying or selling policy. This looks like stating the obvious, but I have been impressed with its importance in view of the instances which have come under my notice where apparently very scant deliberation has been given to the matters in question. Even the most experienced will make mistakes, but there is no reason why one should add to the chances by taking hasty judgments."

### Budget of News From Busy East

One of the biggest lumber deals consummated in these parts for some time came to light on March 6 when it was announced that the Eastern Pulp Wood Company had purchased from the James Murchie Lands Company, lands on the St. Croix River, which during recent years have been cut by the Eastern Pulp Wood Company and the St. Croix Paper Company for stumpage. The total acreage of land involved is upwards of 57,000 acres, a large proportion of which is situated in Washington County. It is reported that the Eastern Pulp wood Company has also made arrangements to purchase from the Murchie Lands Company land in Calais.

A recent report from Chatham, N. B., is most encouraging. The lumbermen are said to be preparing for a busy season and the Miramichi Lumber Company's big rossing mill is expected to run day and night. It has been announced that their large mill at Morrison Cove will manufacture laths and shingles. The J. B. Snowball Company's mill is also being put in condition for an anticipated heavy season's cut. As soon as weather conditions will permit sawing operations will be started. This is said to be greatly appreciated by residents, who have long been waiting for the mills to resume operations and afford them employment.

Tuttle Taylor's sawmill at Brooklyn Siding, near Port Elgin, N. B., was recently destroyed by fire. A few days previous to the fire the mill had finished sawing for J. & C. Kickman Ltd. In addition to the loss of the mill a number of loaded lumber cars were a prey to the flames. The loss was estimated at \$4,000 and unfortunately no insurance was carried.

The Elwood Burt Lumber Company's mill at Burt's Corner, N. B., recently started sawing. It is the first to begin in those parts, although a number of mills has been engaged practically all winter sawing laths. Mr. Burt expects this season's output to reach 6,000,000 feet. For some weeks the mill will be employed sawing hardwood, and after this lot is finished operations will be confined to spruce.

The aims and objects of the Canadian Forestry Association, were the subjects of an interesting and instructive address delivered before the members of the University of New Brunswick a few days ago by Gerald Blythe, of Ottawa, assistant secretary of the Association. The speaker emphasized the value of publicity in forest conservation. After leaving Fredericton Mr. Blythe went to the Miramichi district where he had a number of matters to look after. He had previously been in Nova Scotia where he had been conferring with officials of the provincial government.

A meeting of the St. John River Log Driving Company was scheduled to have been held in St. John on March 4, but owing to the absence in England of F. C. Beatteay, managing director of Stetson, Cutler & Company's, Ltd., large mills, and also the absence from these parts of other leading members, it was postponed until a call from the chair.

Lumber shippers in the province of New Brunswick were elated over an announcement made public recently to the effect that there will be no building trades strike in the Boston district this spring, a settlement of differences having been reached. For the last two months the lumber industry here as well as in New England has been somewhat hampered by uncertainty as to the building trades wage situation and the result of which meant much to shippers. With this definitely settled and the embargoes removed the outlook is considered very promising to those shipping to New England markets.



# What The Lumber Trade is Doing in Canada

L. J. Menard, St. Michel Des Saints, Que., is contemplating installing a complete electric system in his sawmill.

E. J. Staniforth, of the Fassett Lumber Co., Fassett, Que., was a recent caller upon the trade in Toronto, and reports that the outlook for the coming year in the hardwood line is promising.

Rogers Supply Co., Limited, builders' supplies, who have been located at 28 King St., W. have removed to the General Accident Bldg., Bay & Temperance Sts., Toronto.

The Norwegian steamer "Pacific," left New Westminster, recently for California, carrying 1,500,000 feet of lumber for the Canadian Western Lumber Co. and 1,000,000 feet for Robert Dollar & Co.

J. P. Dupuis, of J. P. Dupuis, Limited, president of the Montreal Retail Lumbermen's Association, and J. P. Abel, of Abel, Fortin, Limited, have been elected directors of the Montreal Builders' Exchange.

P. G. Mahoney, Limited, Calhoun, Dorchester County, New Brunswick, was recently incorporated taking over the business of Patrick George Mahoney and will manufacture and deal in wood products. Capital \$199,000.

A recent despatch from British Columbia says that seven big freighters loaded cargoes at the Fraser Mills the first three months of the year, each carrying 1,000,000 to 3,000,000 feet. A considerable portion of the output has been shipped to Australia.

Stewart Rutherford, of the Redfern Lumber Company, Limited, vice-president of the Montreal Retail Lumbermen's Association, has just returned to business after about three weeks absence due to a poisoned thumb.

The Abitibi Power & Paper Co. of Iroquois Falls, Ont., has closed its winter camp. About 1,500 men were engaged in the bush during the season and most of these, who are young farmers from Eastern Ontario and the Ottawa Valley have returned to their land.

The Chinese who recently struck at the Rainbow Mill, Port Coquitlam, B.C., because a white sawyer was thrust into their exclusive circle by the management without their permission, have been replaced by a fresh bunch of Chinamen and work has been resumed.

J. A. Rowland, of the Sprague-Rowland Lumber Co., Winnipeg, is spending some time in Ontario, and it is his intention to open an office in Toronto next month. The location of the Ontario branch of the firm will be in the new Federal Building, corner of Sheppard and Richmond Sts.

It is now understood that the plan of reorganization of the Riordon companies is nearing completion and stockholders and bondholders are likely to be notified of plans for financing that will provide the corporation with new working capital. The various Riordon bond issues have shown some appreciation of late.

T. C. Warwick & Son, of Blenheim, Ont., have purchased the lumber business of F. W. Kennedy and taken possession. The firm is one of the most aggressive retail lumber concerns in southwestern Ontario. Mr. Warwick is an active member of the Association for that part of the province.

C. M. Wells, formerly of the firm of Taylor & Wells, is now in the retail lumber business in Paris, Ont., having started out on his own behalf some time ago. Mr. Wells, who was not in good health for a long time, has now regained his accustomed vigor and says the outlook for business during the coming season is promising.

W. E. Gunter, who for eight years past has been secretary and a director of Murray & Gregory, Limited, St. John, N.B., has retired from that position and gone with Shepard & Morse Lumber Co., of Gaspé, Que., where he will have complete charge of their Quebec business. Many friends will wish Mr. Gunter every success in his new sphere of operation.

The sum of \$100,000 is being expended on the Canadian Pacific Lumber Company's mill at Port Moody, B. C., which is expected to be in operation within the next few weeks. The mill has been shut down for several years and the news of its resumption of operations comes as a welcome sign of the times to the citizens of Port Moody. The Thurston-Flavelle mill is also being reconstructed and the McNair shingle plant is being worked to capacity with plenty of orders in sight.

Word received from Quebec is to the effect that a delay of nearly one month in the spring supply of food for the huge lumber camps on the north shore has resulted in considerable hardship among the unusually large number of men in the camps. Relief came in time to a number of the camps to avert a rather serious siege of hunger.

Among the lumbermen who have been spending some time in Florida, enjoying the sunny breezes of the South and have returned home are James R. Summers and wife, Toronto; W. F. Beck and wife, Penetanguishene; James Gardiner and wife, Galt; Hon. George Gordon and wife, North Bay; A. E. Gordon and wife, Toronto, and others.

D. F. MacDonald, a former well-known pioneer of Ontario, died recently at the home of his son, A. F. MacDonald, in Brandon, Man. He was 82 years of age and was one of the earliest settlers in Parry Sound where he resided until three years ago when he went West. The late Mr. MacDonald was a widely known lumberman who was engaged in the industry for many years in the Parry Sound district. He is survived by his wife, five sons and three daughters.

In the Nova Scotia House of Assembly recently two members of the Opposition pressed strongly for the revoking of the Order-in-Council by which the Oxford Paper Co., of Rumford Falls, Maine, are allowed to export pulpwood without first manufacturing it from their 600,000 acre lease of the Crown Lands in Northern Inverness, and Victoria Counties, C.B. The lease was originally made in 1899 for a term of thirty years with the stipulation that the pulp be manufactured in Nova Scotia. The lease was changed in 1901 to one for 99 years. An Order-in-Council was passed to allow the exportation of wood without manufacture.

The Nova Scotia Trust Company have been appointed as receivers for the affairs of Clarke Brothers, Limited, pulp, paper and fibre board manufacturers, of Bear River, Nova Scotia. Receivership has been asked on behalf of two applicants, the first a Canadian, the second, Perkins, Goodwin & Co., the large paper board house of New York city. This temporarily stops the negotiations whereby it was hoped Perkins, Goodwin & Co. would take over the operations of Clarke Bros. Those in touch with the situation, however, feel hopeful that the forcing of action may work out satisfactorily for the bondholders.

New Big East River Improvement Co., Limited, Huntsville, Ont., was recently granted a provincial charter to take over the improvements at present existing on the Big East River in the district of Muskoka including Tasso Lake, Moose Lake, Haines or High and Harry's Lake Dams, the Bear Creek Dam, a four tenths interest in Sinclair Bridge and the improvements on the Black Creek, Buck River and Axe Creek and tributaries. The company will construct dams, slides, piers, booms or other necessary work on the above rivers and lakes. Capital \$20,000.

Trout Mills, Ont., is likely to become this summer the centre of considerable aerial activity, according to certain phases of plans reported to be in the process of development for the closer protection of forests in the neighborhood of North Bay from the hazard of the annual fires. A recent visitor to the district was Captain McKeown, of the Royal Canadian Air Force, Ottawa, who is arranging for the establishment of a force of four hydroplanes at Trout Mills for scouting purposes in connection with the forest fire prevention campaign. It is also believed that there will be a number of officers and rangers located in this district with headquarters at North Bay.

At the annual meeting of the Abitibi Power & Paper Co., which was held recently in Montreal, the president, F. H. Anson, stated that the programme of construction which his company had been carrying out for some years past, was now completed and that everything was in excellent shape to care for the active demand for newsprint which now exists. The railway which the company built into the timber limits has been delivering pulpwood for some time and has proven most satisfactory, the work being done at a considerable saving over the former methods of delivering by water. The output of the plant is at present in a satisfactory state and the earnings are running considerably in excess of those of a year ago. The old board of directors was re-elected for the coming year.

The shingle mill operators on the Fraser River have experienced a lull during the past few days following several weeks of real activity. Severe storms in the eastern and middle States are considered to be more or less responsible for this state of affairs, but with the advent of spring, it is expected that inquiries will be more numerous. Trouble with Oriental crews has been the general rule throughout the mills, the Chinese demanding an additional 2 cents for cutting and also for packing. Some of the mills are reported to have met the demand, which is an indication that the others will most probably have to fall in line once the requisitions for the product increase.



### Improving Log Driving on Northern Limit

The "Canada Lumberman" is indebted to E.C. Burton, of the Gervais Improvement Camp on Austin & Nicholson's limits at Nicholson's Siding, Ont., for the pictures of the dams which are presented. The dam is on the limits of the firm, and one view taken from the



New dams erected on limits of Austin & Nicholson, Chapleau, Ont.

down stream side shows the general construction and the upper taken from the upstream side gives a good idea of the sheeting before it was covered over with gravel.

The dam is one of many under course of construction. At one point the river is turned from its natural course by a "block" dam and made to flow over land which was once a main road, thereby saving many miles in the log drive. In addition to the reduction of distance large quantities of water are held in reserve by dams on the upper lakes to ensure a good steady flow at all times. Owing to the steepness of the banks the stream is an excellent one for driving and no damage can be done to the trees on the banks.

### Construction Industries Lead In Trade Revival

The construction industries unquestionably constitute a reliable barometer of business conditions. Building, touching as it does so many phases of the nation's activity at so many different points, is the most representative group in commercial life. The actual volume of new construction undertaken, together with the trend of building costs, therefore afford the key to the economic complexities of the coming year.

What, then, is the present position and the outlook for building in Canada? The course of construction operations points to a period of expansion. For the first quarter of 1923 the value of construction contracts awarded throughout Canada, according to statistics compiled by MacLean Building Reports, Limited, was \$43,107,400, compared with \$32,575,900 in 1922. It is when the figures are compared month by month, however, that recent developments are seen to advantage. Building operations in January totalled \$9,840,800, in February, \$13,311,800; and in March, \$19,954,800. The tendency is toward increased activity in business and industrial building, the total for these two groups during the first quarter of 1923 amounting to \$25,545,000, compared with \$10,748,900 in 1922. Residential activity is slightly less than last year, with the building of better class homes in evidence.

Building in Quebec has increased markedly, the value of work started during the first quarter of 1923 amounting to \$13,344,300, compared with \$6,741,400 last year. Ontario continues to lead all the provinces, the value of new work started this year so far amounting to \$22,422,500 compared with \$20,679,900 during the same period last year. Building in the Western Provinces totals \$6,848,500 compared with \$4,486,000 last year.

With building costs practically stabilized, a plentiful supply of mortgage money, efficient labor, and with the immense accumulated arrears of building postponed during the war and subsequent inflation phase to catch up with, the prospects are bright for the most expansive period in building that Canada has yet witnessed.

### New Pulp Mill for Prairie Province

Details of the J. D. McArthur pulp and paper plant in Manitoba were recently announced when extension of a railway charter, the Fort Alexander Railway, was sought by the legislature. The plant construction is to start in May. An expenditure of \$4,000,000 is proposed. Bonds and stock will be sold to provide this. By May 1, 1924, it is expected, the mill will be in operation. It will open as a two-unit mill, capable of putting on the market 130 tons of finished newsprint per day. Within the next five years, if present plans of the company mature, the mill will be extended to a six-unit structure. The site is near the Fort Alexander Indian Reserve, south of the Winnipeg River. Pulp wood rights on a large tract, estimated to contain 4,000,000 cords, has been secured from the Dominion Government. The railway line will cost \$20,000 a mile to construct.

### Greater Activity in Hardwood Production

The Birch Lumber Co., of Grenville, Que., at the head of which is H. E. Gill, state that there has been a considerable increase in the cut in that district during the past season in comparison with a year ago, which will amount to possibly 35 per cent. Quotations which are prevailing for the better grades, have had a tendency to make the manufacturer produce better logs and lumber. Prices have improved considerably during the last three months and all dry stock is sold and about 90 per cent of the 1923 cut has already been disposed of. Orders are abundant but embargoes and the supply of cars have retarded shipments a great deal with the result that most manufacturers and wholesalers are unable to take care of their shipments as promptly as they would like owing to the railroads not being in a position to handle the business. The Birch Lumber Co., however, say that recently the car supply has been improving and practically all the good grades and considerable of the lower ones are being shipped to the United States market. Some mills have been sawing this winter and practically all will be sawing by the end of April.

### Good Prospects for Summer Cottages

W. H. Johnston, lumber manufacturer, of Pefferlaw, Ont., says that the prospects for building summer homes around Lake Simcoe were never better than they are at the present time. He is looking forward to a good cottage trade but adds that the farmers in that section of Ontario are not in a position to put up new buildings. They are buying only what is absolutely necessary in the way of forest products. Mr. Johnson says that he does not blame them because the produce from the land has dropped in value to a greater extent than that of any other business.

### Japan's Lumber Trade Coming to Canada

Action of the Soviet government in declaring void the Siberian lumber concessions formerly held by Japanese interests is expected to result this year in the placing of a larger proportion of Japan's lumber business with Canada and the United States, says a recent despatch from Yokohama.

Japanese buyers are now being forced to pay higher prices for lumber in British Columbia, Washington and Oregon and that can be attributed to the fact that the supply of continental lumber in the Far East is temporarily restricted.

Present indications are that lumber importations from Saghalien and Hokkaido, as well as from the Siberian maritime province, will be less this year than usual. Shippers are hesitating to enter into forward shipment contracts, as there is a surplus of cargo to be exported and the lumber freight now contracted is pretty cheap.

### Will Straighten Out Timber Royalties

Efforts are now being made to straighten out British Columbia's timber royalty problem, which is believed to be one of the most formidable obstacles in the way of timber developments in the province. Under the present royalty system timber holders are obliged to pay a rate to the government which is so high that further tenure would result in bankruptcy eventually, and for that reason the timbermen have held several conferences with representatives of the government with a view to modifying the charges.

The present system is so severe that negotiations for extensive pulp and paper and lumber developments have recently been abandoned, and while they are likely to be renewed at a later date nothing will probably be done until the charges have been revised on a basis that gives better guarantee of future operations on a profitable basis.

The B. C. government has refused any proposal contemplating fixed royalties over a term of years longer than five years. The timbermen have asked for a fixed royalty for twenty years, but that has been turned down. All interests, however appear to be in favor of basing royalty in future on stumpage instead of on the wholesale selling price of manufactured lumber, as at present. This will make it necessary to work out some plan for the valuation of British Columbia timber in a far more thorough way than has been done in the past, and when that has been done the government and the timber owners will decide a workable plan of assessment and decide for how many years the charges are to be allowed to remain fixed.

A charter has been granted to the Taylor Lumber Co., Limited, with head office at Winnipeg and a capital stock of \$20,000, to carry on in all its branches a general lumber and timber business. Among the provisional incorporators are K. L. Patton, Ernest B. Eadie, E. P. Stephens and others.



## Canadian Lumbermen's Executive Decide to Hold Next Annual Convention in Buffalo on January 30 and 31—Sales Tax Discussed

At a meeting of the directors of the Canadian Lumbermen's Association, which was held in Montreal on April 4th, there was a representative attendance and considerable business was transacted. It was decided to hold the sixteenth annual convention of the Canadian Lumbermen's Association at the new Statler Hotel in Buffalo on Wednesday and Thursday, January 30th and 31st, 1924. It will be remembered that, at the last meeting in Montreal, a pressing invitation was extended from the various lumber bodies of Buffalo to the C.L.A. to hold its next assembly in that city. The invitation was accepted. This will be the first time that the C.L.A. has held its annual convention outside of Canada, but as a large number of U.S. firms are members of the organization, which has become international in its scope and character, it was decided that it would be fitting to meet in an American city in 1924.

Some discussion came up in reference to certain phases of the sales tax and a committee of A. E. Clark and W. E. Bigwood, of Toronto, was appointed to confer with the Wholesale Lumber Dealers' Association, Inc., in Toronto, with regard to the matter, J. B. White, of Montreal, with power to select his own committee, was appointed to appear before the Montreal Wholesale Lumber Dealers' Association in that city.

The question of uniform grading rules was brought up and left over for further consideration.

The members of the Legislative and Transportation Committees have been appointed for the coming year, D. McLachlin, of Arnprior, being chairman of the Legislative Committee, and A. E. Clark, of Toronto, of the Transportation.

Several other matters left over from the annual meeting, which concerned the routine work of the Association, were taken up and brought up to date.

Among those attending the Executive meeting were,—Angus McLean, Bathurst, N.B., president of the C.L.A.; George W. Grier, Montreal, first vice-president; David Champoux, Restigouche, Que., second vice-president; W. M. Ross, Ottawa; J. S. Bock, Montreal; G. C. Edwards, Ottawa; W. E. Bigwood, Toronto; W. G. Power, Quebec; R. E. Stocking, New York; D. McLachlin, Arnprior; J. B. White, Montreal; A. E. Clark, Toronto; R. L. Sargent, Transportation Manager, Ottawa, and Frank Hawkins, Secretary, Ottawa.

### Montreal Wholesalers Entertain C.L.A. Directors

The directors of the Canadian Lumbermen's Association, who held a meeting in Montreal on April 4th, were the guests of the Montreal Wholesale Lumber Dealer's Association at their weekly luncheon on that date. At an informal meeting after the luncheon with J. S. Bock presiding, some questions relating to transportation were briefly discussed. A. D. Huff, traffic manager of the Riordon Company, and R. L. Sargent, transportation manager of the Canadian Lumbermen's Association, answered some queries relating chiefly to local rates. Mr. Huff pointed out that the present time was opportune in regard to raising questions as to switching charges, having regard to the consolidation of the Canadian National lines. Mr. Sargent stated that the companies composing the Canadian National Railways were avoiding, in many instances, giving the benefits regarding switching charges and through rates, which should accrue from the amalgamation. Users of the lines should make it their business to secure those benefits. The different companies now formed one line and traffic should be handled in that sense.

J. S. Bock, in asking the members to consider the claims of the Canadian Lumbermen's Association, pointed out the good work which was being done by Mr. Sargent on transportation matters. In associations of this character the members did not fully realize the benefits until those benefits no longer existed. The lumber industry would, undoubtedly, suffer if the association ceased to function. He remembered the time when it was a job to get an interview with the lumber agent of the C.P.R.; to-day it was quite different, and, strange to say, the railway representatives were anxious to settle any questions rather than have them adjusted through the transportation department of the Canadian Lumbermen's Association. That association dealt with many other matters of interest to lumbermen on the same basis. He welcomed the presence of the directors of the Association, and suggested that the wholesalers of Montreal would receive material benefit from becoming members, after, of course, joining the Montreal Wholesale Lumber Dealers' Association.

The Montreal Wholesale Lumber Dealers' Association was represented by O. Page on the deputation of commercial and other

associations which waited on the city council and presented petitions in favor of daylight saving.

Messrs. S. P. Thomson, of the Gatineau Company, Limited, Ottawa, and M. B. Hamilton, of M. B. Harroun & Sons, Watertown, N.Y., were guests at the luncheon of the Montreal Wholesale Lumber Dealers Association on April 4th.

### Vast Timber Wealth in The Valley

Despite the rapid increase of settlement entailing extensive land clearing operations, an enormous amount of standing mercantile timber is still in reserve in the districts adjacent to the north side of the Fraser Valley. According to statistics furnished by E. Walmsley, crown timber agent, New Westminster, B.C., the available supply of these vast reserves is estimated at 4,200,000,000 feet, and at the rate of cut of last year, which was 901,000,000 feet, will last for a long period provided proper conservation is in force. In getting out estimates of the timber cut and in reserve crown timber officials have divided the north side into five districts, all practically within a radius of 80 miles from Vancouver. In Coquitlam, timber, including fir, cedar and hemlock, to the extent of 25,000,000 feet was cut last year—the chief logging operations being carried on by the Canadian Robert Dollar Company, Pitt River Shingle Company, Pacific Shingle Company and Robert McNair Shingle Company—the reserve in this district being estimated at 500,000,000 feet.

### Big U.S. Mill May Move To Canada

When legislators at Washington, D.C., were framing the Fordney Tariff, which imposes charges of \$3.00 per thousand feet on all saw logs towed into U.S. waters from Canada, representations were made to the Government that mill operators in the State of Washington would be forced to move their mills across the line into British Columbia territory, if the measure became law.

At that time this was considered to be an idle threat, but now comes the announcement of the intention of the Morrison Mill Company, one of the biggest operating lumber concerns in the State of Washington, to remove its big plant at Blaine to Vancouver. This is viewed in Vancouver lumber circles as the first definite move on the part of Washington lumbermen to carry into effect the prediction made when the Fordney Act was being discussed.

The Morrison Mill Company operate three large mills in Washington, and it is their intention to move one of these mills as soon as a suitable site can be obtained. This mill has a daily capacity of 90,000 feet of lumber and 20,000 box shooks.

### Hope Lumber Company Branching Out

The Hope Lumber Co., of Little Current, Ont., are making extensive additions to their plant and are installing an 8-foot double cutting band mill; log carriages; steam feed; kicker; flippers; 48-inch edgers; log deck rolls; band saw sharpener; two 72 in. x 16 ft. boilers; 18 x 24 ft. sawmill engine; shafting, pulleys; lath mill and bolter, and an eight saw automatic trimmer. The entire equipment is being supplied by the Watrous Engine Works Co., Limited, of Brantford.

### Co-operative Effort to Reduce Fires

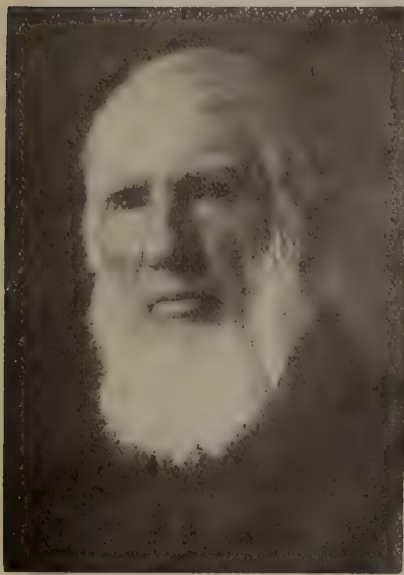
As a result of a conference which took place recently between G. C. Piche, chief forestry engineer of Quebec, and Neal S. Violet, assistant chief forestry commissioner, of Maine, and a number of representatives of limit holders on the border state, arrangements were completed to fight forest fires in that section during the coming season. Mr. Piche said that there existed no doubt but that much benefit would result from this co-operation between Quebec and Maine as forest fires had caused havoc in that section. Hon. Mr. Mercier, Minister of Lands and Forests, is anxious to have an agreement reached and effective co-operation arranged. A conference with the New Brunswick representatives will also be held.

### Forestry Service Erects Phone Lines

It is the intention of the Ontario Forestry Department to erect a telephone line from Parry Sound on down the shore to Go-home bay, and also to have different lines connecting the several observation stations at Dorset, Moon River and Key Junction. More will be erected at the Still river at the C.N.R. crossing at Loring, Powassan and in Proudfoot township. All of these stations will eventually be connected up by wire. It is likely that the seaplane base for all of the north will be located at or near North Bay next summer, as this point will be central for the territory to be covered.



## Mr. Booth Hurrying on to Century Mark



J. R. Booth, Ottawa, Ont.  
Canada's Lumber King

J. R. Booth, of Ottawa, the veteran lumber manufacturer, pulp and paper producer, timber limit owner and railway builder, celebrated his 96th birthday on April 5th. The "Lumber King" is enjoying good health and spent the anniversary of his nativity in his usual manner by visiting the various departments of his mammoth industries at the Chaudiere. Following a custom established several years ago his employees presented him with a basket of ninety-six choice roses. Mr. Booth became a resident of Ottawa ten years before Confederation, has lived in the Capital city sixty-six years and is still going strong. He is Honorary President of the Canadian Lumbermen's Association and is one of the most widely known operators in the world.

The story of his career is one that reveals pluck, determination and purpose. Mr. Booth has always led a rugged, outdoor life, has ever been to the forefront in huge undertakings and never asked a man to do a job which he himself was not capable of performing.

It was said of Napoleon Bonaparte, the "little Corsican corporal" during his vast campaigns of conquest, that he never called upon those under him to go where he would not venture himself, and the same remark may be made of the great Canadian captain of industry.

Mr. Booth has always believed in the gospel of hard work, and for recreation sallies forth and does a little more work. He landed in Ottawa in 1857 with \$9 in his pocket. To-day he is the largest holder of timber limits in the civilized world and the oldest active lumberman on the American continent.

## Will Stop the Butchery of Trees

The Ontario Department of Highways has made a wise move in determining to stop tree butchery along public roads. Not only is it the intention to beautify the highways, but to preserve the existing beauty in that trees will not be mutilated or sacrificed wherever it is possible to save them. No company, telephone, power or telegraph will be allowed to cut the trees without permission and only to remove branches which are entirely essential to transmission, will be given, and in any case only the minimum amount of tree pruning will be allowed, and such must be done under the supervision of the Department of Public Highways. In this connection various companies have entered heartily into co-operation with the department in that at present they are trying to clear their lines with as little mutilation of trees as possible.

## British Empire Co. Has Big Project

In the annual report of the Montreal Harbor Commissioners, just issued, reference is made to the development of the B. C. timber trade via the Panama Canal. It is stated that several shiploads of lumber arrived in bottoms from the Pacific Coast, the property of the British Empire Lumber Corporation, Limited, which was disposed of almost on its arrival. The lumber industry will in the future be a noteworthy feature of the port, as the same firm has rented a large space from the commissioners on Bickerdike Pier where a large timber shed and sawmill are being erected. The company expects to saw and handle 50,000,000 feet of lumber annually through the harbor of Montreal.

The first unit of the sawmill consists of a mill and storage shed of fireproof construction with the necessary siding and water supply. The width of the sawmill is 111 feet over all, divided into three bays of nearly eleven spans, the whole central portion of the roof being raised over the two columns so as to form a monitor for lighting and ventilating the mill. In each bay, provision has been made on the columns for the future installation of three-ton crane runways. On each side of the building an interior depressed trackway will make possible the loading into cars under cover.

The sides and end walls are to be completely glazed, except where, at the ground, steel curtain doors will be located in each longitudinal bay. The mill will have a length over all of 210 ft. 10 inches with columns 25 ft. on centres.

The length of the storage shed and the longitudinal spacing of

columns will be the same as in the sawmill, its width being 81 feet with columns spaced 22 feet 7 inches, 37 feet 4 inches and 22 feet 7 inches on centres. An 18 feet 6 inches wide depression in the centre of the building is provided for facilitating the shipping and receiving of material by rail or by vehicles. The voids between the concrete structural members in the sides and end walls will be closed with a solid 8 inch curtain brick wall. Light and ventilation in the shed will only be through the double monitor built integrally with the roof slab. The floor of both buildings, of concrete, will be raised 3 feet 9 inches above the level of the pier. The roofing is to be of tar and gravel reinforced with roofing felt, the whole flashed and counter-flashed with galvanized iron. All sashes will be of the solid metal type, glazed with ¼ inch wire glass. All doors to be metal. A dry pipe automatic sprinkler fire system is to be installed.

## Log Driving Prospects in Quebec Province

The heavy fall of snow in the province of Quebec, especially on the south shore and low lands of the rives St. Lawrence east of Quebec City, as well as the unpredicted cold weather lasting until the beginning of April, caused apprehension among the timber firms and limit holders regarding the river driving of their logs this spring to their mills and base of storage. The snowfall during February and March in many parts of the forest, where lumber operations have been carried on during the past winter, attained a depth from six to eight feet, and the ice in the rivers, on account of the intense cold weather, became very thick in places, reaching down almost to the bed of the river and not likely to break up and move out until the end of April.

If this should happen and, in the meantime, warm weather and a season of rain set in, the vast quantities of the beautiful will naturally thaw and turn into water from the inclines toward the rivers and, instead of swelling the waters to aid in the successful drive of the logs, will rush over the ice bridges and be lost for the usual driving of the timber, and, naturally, there will be a scarcity of water in the rivers towards the end of the drives. It may happen that nature and the elements may obviate these conditions but the men operating during the winter in the woods at the time of writing fear the worst.

## New Lath Mill of Pronounced Speed

The P. Payette Co., of Penetang, Ont., have just placed on the market a new lath mill which is known as the "Thoro-bred," it being the latest improved No. 2 equipped with five saws. The makers say that it will cut any quality of lath depending upon the amount of stock the operator is able to feed into it. Back of the new machine are forty-three years' experience in building lath mill equipment.

The "Thoro-bred" has the new tension springs encased in bonnets which regulate the pressure of the feed rolls and these are adjusted to any desired tension by the adjustment of the set screws on the top. The company recommend this machine for use with their No. 1 four-saw bolter.

There are several new features about the machine and the operator is well protected. The lath shover is safeguarded by a special convex guard on the front and the saws and rollers are protected on the top and sides by a steel plate hinged guard which may be thrown up to take out the saws or dropped instantly and automatically locked. This prevents all bolts and chunks from flying out and injuring the operators. The front and back tables can be adjusted to take up the wear of the saws and the guide can be adjusted to any angle.

The capacity of the machine is from 50,000 to 128,000, 4-foot lath, daily depending upon the quantity of stock the producer has to manufacture lath from. The guide on the machine is extra long and extra wide and is of double height on the front so that the lath shover can throw the bolt into the machine without using any extra precaution, thus increasing output.

## Dealer Gets Allowance on Counter Claim

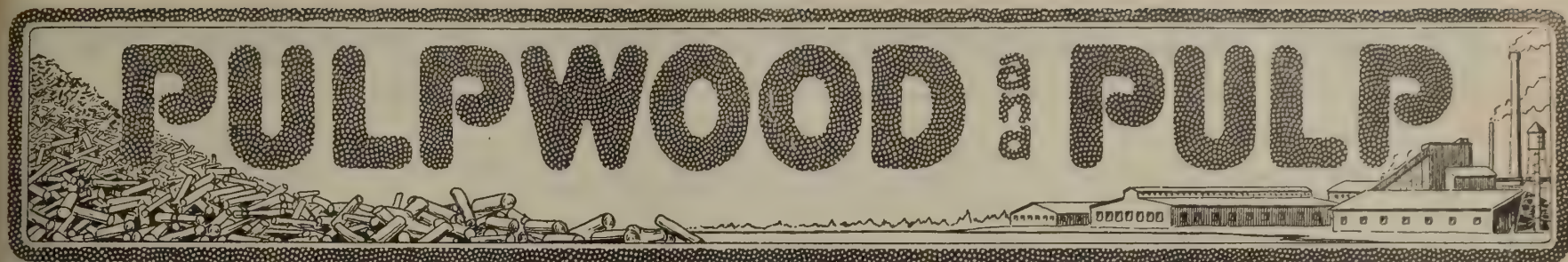
J. A. Cody, lumber dealer of Newmarket, Ont., was recently allowed \$8,000 in a judgment handed down at Osgoode Hall by Mr. Justice Orde. The decision is on a counter-claim by Mr. Cody against Andrew McKean, of Collingwood.

Cody contracted with McKean to have the latter cut some wood for him at \$20 per 1,000 feet. The work was to be done during 1920-21. The total cut was to be 700,000 feet. In the meantime Cody contracted with another firm to supply them with lumber.

When McKean's saw mill burnt down he could not fill his contract and Cody suffered a consequent loss. The market price dropped also.

The judgment was for the loss suffered by Cody as the result of McKean's failure to supply the stipulated amount.





### The Drain on Canada's Pulpwood

Thirteen new paper making machines are being installed in Canada this year and it is stated that these thirteen, when erected and running full, will consume more than 350,000 additional cords of wood a year. Frank J. D. Barnjum, of Montreal the noted Canadian conservationist, states that, not counting these machines, Canada is already consuming and exporting annually more than 5,000,000 cords of pulpwood, representing the growth of a century or more, from 1,250,000 acres of land. He declares that every new paper machine installed in Canada and every new issue of pulp and paper securities brought out and sold to Canadians is an added reason for prohibiting the export of raw material.

Among the Canadian companies which are either adding to their present equipment or putting in new machines are:—The Bathurst Company, Bathurst, N. B.; Ontario Paper Company, Thorold, Ont.; Backus-Brooks Company, Kenora, Ont.; Donaconna Paper Co., Donaconna, Que.; Belgo Paper Co., Shawinigan Falls, Que.; Wayagamack Pulp & Paper Company, Three Rivers, Que.; Price Bros., & Co., Quebec and others.

### New Rossing Plants Are Starting Up

The St. Lawrence Lumber Co., whose head office is at 81 St. Peter St., Quebec, are installing a 10 x 30 foot Canadian barking drum at their plant at Amqui, Que. This organization purposes robbing its pulpwood with a Canadian barking drum.

The Hawk Lake Lumber Co., of Monteith, Ont., who some time ago secured another concession from the Ontario Government, is erecting a barking plant at Mile 45, west of Cochrane, on the Transcontinental, and will put in a Canadian barking drum. The company is carrying on extensive pulpwood operations in Northern Ontario.

### Looks Like Big Demand for Wood

Speaking of the pulpwood market in Northern Ontario, a leading operator from the Port Arthur district in conversation with the "Canada Lumberman" lately said that as far as prices and demand are concerned, it was too early yet to make any forecast because no wood is cut during the spring months for future delivery and no contracts or prices will be set or talked of until August "It appears as if American mills will have to look to our district for a considerable amount of wood annually and there is no doubt the wood can be produced in the Thunder Bay area for a number of years," he declared.

### Big Contracts Placed for Pulp Wood

The Hammermill Paper Co., of Erie, Pa., who conduct pulpwood operations in the Port Arthur district, have contracted for between 75,000 and 80,000 cords of wood, to be delivered to them during the coming season of navigation, f.o.b. vessel. It is understood that a large proportion of this wood is purchased from jobbers but, as in the past, the company have also bought possibly 15,000 cords direct from settlers. This they will drive and load themselves. The wood of the Hammermill Co. is now all landed on the river banks ready for driving, and with the amount of snow which the Port Arthur district had during the past season, it is not anticipated that there will be any trouble in taking out the drives.

The past winter was the best one, not only that the Hammermill people, but many others experienced in woods activities in the Port Arthur district for a number of years. Contractors went through the whole season practically without a break, and until the latter part of March had just the right amount of snow and, consequently, all jobbers are practically finished and will obtain their entire contract.

### Northern Concern is Building at Wasach

The Hawk Lake Lumber Co., Limited, of Monteith, Ont., of which A. E. Wicks is president, during the summer will ross 25,000 cords of spruce pulpwood and ship it out, in addition to 10,000 cords

that they have now ready to ship. June 1st will see no more unsold pulpwood piled along the railway either east or west of Cochrane. Labor was fairly plentiful last season although wages were higher than a year ago.

The Hawk Lake Lumber Company's plans also call for the building of a sawmill of about 30,000 feet daily cutting capacity, and installing a drum rosser at Wasach, Ont., during the coming summer to cut up 20,000 cords of wood now in the river at that point. This cordage is in addition to the 35,000 cords, already mentioned.

The company expect to saw 2,000,000 feet of spruce and some tamarac at Monteith this summer, all of which has been disposed of at a good figure. Mr. Wicks says that, judging from the inquiries received, a lot of lumber will be bought in Northern Ontario during the coming season.

### Big Pulp Wood Cut Around Port Arthur

Over 2,000 men were employed in the Port Arthur district during the past season in taking out pulpwood, ties and piling. The cut of pulpwood is estimated at 180,000 cords, 20,000 pieces of piling and 1,450,000 railway ties. About 500 teams were engaged in the work and the cash paid to the men was around \$750,000. Contractors pay 15 cents a piece for ties and \$2.50 for a cord of pulpwood. Nearly all the work in the woods is now carried out on the piece basis.

The past winter was a most favorable one for operations. The steady cold weather rendered camp conditions ideal while the liberal snowfall made it safe to assume that there will be lots of water this spring to carry the wood down into Lake Superior and Thunder Bay for booming or shipment to the mills.

Some of the largest operations in pulpwood and the quantities which they took out and the location of their camps, were as follows:—Fort William Paper Co., camps on the G.T.P., 200 men; 30,000 cords of pulpwood; Thomas Falls, camps at Shabaqua, 80 men; 10,000 cords of pulpwood, 150,000 ties; J. Greer, camps on G.T., 80 men; 10,000 cords of pulpwood, 100,000 ties; I. L. Mather, camps at camps at Sibley, 350 men, 30,000 cords of pulpwood; The Stevedore Company (H. Murphy and G. E. Farlinger), Nezhah, 400 men, 500,000 ties; G. E. Farlinger, camps on the G. T., 100 men, 10,000 cords of pulpwood; Scott Lumber Co., camps on Current River; 75 men, 10,000 cords of pulpwood; C. W. Cox, camps at Nipigon and Black Bay, 300 men; 25,000 cords of pulpwood, 15,000 ties, 20,000 piling; Thunder Bay Paper Co., supplies from local farmers, 150,000 cords of pulpwood; Detroit Sulphite Co., yards at the Mission, supplies from local farmers, 10,000 cords of pulpwood; Russell Timber Co., camps at Hurkett, 200 men, 30,000 cords of pulpwood.

### Big Pulp Plant to go up at Nelson

Kenneth Campbell, M.P.P., for Nelson, B. C., T. G. Howland and J. Jacobson, of Minneapolis, Minn., who are interested in the Howland & Waltz Pulp Co., of Minnesota, have completed arrangements as regards the waterpower in connection with a proposed pulp mill at Nelson. Messrs. Howland and Jacobson are holders of large timber limits in the Kootenay section which is specially valuable for pulp. Cruising of the timber and engineering work relating to the proposed mill will be undertaken at once. The estimated cost of the project is \$2,000,000.

### Wood-Pulp will Make Blotting Paper

An entirely new departure in the manufacture of blotting paper is forecasted by the Forest Products Laboratories of Canada (Dominion Forestry Branch), Montreal, as a result of an investigation recently carried out in their experimental paper mill. The best grades of blotting paper have hitherto been made from rag pulp, but the Laboratories have succeeded in producing a paper with excellent absorptive powers entirely from wood-pulp. The interesting feature of the new paper is that it contains a large proportion of pulp made from which, although plentiful, has found little employment in the pulp industry of Canada.



# CURRENT LUMBER PRICES—WHOLESALE

## TORONTO

### White Pine

(In Car Load Lots, F.O.B. cars Toronto)

1 x 4/7 Good Strips	\$110.00	\$115.00
1 1/4 & 1 1/2 x 4/7 Good Strips	125.00	130.00
1 x 8 and up Good Sides	150.00	160.00
2 x 4/7 Good Strips	130.00	140.00
1 1/4 & 1 1/2 x 8 and wider Good Sides	185.00	190.00
2 x 8 and wider Good Sides	190.00	200.00
1 in. No. 1, 2 and 3 cuts	75.00	80.00
5/4 and 6/4 No. 1, 2 and 3 cuts	105.00	110.00
2 in. No. 1 2 and 3 cuts	120.00	125.00
1 x 4 and 5 Mill Run	54.00	55.00
1 x 7, 9 and 11 Mill Run	54.00	55.00
1 x 8 Mill Run	57.00	58.00
1 x 10 Mill Run	59.00	61.00
1 x 12 Mill Run	66.00	67.00
5/4 and 6/4 x 5 and up Mill Run	61.00	62.00
2 x 4 Mill Run	55.00	56.00
2 x 6 Mill Run	57.00	58.00
2 x 8 Mill Run	58.00	59.00
2 x 10 Mill Run	60.00	62.00
2 x 12 Mill Run	67.00	69.00
1 in. Mill Run Shorts	33.00	34.00
1 x 4 and up 6/16 No. 1 Mill Culls	36.00	37.00
1 x 10 6/16 No. 1 Mill Culls	42.00	43.00
1 x 12 6/16 No. 1 Mill Culls	42.00	43.00
1 x 4 and up 6/16 No. 2 Mill Culls	27.00	28.00
1 x 10 12 6/16 No. 2 Mill Culls	33.00	34.00
1 x 4 & up 6/16 No. 3 Mill Culls	17.00	18.00

### Red Pine

(In Car Load Lots, F.O.B. Toronto)

1 x 4 and 5 Mill Run	39.00	40.00
1 x 6 Mill Run	41.00	42.00
1 x 8 Mill Run	44.00	45.00
1 x 10 Mill Run	47.00	49.00
2 x 4 Mill Run	40.00	41.00
2 x 8 Mill Run	44.00	45.00
2 x 6 Mill Run	40.00	42.00
2 x 10 Mill Run	49.00	50.00
2 x 12 Mill Run	50.00	51.00
1 in. Clear and Clear Face	75.00	76.00
2 in. Clear and Clear Face	80.00	82.00

### Jack Pine

Mill Run (mill culls and dead culls out)		
2 x 4	39.00	40.00
2 x 5, 2 x 6	38.00	40.00
2 x 8	43.00	44.00
2 x 10	46.00	48.00
1 x 4 and wider	37.00	39.00
Mill Culls and Sound Wormy		
1 x 4 & wider	30.00	31.00
2 x 4 & wider	30.00	31.00

### Spruce

Mill Run (mill culls and dead culls out)

1 x 4, and 5	39.00	40.00
1 x 6	42.00	43.00
1 x 8	45.00	46.00
1 x 10	47.00	49.00
1 x 12	50.00	51.00
2 x 4	39.00	40.00
2 x 6	39.00	40.00
2 x 8	44.00	45.00
2 x 10	46.00	48.00
2 x 12	49.00	50.00

### Mill Culls

1 x 4 and up No. 1	30.00	31.00
2 x 4 and up No. 1	32.00	33.00

### Hemlock (M R)

(In Car Load Lots, F.O.B. Toronto)

1 x 4 and 5 x 9 to 16 ft.	31.00	32.00
1 x 6, 9 to 16 ft.	36.00	38.00
1 x 7, 9 and 11, 9 to 16 ft.	37.00	38.00
1 x 8, 9 to 16 ft.	38.00	40.00
1 x 10 and 12, 9 to 16 ft.	39.00	40.00
2 x 6, 8 to 16 ft.	35.00	36.00
2 x 4 x 8 x 10 x 12, 8 to 16 ft.	39.00	40.00
2 x 4 to 12, 18 ft.	43.00	44.00
2 x 4 to 12, 20 ft.	45.00	46.00
1 in. No. 2, 6 to 16 ft.	26.00	28.00

### Fir Flooring

(In Car Load Lots, F.O.B. Toronto)

Fir flooring, 1 x 3 in. No. 2 and better, edge grain	\$ 78.00
Fir flooring, 1 x 4 in. No. 2 and better, edge grain	75.00
Fir flooring, 1 x 3 in. No. 2 and better, flat grain	59.00
Fir flooring, 1 x 4 in. No. 2 and better, flat grain	62.00
1 x 4 to 12 in. No. 2 and better, clear fir,	

1 1/4 x 4 to 12 in. No. 2 and better, clear fir, rough	90.50
2 x 4 to 12 in. No. 2 and better, clear fir, rough	86.50
3 x 4 to 12 in. No. 2 and better, clear fir, rough	94.50
1 x 4, 5 and 6 in. fir casing	81.75
1 x 8 and 10 in. fir base	86.25
1/2 x 6, 8 to 18 ft. No. 1 and 2 clear cedar bevel siding	53.00
1 1/4 and 1 1/2 8, 10 and 12 in. E. G. Stepping	97.25
1 1/4 and 1 1/2 8, 10 and 12 in. E. G. Stepping	87.25
1 x 4 to 12 in. clear fir dressed 4 sides	80.25
1 1/4 and 1 1/2 x 4 to 12 in. clear fir D4S	84.00
XX Shingles, 6 butts to 2 in. per M.	3.08
XXXX Shingles, 6 butts to 2 in. per M.	5.48
XXXXXX Shingles, 5 butts to 2 in. per M.	6.28

### Lath

(F.O.B. Mill)

No. 1 White Pine	\$ 12.00	\$ 13.00
No. 2 White Pine		11.00
No. 3 White Pine		9.00
Mill Run White Pine, 32 in.		5.00
Merchantable Spruce Lath, (Ontario)	6.50	7.00

## TORONTO HARDWOOD PRICES

The prices given below are for car loads f.o.b. Toronto, from wholesalers to retailers, and are based on a good percentage of long lengths and good widths, without any wide stock having been sorted out.

### Ash, White

(Dry weight 3,800 lbs. per M. ft.)

	1s & 2s	No. 1	No. 2
1"	\$115.00	\$ 75.00	\$ 50.00
1 1/4 and 1 1/2"	125.00	80.00	50.00
2 1/2 and 3"	155.00	90.00	60.00
4"	170.00	130.00	65.00

### Ash, Brown

1"	\$105.00	\$ 60.00	\$ 40.00
1 1/4 and 1 1/2"	110.00	65.00	42.00
2"	120.00	70.00	45.00

### Birch

(Dry weight 4,000 lbs. per M. ft.)

	1s & 2s	Sels.	No. 1	No. 2
4/4	\$125.00	\$ 85.00	\$ 55.00	\$ 32.00
5/4	130.00	90.00	60.00	34.00
6/4	130.00	90.00	60.00	34.00
8/4	135.00	95.00	65.00	40.00
12/4	140.00	100.00	70.00	45.00
16/4	145.00	110.00	80.00	50.00

### Basswood

(Dry weight 2,500 lbs. per M. ft.)

	1s & 2s	No. 1	No. 2
4/4	\$ 90.00	\$60.00	\$35.00
5/4 and 6/4	95.00	65.00	35.00
8/4	100.00	65.00	30.00

### Chestnut

(Dry weight 2,800 lbs. per M. ft.)

	1s & 2s	No. 1	Sound
1"	\$150.00	\$100.00	\$ 40.00
1 1/4 to 1 1/2"	165.00	110.00	43.00
2"	170.00	115.00	45.00

### Maple, Hard

(Dry weight 4,000 lbs. per M. ft.)

	F.A.S.	Sels.	No. 1	No. 2
4/4	\$100.00	\$ 80.00	\$ 55.00	\$ 35.00
5/4	105.00	85.00	60.00	35.00
6/4	110.00	90.00	60.00	40.00
8/4	115.00	100.00	80.00	45.00
12/4	120.00	110.00	85.00	50.00
16/4	130.00	115.00	95.00	65.00

### Elm, Soft

(Dry weight 3,000 lbs. per M. ft.)

	1s & 2s	No. 1	No. 2
4/4	\$ 85.00	\$ 55.00	\$ 30.00
8/4	85.00	55.00	30.00
12/4	120.00	90.00	50.00

### Gum, Red

(Dry weight 3,300 lbs. per M. ft.)

	Plain	No. 1	Quartered—	No. 1
	1s & 2s	Com.	1s & 2s	Com.
1"	\$120.00	\$77.50	\$130.00	\$ 80.00
1 1/4"	125.00	80.00	135.00	85.00
1 1/2"	125.00	80.00	135.00	85.00
2"	130.00	86.00	140.00	90.00

### Gum, Sap

	1s & 2s	No. 1	Com.
1"	\$ 68.00	\$ 55.00	
1 1/4 and 1 1/2"	71.00	58.00	
2"	78.00	58.00	

### Hickory

(Dry weight 4,500 lbs. per M. ft.)

	1s & 2s	No. 1	Com.
1"	\$125.00	\$70.00	
1 1/4"	145.00	70.00	
1 1/2"	145.00	75.00	
2"	150.00	80.00	

### Quarter Cut Red Oak

	1s & 2s	No. 1	Com.
4/4	\$150.00	\$ 80.00	
5/4 and 6/4	160.00	90.00	
8/4	170.00	95.00	

### Plain White and Red Oak

(Plain sawed. Dry weight 4,000 lbs. per M. ft.)

	1s & 2s	No. 1	Com.
4/4	140.00	90.00	
5/4 and 6/4	155.00	95.00	
8/4	165.00	100.00	
10/4	170.00	105.00	
12/4	180.00	110.00	
16/4	190.00	115.00	

### White Oak, Quarter Cut

(Dry weight 4,000 lbs. per M. ft.)

	1s & 2s	No. 1	Com.
4/4	\$165.00	\$100.00	
5/4 and 6/4	175.00	105.00	
8/4	185.00	110.00	

## OTTAWA

Manufacturers' Prices  
Pine

Good sidings:	
1 in. x 7 in. and up	\$140.00
1 1/4 in. and 1 1/2 in. 8 in. and up	170.00
2 in. x 7 in. and up	175.00
No. 2 cuts 2 x 8 in. and up	90.00 95.00

Good strips:	
1 in.	110.00
1 1/4 in. and 1 1/2 in.	135.00
2 in.	145.00

Good shorts:	
1 in. x 7 in. and up	100.00
1 in. 4 in. to 6 in.	85.00
1 1/4 in. and 1 1/2 in.	140.00
2 in.	145.00
7 in. to 9 in. A sidings	54.00 56.00
No. 1 dressing sidings	75.00 80.00
No. 1 dressing strips	65.00
No. 1 dressing shorts	55.00 60.00
1 in. x 4 in. s.c. strips	52.00
1 in. x 5 in. s.c. strips	50.00
1 in. x 6 in. s.c. strips	55.00
1 in. x 7 in. s.c. strips	54.00
1 in. x 8 in. s.c. strips, 12 to 16 ft.	56.00
1 in. x 10 in. M.R.	62.00
S.C. sidings, 1 1/2 and 2 in.	65.00
S.C. strips 1 in.	48.00 50.00
1 1/4, 1 1/2 and 2 in.	58.00
S.C. shorts, 1 x 4 to 6 in.	40.00
S.C. and bet., shorts 1 x 5	43.00
S.C. and bet., shorts 1 x 6	45.00
S.C. shorts, 6-11 ft., 1 x 10 in.	50.00

Box boards:	
1 in. x 4 in. and up, 6-11 ft.	35.00
1 in. x 3 in. and up 12-16 ft.	39.00
Mill cull shorts, 1 in. x 4 in. and	
x 4 in. and up, 12 ft. and up	30.00
Mill culls, strips and sidings, 1	
in. up, 6 ft. to 11 ft.	30.00
O. culls r and w p	23.00 24.00

### Red Pine, Log Run

Mill Culls out, 1 in.	38.00
Mill Culls out, 1 1/4 in.	38.00
Mill Culls out, 1 1/2 in.	38.00
Mill Culls out, 2 in.	38.00

### Mill Run Spruce

1 in. x 4 in. and up, 6 ft. to 11 ft.	30.00
1 in. x 4 in. and up, 12 ft. to 16 ft.	35.00
No. 1 White Pine, 1 1/4 in. x 4 ft.	12.00



# CURRENT LUMBER PRICES—WHOLESALE

1" x 9"-10" and up, 12 ft.-16 ft. ..	43.00
1 1/4" x 7, 8 and 9" up, 12 ft.-16 ft. ....	40.00
1 1/4" x 10 and up, 12 ft.-16 ft. ....	43.00
1 1/2" x 12" x 12" and up, 12'-16'	50.00
Spruce, 1 in. clear fine dressing and B .....	65.00
Hemlock, 1 in. cull .....	22.00
Hemlock, 1 in. log run .....	24.00
Hemlock, 2 x 4, 6, 8, 10 12/16 ft. ....	30.00
Tamarac .....	25.00
Basswood, log run, dead culls out ..	45.00
Basswood, log run, mill culls out ..	50.00
Birch, log run .....	60.00
Soft Elm, common and better, 1, 1 1/2, 2 in. ....	58.00
Ash, black, log run .....	62.00
1 x 10 No. 1 barn .....	57.00
1 x 10 No. 2 barn .....	51.00
1 x 8 and 9 No. 2 barn .....	47.00

## Lath per M.:

No. 1 White Pine, 1 1/4 in. x 4 ft. ....	12.00
No. 2 White Pine .....	11.00
Mill Run White Pine .....	10.00
Spruce, mill run, 1 1/2 in. ....	10.00
Red Pine, mill run .....	10.00
Hemlock, mill run .....	7.00

## White Cedar Shingles

XXXX, 18 in. ....	7.00
Clear butt 18 in. ....	6.00
18 in. XX .....	4.00

## QUEBEC

### White Pine (At Quebec)

	Cts.	Per Cubic Ft.
First class Ottawa waney, 18 in. average according to lineal ..	100	110
19 in. and up average .....	110	120

### Spruce Deals (At Mill)

3 in. unsorted, Quebec, 4 in. to 6 in. wide .....	\$25.00	\$27.00
3 in. unsorted, Quebec, 7 in. to 8 in. wide .....	28.00	30.00
3 in. unsorted, Quebec, 9 in. wide ..	35.00	40.00

### Oak (At Quebec)

	Cts.	Per Cubic Ft.
According to average and quality, 55 ft. cube .....	125	130

### Elm (At Quebec)

According to average and quality, 40 to 45 ft. cube .....	130	140
According to average and quality, 30 to 35 ft. ....	100	125

### Export Birch Planks (At Mill)

1 to 4 in thick, per M. ft. ....	\$35.00	\$40.00
----------------------------------	---------	---------

## ST. JOHN, N.B.

### (From Yards and Mills—Wholesale) Rough Lumber

2x3, 2x4, 3x3, 3x4, Rgh. Merch. Spr. ....	\$28.00
2x3, 2x4, 3x3, 3x4, Dressed 1 edge ..	29.00
2x3, 2x4, 3x3, 3x4, Dressed 4 sides ..	34.00
2x6, 2x7, 3x5, 4x4, 4x6, all rough ...	28.00
2x8, 3x7, 5x5, 6x6. ....	38.00
2x9, 3x8, 6x8, 7x7, ....	38.00
2x10, 3x9, ....	40.00
2x12 and up .....	45.00
Merch. Spr. Bds. Rough, 1x3-4&5 ..	28.00
Merch. Spr. Bds. Rough, 1x7 & up. ..	40.00
Refuse Bds., Deals and Setgs. ....	20.00
Above Random lengths up to 18-0 long. Lengths 19-0 and up \$5.00 extra per M. For planing Merch. and Refuse Bds. add \$2.00 per M. to above prices. Laths, \$2.50-6.75	

### Shingles

	Per M.
Cedar, Extras .....	\$5.75
Cedar, Clears .....	4.75
Cedar, 2nd Clears .....	3.75
Cedar, Extra No. 1 .....	2.25
Spruce .....	3.25

## SARNIA, ONT.

### White Pine—Fine, Com. and Better

1 x 6 and 8 in. ....	\$125.00
1 in. 8 in. and up wide .....	145.00
1 1/4 and 1 1/2 in. and up wide .....	185.00
2 in. and up wide .....	185.00

### Cuts and Better

4/4 x 8 and up No. 1 and better .....	140.00
5/4 and 6/4 and up No. 1 and better ..	156.00
8/4 and 8 and up No. 1 and better ..	156.00

### No. 1 Cuts

1 in. 8 in. and up wide .....	125.00
1 1/4 in. 8 in. and up wide .....	130.00
1 1/2 in. 8 in. and up wide .....	130.00
2 in. 8 in. and up wide .....	135.00
2 1/2 in. and 3 in. 8 in. and up wide..	180.00
4 in. 8 in. and up wide .....	190.00

### No. 1 Barn

1 in., 10 to 16 ft. long .....	\$ 75.00	\$ 85.00
1 1/4, 1 1/2 and 2 in., 10/16 ft. ....	80.00	85.00
2 1/2 to 3 in., 10/16 ft. ....	85.00	100.00

### No. 2 Barn

1 in., 10 to 16 ft. long .....	65.00	75.00
1 1/4, 1 1/2 and 2 in., 10/16 ft. ....		66.00
2 1/2, 1 1/2 and 3 in. ....		85.00

### No. 3 Barn

1 in., 10 to 16 ft. long .....	48.00	55.00
1 1/4, 1 1/2 and 2 in., 10/16 ft. ....	50.00	56.00

### Box

1, 1 1/4 and 1 1/2 in., 10/16 ft. ....	40.00	45.00
--	-------	-------

### Mill Culls

Mill Run Culls—	
1 in. 4 in. and up wide, 6/16 ft. ....	31.00
1 1/4, 1 1/2 and 2 in. ....	32.00

## BUFFALO and TONAWANDA

### White Pine Wholesale Selling Price

Uppers, 4/4 .....	\$225.00
Uppers, 5/4 to 8/4 .....	225.00
Uppers, 10/4 to 12/4 .....	250.00
Selects, 4/4 .....	200.00
Selects, 5/4 to 8/4 .....	200.00
Selects, 10/4 to 12/4 .....	225.00
Fine Common, 4/4 .....	165.00
Fine Common, 5/4 .....	180.00
Fine Common, 6/4 .....	180.00
Fine Common, 8/4 .....	180.00
No. 1 Cuts, 4/4 .....	130.00
No. 1 Cuts, 5/4 .....	140.00
No. 1 Cuts, 6/4 .....	150.00
No. 1 Cuts, 8/4 .....	160.00
No. 2 Cuts, 4/4 .....	77.00
No. 2 Cuts, 5/4 .....	107.00
No. 2 Cuts, 6/4 .....	107.00
No. 2 Cuts, 8/4 .....	122.00
No. 3 Cuts, 5/4 .....	65.00
No. 3 Cuts, 6/4 .....	75.00
No. 3 Cuts, 8/4 .....	75.00
Dressing, 4/4 .....	95.00
Dressing, 4/4 x 10 .....	98.00
Dressing, 4/4 x 12 .....	110.00
No. 1 Moulding, 5/4 .....	155.00
No. 1 Moulding 6/4 .....	155.00
No. 1 Moulding 8/4 .....	160.00
No. 2 Moulding, 5/4 .....	125.00
No. 2 Moulding, 6/4 .....	125.00
No. 2 Moulding, 8/4 .....	130.00
No. 1 Barn, 1 x 12 .....	95.00
No. 1 Barn, 1 x 6 and 8 .....	81.00
No. 1 Barn, 1 x 10 .....	85.00
No. 2 Barn, 1 x 6 and 8 .....	67.00
No. 2 Barn, 1 x 10 .....	68.00
No. 2 Barn, 1 x 12 .....	80.00
No. 3 Barn, 1 x 6 and 8 .....	52.00
No. 3 Barn, 1 x 10 .....	54.00
No. 3 Barn, 1 x 12 .....	57.00
No. 1 Box 1 x 6 and 8 .....	45.00
No. 1 Box 1 x 10 .....	46.00
No. 1 Box 1 x 12 .....	48.00
No. 1 Box 1 x 13 and up .....	49.00

## BUFFALO

The following quotations on hardwoods represent the jobber buying price at Buffalo and Tonawanda.

### Sap Birch

1 in .....	\$ 90.00	\$ 55.00	\$ 32.00
5/4 and up .....	100.00	58.00	32.00

## Maple

	1s & 2s	No. 1 Com.	No. 2 Com.
1 in. ....	\$ 95.00	\$ 60.00	\$ 32.00
5/4 to 8/4 .....	105.00	65.00	35.00
10/4 to 4 in. ....	110.00	70.00	35.00

## Soft Elm

1 in. ....	70.00	45.00	30.00
5/4 to 2 in. ....	75.00	50.00	30.00

## Red Birch

1 in. ....	120.00	75.00	
5/4 and up .....	125.00	80.00	

## Basswood

1 in. ....	\$ 85.00	\$ 52.00	\$ 32.00
5/4 to 2 in. ....	90.00	58.00	32.00

## Plain Oak

1 in. ....	105.00	65.00	35.00
5/4 to 2 in. ....	115.00	70.00	38.00

## White Ash

1 in. ....	95.00	60.00	35.00
5/4 to 2 in. ....	105.00	70.00	35.00
10/4 and up .....	125.00	95.00	35.00

## BOSTON

Quotations given below are for highest grades of Michigan and Canadian White Pine and Eastern Canadian Spruce as required in the New England market in car loads.

White Pine Uppers, 1 in. ....	\$232.00
White Pine Uppers, 1 1/4, 1 1/2, 2 in. ..	232.00
White Pine Uppers, 1 1/4, 1 1/2, 2 in. ..	255.00
Selects, 1 in. ....	207.00
Selects, 1 1/4, 2 in. ....	207.00
Selects, 2 1/2, 3 in. ....	232.00
Fine Common, 1 in. 20% 12 in. and up	188.00
Fine Common, 1 x 8 and up .....	188.00
Fine Common, 1 1/4 to 2 in. ....	193.00
Fine Common, 2 1/2 to 3 in. ....	233.00
Fine Common, 4 in. ....	258.00
1 in. Shaky Clear .....	120.00
1 1/4 in. to 2 in. Shaky Clear .....	130.00
1 in. No. 2 Dressing .....	90.00
1 1/4 in. to 2 in. No. 2 Dressing .....	100.00
No. 1 Cuts 1 in. ....	148.00
No. 1 Cuts, 1 1/4 to 2 in. ....	163.00
No. 1 Cuts, 2 1/2 to 3 in. ....	193.00
No. 2 Cuts, 1 in. ....	95.00
No. 2 Cuts, 1 1/4 to 2 in. ....	135.00
Barn Boards, No. 1, 1 x 12 .....	105.00
Barn Boards, No. 1, 1 x 10 .....	96.00
Barn Boards, No. 1, 1 x 8 .....	93.00
Barn Boards, No. 2, 1 x 12 .....	91.00
Barn Boards, No. 2, 1 x 8 .....	80.00
Barn Boards, No. 2, 1 x 10 .....	80.00
Barn Boards, No. 3, 1 x 12 .....	69.00
Barn Boards, No. 3, 1 x 10 .....	68.00
Barn Boards, No. 3, 1 x 8 .....	65.00

## No. 1 Clear

Can. Spruce, No. 1 and clear, 1 x 4 to 9" ..	\$75. \$85.
Can. Spruce, 1 x 10 in. ....	88.00
Can. Spruce, No. 1, 1 x 4 to 7 in. ....	86.00
Can. Spruce, No. 1, 1 x 8 and 9 in. ....	88.00
Can. Spruce, No. 1, 1 x 10 in. ....	90.00
Can. Spruce, No. 2, 1 x 4 and 5 in. ....	36.00
Can. Spruce, No. 2, 1 x 6 and 7 in. ....	39.00
Can. Spruce, No. 2, 1x 8 and 9 in. ....	42.00
Can. Spruce, No. 2, 1 x 10 in. ....	44.00
Can. Spruce, No. 2, 1 x 12 in. ....	44.00

## Spruce Dimension

8" & under 20' & under \$48.00 to \$50.00 base.	
9" & under 20' & under \$49.00 to \$51.00 base.	
10" & under 20' & under \$50.00 to \$52.00 base.	

## Merchantable Spruce

2 x 3, 4, 6, 7 random .....	\$38.00 to \$40.00
2 x 8 and 9 random .....	46.00 to 50.00
2 x 10 random .....	46.00 to 50.00
2 x 12 random .....	48.00 to 51.00
All other random lengths, 7 in. and under 8 ft. and up .....	40.00
5 in. and up merchantable boards, 8 ft. and up, D 1s .....	35.00
1 x 2 .....	38.00
1 x 3 .....	36.00
1 1/2 in. Spruce Lath .....	9.50
1 1/2 in. Spruce Lath .....	8.50

## New Brunswick Cedar Shingles

Extras .....	\$ 6.25	\$ 6.50
Clears .....	5.25	5.50
Second Clears .....		4.00
Clear Whites .....		3.50



**Second Hand  
Machinery &  
Equipment  
Wanted &  
For Sale**

# Quick Action Section

**Special Lots  
Of Lumber—  
Positions  
Wanted &  
Vacant**

## Lumber Wanted

WE are always in the market to buy Pulpwood and odd lots of lumber. P. O. Box 643, Montreal. 6-T.f.

### Offers Wanted

for 2" and 3" Prime Hardrock Maple for English importers. State price and delivery. Box 104, Canada Lumberman, Toronto. 3-8

### Wanted

Ten carloads Hard Maple 1 1/4" x 3 1/4" x 18" and up in length. For further particulars, apply to Box 155, Canada Lumberman, Toronto. 5-T.f.

### Wanted

Number one Birch and White Oak Logs, in carload lots. Quote price F.O.B. shipping point. Apply Box No. 143, Canada Lumberman, Toronto. 5-8

### Wanted

Ten carloads of good No. 1 Common and Better 4/4 White winter cut Basswood. For further particulars, apply to Box 191, Canada Lumberman, Toronto. 7-T.f.

### WANTED

CLEAR MAPLE, 50% in pieces, 1 x 3 x 4' 50% in pieces 1 1/4 x 2 x 4'.  
CLEAR FACE MAPLE STRIPS, 1 1/4 x 3 x 18, 27 and 36" long. Quote f.o.b. Mill. Will inspect and pay cash when loaded.  
POWELL LUMBER & TIMBER CORP., 43 Davis St., Long Island City, N. Y. 6-9

### Wanted - Birch

and other Hardwoods suitable for the U. S. trade, graded or log run. Cash as loaded. Give loading point and full description together with estimated grades. Wallace H. Partridge, Inc., Springfield, Mass. 5-T.f.

### Birch Lumber Wanted

Several cars of 2" & 2 1/2", Merchantable Quality, complete run of the log, mill culls out, or No. 2 Common & Better. Send offers stating lowest cash price f.o.b. mill, to Box 179, Canada Lumberman, Toronto. 7-10

### Lath Wanted

For Detroit delivery: 10 cars 4' No. 1; 10 cars 4' No. 2; 5 cars 32" Mill Run—all White Pine. For Cleveland, Ohio, delivery: 2 cars 32" Mill Run White Pine, Lath must be well manufactured (3/4" x 1 1/2") and carefully graded. Brewster Loud Lumber Co., 333 State Street, Detroit, Michigan. 6-9

### Wanted to Buy

Several million feet of 2" and 3" by 4" and wider Merchantable Quality 4ths and Better Spruce. Send particulars giving description of stock, specification as to widths and lengths, quoting lowest cash price f.o.b. mill, to Box No. 186, Canada Lumberman, Toronto. 7-10

### Wanted

15 cars 1 1/4" Winter Cut Basswood Log Run. 12 cars 2 1/2" and 3" No. 1 Com. & FAS Soft Elm.  
5 cars each 2", 2 1/4" and 3" Hard Maple, No. 1 Com. & FAS.  
10 cars Birch logs, good size and quality. Write Conroy-Buchanan Lumber Co., Jamestown, N. Y. 4-7

### Wanted to Buy

5 cars 4' No. 2 White Pine Lath.  
5 cars 4' No. 3 White Pine Lath.  
5 cars 4' No. 3 Red Pine Lath.  
5 cars each 2 x 4—16', 2 x 4—10 to 16 and 2 x 8—12'—14'—16' Jack Pine or Spruce.  
Duttweiler Weiler Lumber Co., 413 The Arcade, Cleveland, Ohio. 7-10

### PUBLISHER'S NOTICE

Advertisements other than "Employment Wanted" or "Employees Wanted" will be inserted in this department at the rate of 25 cents per agate line (14 agate lines make one inch). \$8.50 per inch, each insertion, payable in advance. Space measured from rule to rule. When four or more consecutive insertions of the same advertisement are ordered a discount of 25 per cent. will be allowed.

Advertisements of "Wanted Employment" will be inserted at the rate of one cent a word, net. Cash must accompany order. If Canada Lumberman box number is used, enclose ten cents extra for postage in forwarding replies. Minimum charge 25 cents.

Advertisements of "Wanted Employees" will be inserted at the rate of two cents a word, net. Cash must accompany the order. Minimum charge 50 cents.

Advertisements must be received not later than the 10th and 20th of each month to insure insertion in the subsequent issue.

### Wanted to Purchase

3/8 x 3 and up, 5th and better Spruce either dry or green. Also stock of winter-sawed or summer-sawed scant 2". Address H. V. Berry, Fort Plain, N. Y. 7-10

### Wanted

2 Million feet spruce, jack pine and hemlock for spring delivery.  
10,000 cords of spruce peeled and rough pulpwood.  
10,000 cords of peeled poplar.  
50,000 cedar, hemlock and jack pine ties.  
Apply to Quebec Lumber Co., 140 St. Peter St., Quebec, Que. 5-8

### Dry Hard Maple Wanted in Carload Lots

1 1/4" x 3" in lengths of 18", 27", 36", 45" etc.  
1 1/4" x 3 1/4" same lengths.  
1 1/4" x 2 1/2" x 49" (one half each size.)

1 " x 3 1/2" x 49"  
All to be free from defects.  
Will contract for mill cuts of hard maple to be sawn into these sizes after lumber is dry, shipment next summer and fall.  
Box No. 989, Canada Lumberman, Toronto. 8-T.f.

### DIMENSION STOCK

We want to buy dry stock for prompt shipment or for future shipment.

#### FURNITURE SQUARES

2 x 2 — 19" 2 x 2 — 30"  
2 1/2 x 2 1/2 — 30" 3 x 3 — 30"

Write us if you can furnish and quote prices to

THE TUNIS LUMBER COMPANY,  
P.O. Box No. 750, Cincinnati, Ohio. 8-11

## Lumber For Sale

### For Sale

Slack barrel and keg material by the carload. R. J. Miller, Blacklands, Siding, N.B. 3-14

### For Sale

Spruce and Cedar Lath, also a car or more of Birch and Ash Squares, all 4 ft. in length. D. I. Warren, Warren, Ont. 8

### Dry Hardwood for Sale

100,000 ft. Birch, Maple, Beech, Oak and Ash Sawn 2", 3" and 4" thick. Chapeau Lumber Company, Fort Coulonge, P.Q. 4-T.f.

### For Sale

1 million ft. Fir and Larch, to be cut in dimensions, several cars 3 x 12 small timbers up to 12 x 12. Michael Dumont, Bridesville, B. C. 5-8

### PULPWOOD

We can supply and would like to contract for 5,000 cords peeled poplar pulpwood and 2,000 cords of peeled spruce and balsam for delivery winter 1924. Address reply to Box 200, Canada Lumberman, Toronto. 8-9

## SACRIFICE SALE of Birch and Hemlock Limit

27 square miles—Powassan vicinity, 4 miles from Railway Siding. Choicest Birch and Hemlock in Ontario. Operated this season for the first time in thirty years.

### Estimate:

Birch	20,000,000
Hemlock	15,000,000
Pine	2,000,000
Railway Ties	350,000

A large quantity of Pulpwood, Telephone Posts, Hemlock Bark, Chemical Wood, etc.

Owing to ill health, the owner offers the above as going concern at a great sacrifice. Easy terms or stumpage basis. Apply to Owner, Box 219, Canada Lumberman, Toronto. 8

## Machinery Wanted

### Wanted

30" to 34" Main Drive Belt about 120 ft. long. Give full particulars, nothing but good stock considered. Box 185, Canada Lumberman, Toronto. 7-8

## Machinery For Sale

### For Quick Disposal

Woodworking Machinery for sale. State requirements P.O. Box 385, Montreal. 8

### For Sale

1 Waterous Pony Bond \$635.00. 1 E. Long 36" right hand Edger with 8 collars, \$365.00. All in good condition. Box 136, Canada Lumberman, Toronto. 5-10

### For Sale

Two Steam Engines. About 100 H.P. each. Both in fine running condition. Very low price for quick sale. Address, The Maitland Lumber Co. Ltd., Liverpool, N. S. 5-8

### Corliss Engine for Sale

One Goldie & McCulloch tandem compound Corliss condensing engine, latest type, 16" x 30" x 36"; fly wheel 14' x 32" face; almost as good as new; can be seen at our plant here. The T. H. Taylor Company Limited, Chatham, Ontario. 8-11

### Wickes Gang

GANG: No. 12 Wickes Gang, 40" sash, 15" stroke, steam boiler rolls, front and back in two sections, feed and oscillation combined, 1908 model, and has been in use for five years. We furnish with this gang 11 rolls for cants and stock, one filing machine, and 4 sets of saws.

THE PEMBROKE LUMBER CO.,  
1 T.f. Pembroke, Ont.

### For Sale

One heavy double surfacer 26", in good order, divided rolls on top, opens 8" high. J. & W. Duncan, Ltd., 1801 Ontario St. E., Montreal, Que. 8

### For Sale

One Jenckes Boiler 12' x 54".  
One Jenckes Boiler 14' x 60".  
One 16" x 20" Jenckes Slide Valve Engine. Above all complete with fittings and in first class condition. Further particulars on request. Bissell-Irwin Lumber Company, Sherbrooke, Quebec. 8-11

### For Sale

LANE NO. 2 SPECIAL SAWMILL Steam feed, Edger, log haul-up, engine, pump and other machinery at Platt Cove, N.Y. Tubular boilers, engines, pulpwood rossers, etc., at Tupper Lake, N.Y. The Santa Clara Lumber Co., Tupper Lake, N.Y. 8-11

### Used Machinery for Sale

Having installed larger machines, we are offering a 74" Veneer Lathe, can be seen daily in operation, 37" Model "E" Francis Glue Spreader for waterproof glue, 6, 38" Four Screw Iron Veneer Presses. Hay & Company, Limited, Woodstock, Ontario. 8-11

### For Sale

1 pair twin Engines, 12 H.P. Waterous make, feed for Saw Carriage, with rope and connections, open for inspections. Price \$150.00 F.O.B. cars. About 50 boom chains with bar and ring, 7/16 x 3/8—7" & 8" long, in good condition. Price each F.O.B. cars \$2.00. Parker Bros., Parkersville, Ont. 8-9

### For Sale

1—7" Steam Feed  
1—Medium weight Carriage 40" opening, Double acting set works.  
1—Balance Wheel, 8 ft. dia. 4" rim 4 1/2" bore, approximate weight 20 hundred.  
50 ft. Smoke Stack—24 in. dia.  
1—Champion Steam Engine 8 x 10.  
L. Robertson, Ardbeg, P. O., Deer Lake, Ont. 5-8

### Corliss Engine for Sale

An E. Leonard & Sons 18" x 36" horizontal 175 h.p. Corliss Steam Engine; heavy duty girder frame and overhead; 12' x 24" band wheel and ball governor; in first class condition. Will sell at a bargain. The American Pad & Textile Co., Chatham, Ont. 6-9

## For Sale

### Priced at Worth-While Saving Prices

No. 118 BERLIN Heavy Pattern Inside Moulder.  
No. 218—30" C.M.C. Heavy Cabinet Planer, with round Safety Cylinder with High Speed Knives. Sectional Rolls and Chip Breaker—equal to new.  
No. 660 GREENLEE 8"—4 sided Heavy Pattern Moulder.  
No. 65 OLIVER Self-Feed Rip Saw.  
No. 824 C.M.C. 24" Buzz Planer—equal new.  
No. 823 C.M.C. 20" Buzz Planer—equal new.  
No. 712 C.M.C. 36" Heavy Band Saw.  
No. 201 GREENLEE Horizontal Hollow Chisel Mortiser—equal new.  
No. 511 C.M.C. Blind Slat Tenoner.  
No. 803 C.M.C. High Speed Ball Bearing Shaper—like new.  
No. 916 C.M.C. Vertical Wood Borer—like new.  
No. 823 C.M.C. 20" Wood Lathe, Double End—equal new.  
No. 438 McGregor-Gourlay Hollow-Arm Sander.

We will be only too pleased to send you descriptive circulars as well as attractive prices upon request.

WILLIAMS & WILSON LIMITED,  
No. 84 Inspector Street,  
Montreal. 7-8



## For Sale

One second hand 1921 Model, 1½ ton Ford truck, complete with Olson extension rack body and cab in good repair.  
One second hand circular saw grinder.  
One second hand 18" plate grain grinder, double revolving plates.  
One 52" inserted point circular saw.

Card Bros., Mountain Grove, Ont. 8

## Two Complete Used Hardwood Flooring Units

Can Ship at Once

American No. 77—Fast Feed Flooring machine with roller, hold down and short stocks attachment, Butting Saw, End Matcher and Edger—\$3,500.

Woods No. 28—Flooring Machine, Butting Saw, Edger and End Matcher—\$1,800.

Write for particulars if interested.  
Box 218, Canada Lumberman, Toronto.

## Machinery for Sale

1—72" x 16' H.R.T. Boiler, complete with all fittings, 100 lbs. W.S.P.

1—60 H.P. Locomotive Firebox Boiler, complete, stamped for 130 lbs. W.S.P.

1—70 H.P. Locomotive Firebox Boiler, complete, stamped for 115 lbs. W.S.P.

1—3-saw Double Edger, E. Long & Co. Manufacturer.

2.—Surface Planers, 24" and 26".

LEVY & WESTWOOD MACHINERY COMPANY, TORONTO. 8

## Situations Wanted

WANTED—Position as city salesman on commission basis. Experienced—references. Box 183, Canada Lumberman, Toronto. 7-8

EXPERIENCED LUMBER SALESMAN and buyer. Good connections in Ontario and Province of Quebec, both languages. Box 221, Canada Lumberman, Toronto. 8-9

POSITION WANTED by a first class Band Saw filer, 20 years experience. No job too large. Box 15, Canada Lumberman, Toronto. 5-10

WANTED—Position as band or circular sawyer, on either side. Four years experience. A1 references. Box 220, Canada Lumberman, Toronto. 8

POSITION WANTED by first class band saw filer, twenty-three years experience, best of references. No job too large. Box 209 Canada Lumberman, Toronto. 8

LUMBER SALESMAN, twelve years experience buying and selling forest products, best of references furnished. Apply Box 198, Canada Lumberman, Toronto. 8

WANTED—Position as Superintendent of Manager of Lumber company. 20 years experience from stump to market. English and French languages. Box 222, Canada Lumberman, Toronto. 8-9

WHOLESALE LUMBER SALESMAN open for position—prefer Western Ontario, Michigan and Ohio—good connection. Experienced both selling and buying. Box No. 203, Canada Lumberman, Toronto. 8

WANTED—Position as manager or superintendent of lumber company. Eighteen years practical experience. Six years as manager. Best of references, both languages. Thirty-seven years old, married. Box 204, Canada Lumberman, Toronto. 8

LUMBER OFFICE MAN—Competent Bookkeeper with 15 years practical experience in yards and mills, also six years in woods department as office manager, open for engagement. Would accept subordinate position with progressive company, if prospects for advancement were good. Box 214, Canada Lumberman, Toronto. 8

POSITION AS SUPERINTENDENT of lumber company. Eighteen years experience logging, river-driving, sawmilling, etc., or would take charge of bush operations for pulp company. First class references. Box 197 Canada Lumberman, Toronto., 8

WANTED—Position as woods superintendent. Twenty years experience in logging and river driving logs or pulpwood. Can handle the business thoroughly, either jobbers or company camps. Best of references, both languages, and married. Box 146, Canada Lumberman, Toronto. 5-8

SAWYER WANTS POSITION in mill, capacity not more than thirty thousand per day, ten years experience, used to fast friction feed and nigger, no experience in steam feed. Would accept year round position, close to school, also millwright and handy with blacksmithing. Box No. 210, Canada Lumberman, Toronto. 8

YARD FOREMAN and inspector open for position in large wholesale hardwood lumber yard, 13 years experience buying and shipping lumber on the road, also experience in pine yards, understands National Hardwood rules. Reliable and careful worker. Apply Box 178, Canada Lumberman, Toronto. 7-8

EXPERIENCED LUMBER BUYER AND INSPECTOR of hardwood lumber open for position April 1st, understands the National rules, 14 years experience buying and shipping to United States and English markets, also Canadian manufacturers. Would be willing to handle selling end. Apply Box 177, Canada Lumberman, Toronto. 7-8

YOUNG MAN, 24, wishes progressive position with lumber firm. 3½ years experience in lumber manufacturers' office and yard. Experience shipping cars and cargoes. Payrolls and general office routine. Can operate typewriter. Prefer part outdoor work. Go anywhere. Box 169, Canada Lumberman, Toronto. 6-7

HAVE YOU A PLACE in your concern for a young man of ability, integrity and 5½ years' experience in lumber offices? I want to secure a permanent position that has good future with Wholesaler or Manufacturer. Have good knowledge of all departments but would prefer position in Order and Sales department. Excellent references furnished and replies treated confidentially. Box 208 Canada Lumberman, Toronto. 8-9

PERMANENT, PROGRESSIVE POSITION desired May 1st or after. Good, all-round office man. Age 39, married. Twenty years lumber trade experience. Can work without supervision and handle correspondence and all duties. Have experience in Hardwood and Softwoods. Initial salary not main point provided reasonable prospects. First class references and can put up security if necessary. Write Box 161, Canada Lumberman, Toronto. 6-8

## Situations Vacant

WANTED SETTER, for first May, Clark's steam set works. Must be good man. Apply, stating wages and experience to Finch, Pruyn & Co., Inc., Henry River, P.Q. 8

WANTED: Sawyer for small circular mill cutting hardwood, Parry Sound district, one who can hammer saws preferred. Apply stating age, experience and wages expected. Box 223, Canada Lumberman, Toronto. 8

### Wanted

General Manager for Company engaged in building, contracting and manufacturing wood products. Apply Box 207, Canada Lumberman, Toronto. 8

REQUIRED—Experienced lumber buyer and inspector of both hardwood and softwood lumber. One understanding National Rules preferred. Must be acquainted with mills and have knowledge of buying and selling values. Apply in strict confidence, stating age, experience and salary expected to Box No. 212, Canada Lumberman, Toronto. 8-11

## Business Chances

### Business Opportunity

Want partner for woodworking business; moving and enlarging. Man with \$10,000 to \$12,000 capital and experienced in factory production preferred. Box 159, Canada Lumberman, Toronto. 6-9

### For Sale

SPECIAL OPPORTUNITY, to join with owner of valuable timber property on waters tributary to main line of C. P. R. in British Columbia.

Cedar, Spruce, White Pine and Hemlock 120,000,000 feet.

Would dispose of part interest on very attractive basis.

Full particulars on application to H. Y. T.,

### Lumbermen

Please send your stock sheets with prices delivered, Detroit on hardwood lumber, also customer's contract for mill-cuts to A. H. David, 2626 Taylor Ave., Detroit, Mich 1-11

### Wanted

to correspond with parties who can deliver 500,000 feet or more 8' jack pine logs to vessels anywhere in Georgian Bay. Address Hine Lumber Co., 3-123 General Motors Building, Detroit, Mich., U. S. A. 5-8

### For Sale

Mill and Timber Limits for sale. Timber large proportion Hardwood. Mill twenty thousand capacity. Large cattle and breeding ranch. Will sell with or without ranch. Located in Eastern Ontario. Address Box No. 50, Canada Lumberman, Toronto. 22T-1.

### Sawmill and Timber Limit for Sale

Saw Mill located on the Canadian National Railway, Rawdon, Que., fully equipped, with 18 square miles of limits, assorted timber, at a bargain.

For further particulars apply

R. H. Miner Company, Ltd.,  
207 St. James St.,

7-10 Montreal.

### For Sale

Free Hold Timber limit, 8 square miles, 80% spruce balance balsam and jackpine. A sawmill with modern machinery and complete outfit. Sale in block or at \$2.50 per cord standing, limit situated at Greening, Quebec.

For information call

JULES BRETON, Manager,

The Bedard Lumber Company Limited,  
6-9 Joliette, Quebec.

### For Sale Cheap

Circular Sawmill, Building and Machinery, Steam Feed, suitable for Ties and Lumber.

also

Small two-storey Brick Factory, well-located, with or without woodworking machinery. Apply to John Harrison & Sons Co., Limited, Owen Sound. 24 T.1

### For Sale

Timber Berth No. 200 in the Township of Morin on the North shore of Lake Huron containing 34½ square miles more or less. The limit contains mainly white pine, there is also a large quantity of spruce, cedar, birch and hemlock. A list of supplies on hand and equipment may be seen at the depot. A complete logging and driving outfit consisting of sleighs, boats, two gasoline launches, thirty-four horses, etc. Tenders will be received by Fraser & Co., 74 Nepean St., Ottawa, up to the 10th of May 1923. Further particulars may be had on application. 5-9

## The Canadian Land and Immigration Company of Haliburton, Limited

This Company owns in fee simple over 300,000 acres of timber lands in Central Ontario. These lands are well timbered with Spruce, Balsam, Hemlock, Basswood, Birch, Maple, Ash and Cedar and considerable Pine.

The timber on this property will be sold in blocks of from 10,000 to 50,000 acres with a reasonable time to take same off. Or the land and timber will be sold together.

There are two Railroads running into the property, one into the Southwest corner and the other into the Southeast corner.

This territory is so well interspersed with lakes and rivers that the cost of getting out the timber is comparatively small.

As the property is held in fee simple there are no Government dues or restrictions as to manufacture, therefore, anything cut on the property can be exported in its raw state.

Maps and plans and further particulars will be given on application to the undersigned.

W. H. LOCKHART GORDON,  
Managing Director,  
79 Adelaide Street East,  
Toronto.

6-9

### For Sale

Rixon-Ainslie-Stoddart Sawmill at Owen Sound. Splendid power plant and machinery. Will be sold cheap. Apply Keenan Bros., Ltd., Owen Sound, Ont. 23 T.1

## Wanted

To buy a whole or controlling interest in a timber proposition of real merit. Preferably Northern Ontario. Apply S. A. M., 9 College Street, Toronto. 6-9

### Western Lumber Manufacturers, Attention!

Aggressive Eastern lumber salesman with signally successful sales record of ten years, intends starting wholesale business of his own. Has splendid Eastern connection and would like to hear from reputable, well established Coast and Mountain manufacturers who desire representation in Eastern Canada or who may not be satisfied with their present selling arrangements. Satisfactory results guaranteed, and first class references furnished. All communications confidential and promptly answered. Address in first instance Box 211, Canada Lumberman, Toronto. 8

## Pulpwood Limit

We have for sale licenses on two townships of about 72 square miles between Parry Sound and Sudbury. The timber on these townships is mostly poplar pulpwood and is exportable to the United States. Also there is a large quantity of other timber, spruce and balsam pulpwood, jack pine ties, elm, oak, etc.

The longest haul to the railroad would be about six miles and the average around three miles.

For further particulars apply to

Mulholland and Company  
23 Jordan Street, Toronto, Ont.

6-9

## Miscellaneous

### For Sale

20 double lumber wagons, principally Bain manufacture, 4" tires. Apply Barrett Bros., 260 Catherine St., Ottawa. 8-9

### D. FLORENCE & SONS

Bethune St., Peterborough, Ont.

Dealers in Scrap Iron, Metals, Second-Hand Machinery, Pipes, etc. 2-24

## Scrap Iron Wanted

All kinds of scrap iron and broken machinery bought at all times. Highest market price paid. D. Florence & Son, Peterboro, Ont. 7-10

## Where?

Where can I sell? Where can I get in ahead of my competitors? Where can I do more business at less expense?

MacLean Building Reports will give you accurate, advance information on every building and engineering contract of consequence in the Dominion.

Write today for rates and free sample reports.

### MacLEAN BUILDING REPORTS Ltd

345 Adelaide St. W. - - - TORONTO  
119 Board of Trade Bldg. - - - MONTREAL  
325 Main St. - - - WINNIPEG  
106 Winch Building - - - VANCOUVER



# Review of Current Trade Conditions

## Stiffer Quotations Go Into Effect at Ottawa

Sharp price advances ranging from two to fifteen dollars per M. took place in manufacturer's prices, and effected practically all grades of stock, in the Ottawa lumber market during the opening period of April.

Good sidings in all grades advanced from five to ten dollars per thousand feet. Two grades of good strips advanced \$15 per M., and good shorts and box boards went higher under the new quotations. The new price on good pine sidings 2 by 7 in. and up, the highest price listed on the Ottawa market, was \$175. One and one quarter inch and one half inch in the same grade, advanced to \$170. Good pine strips one and a quarter by one and one half inch, formerly selling at \$120 per M. went up to \$135. The two inch stock in the same grade made a fifteen dollar advance.

All the red pine grades showed an advance, as did some grades of mill run spruce. Lath advanced from one to three dollars per thousand pieces.

The announcement of the new manufacturer's prices, followed on a spring market which was only fairly active, but which showed much promise of improving. Only two factors appear visible in the upward trend of prices, which had been formerly predicted by the correspondent of the "Canada Lumberman." They were the increased building activity in the United States, and the shortage of many grades of stock, in the Ottawa Valley.

Shortly after the advance of the manufacturers was learned, the information was also received by your correspondent that some buyers had already put in orders for part of the 1923 sawmill cut.

Orders from the United States showed only a slight increase with those received in March. Inquiries were more numerous, and were indicative of better business. The call from the U. S. for box boards and even mill culls, was taken as a prophetic symptom of the demand for the year. The jump of from ten to fifteen dollars advances in the better grades, indicated that the lumbermen were now sure of a market and the old trade law of supply and demand was beginning to assert itself.

The furthering of shipments, created by former orders, grew a little better due to the more springlike conditions, and the lifting of some embargoes at American entry ports. There were, however, still many entry points under embargos which are causing local shippers considerable worry. The car situation was easier.

The domestic demand, while it showed some improvement, did not keep pace with the demand from the United States. Building prospects, however continued fairly bright, but the most unseasonable weather which prevailed over the first part of the month, held back a considerable amount of building. The new Auditorium, which will cost close to \$200,000 and a new bank on Sparks Street by the bank of Nova Scotia are two of the largest building projects in view.

The March building permits indicated well of the future, when 35 permits were issued calling for construction having an estimated valuation of \$90,225. Up to March 31st, there had been 57 permits issued calling for building valued at \$145,698. Permits for larger projects which will be gone on with, have not yet been granted.

Reports from the woods camps indicate that a fairly satisfactory season has been passed, and the indications are that the cut has been considerably increased. All the operators are waiting for now is the thawing of the snow to provide water to float their logs to the mills. Owing to unusually cold weather which has prevailed, it is not likely that many of the sawmills in the Ottawa Valley will be able to get under way until around May 1st.

Conditions with the woodworking plants and factories was reported as being slow, with a large amount of labor available. From present signs it does not look that there will be any advance in the wages of plant or factory in 1923.

Other conditions, as applicable to the market, did not show much, if any general change.

## St. John Reports Good Demand and Firm Prices

According to a general impression of the lumber dealers in St. John, N.B., the demand for lumber this spring will be heavy. This is due to the fact that there is a building boom on in the United States. Prices remain firm and the latest quotations from the American market show that the price for Provincial random is \$40 per M. This is attributed largely to the fact that it is difficult to get shipments through, owing to car shortage and embargoes. During

the last few weeks the figure for Provincial random increased three dollars.

While the American market is good, the same cannot be said of the English demand. However, considerable quantities of stock are being shipped by some of the ocean going liners and the hope is expressed that matters will, at least, hold its own until conditions in Europe become more stabilized.

One large dealer referring to the state of the English market said it would be much better if it would become stable than to show any sudden strength and then drop off again.

There is a fear expressed among some dealers regarding the labor question and it is said that large numbers of skilled hands are leaving these parts, drawn away by lucrative offers from other centres. If this continues it is bound to have a detrimental effect on conditions generally.

With reference to the price of spruce it is pointed out that it is being kept down as a result of western shipments.

## How Quebec Exporters View Lumber Outlook

With one exception, Capt. John F. Burstall, head of the timber firm of John Burstall & Company, the reports from representatives of Quebec firms, who have been in the United Kingdom since the beginning of February, are, to say the least, not very encouraging. Capt. Burstall, who is as popular in England as he is in Canada, has sold more timber in the British market this trip than he did in 1922. His good fortune in this respect was related by one of the firm's partners recently to the Quebec correspondent of the "Canada Lumberman." This does not, however, mean to convey that the other Quebec representatives in the United Kingdom are not getting a fair share of the trade. It does mean, however, that they are not meeting with the business success which they had anticipated before going abroad, and, at the same time, goes far to corroborate the previews of the situation as forecasted by your correspondent in these columns.

In the meantime, present indications must not be construed pessimistically for judging the situation as it really exists. Canadian export firms must make allowance for the political difficulties which still remain unsettled in Europe to influence United Kingdom importers in cautious, conservative purchasing, though it is generally conceded by British financial and industrial experts, provided that there is no new war, Great Britain has entered upon the road to recovery and that 1923 will show a substantial advance over the trade of 1922.

Nevertheless, there is a feeling of nervousness prevailing in the minds of the monetary interests in England at the prolongation of the overtures made in national European diplomatic circles for the consummation of peace. This was evidenced in a large number of company meetings held in the various centres of Great Britain during the month of March, which were characterized by the terse speeches made and the remarks that "it was as difficult now, as in 1915, to say anything about the future, by reason of the deferment of that peace in the world which is greatly longed for." The latest reports, however, received since the holding of these meetings, tend to dissipate their expressed fear. The reports, while not specific as regards to certainty, give hope that the political situation overseas is clearing and that a silver lining has made its appearance in the dark clouds, with the prospect of a peaceful settlement of the Near East question in the early future as well as the Ruhr difficulty.

In so far as the United Kingdom is concerned, it must be recalled that 1922 was a year of depression in trade as a whole. Notwithstanding, as the year grew older, business picked up wonderfully to restore confidence. The same may result, even to a greater degree, in the second half of 1923, in which the Canadian timber exporter will assuredly share.

It is evident that the Irish Free State Government will overcome the rebellious opposition in the course of another two months, or three months at the longest period. When this much-looked-for result does occur, a construction boom will follow in Ireland that will cause a large demand for Canadian lumber. This is the opinion of the agents of the Quebec export firms in the south as well as the north of Ireland who have their eye continually focussed on the situation.

The great drawbacks these days to normalcy in the United Kingdom, as well as in the United States and Canada, are demands by skilled and unskilled labor, which have become so acute to the





View of Mills in Sarnia

## ***“On Time” Delivery***

Getting the goods delivered ON TIME is just as important as being able to produce them—and we make a specialty of both. Ask any retailer or woodworking establishment who has been using our A 1 NORWAY or WHITE PINE LUMBER.

We also make a specialty of heavy timbers, cut to order any length up to 60 feet from Pine or B.C. Fir. Quotations will be gladly forwarded upon request.

***“Rush Orders Rushed”***

# **Cleveland-Sarnia Sawmills Co., Limited**

**SARNIA, ONTARIO**

B. P. BOLE, Pres.   F. H. GOFF, Vice-Pres.   E. C. BARRE, Gen. Mgr.   W. A. SAURWEIN, Ass't. Mgr.



disadvantage of the world's re-establishment towards normalcy, that it must be met with drastic measures. The latest reports from Great Britain announce a demand for higher wages in the building trades which, if persisted in, will undoubtedly curtail construction. The same conditions apply to labor in Canada, especially on account of the shortage of skilled help in the building trade, which is having the effect of investors postponing their operations.

Here in Quebec and the surrounding district, where there is a shortage of dwellings, many persons who were inclined to invest their capital in construction and had planned to carry out their intentions during the spring, have become frightened by the aggressive demands of labor, and, in consequence, have decided to withhold their money until the labor market becomes more sane.

In the meantime, the general investing public place the blame on the federal government and the provincial legislatures for pandering continually to labor and its vote, to the detriment of capital and the general public. It is pointed out that labor is only eight per cent of Canada's population and yet the federal and provincial administrations encourage the eight per cent to the detriment of the remaining ninety-two per cent. The latter, of course, is not organized as unions, the same as the former, and, for this reason, the legislatures agree to persecute the brains of the country in favor of the brawn. The day may come when the intellectual and capital interests of Canada will organize for self-protection and, when that time arrives, the legislative bodies of the Dominion, municipally as well as parliamentary, will be forced to respect the best interests of the country at large.

### Business in Ontario Continues its Favorable Swing

Business in the lumber line continues good although the unfavorable weather at many points has retarded structural operations. However, sales are progressing favorably and prices, owing to the scarcity of stock, show a decided tendency to stiffen. There is a shortage of dry stock at shipping points and wholesalers, who have widths and thicknesses that are in demand, are considered fortunate. The cut this season at all mill points will be very large and it is expected some plants will be in operation by the end of April. It is believed that log-driving conditions this spring will be favorable and labor steady and abundant at most producing centres.

The lath market is very strong at the present time and many inquiries are being received, particularly for spruce lath, which are being shipped in large quantities across the border. The car situation, which seriously interfered with lumber shipments to American points, has improved greatly and a number of embargoes have been raised.

Several more stocks of softwood have been sold at a considerable advance over last year which is in itself a good indication that 1923 will be one of steady trade and increasing confidence in the lumber arena.

Building permits are keeping up well at all the larger centres, and if there would be a general trade revival there would be little to complain of in the whole lumber line. The one great peril is that of runaway prices, and while manufacturers and wholesalers are doing their best to ward off such an undesirable state of affairs, it would look as if the danger point is being approached in certain sales.

Everyone concedes that the lumber business will be active until the end of June but after that no one cares to make predictions. When the new stock comes on the market in large quantities, it is not known whether prices will maintain their present level or recede to a considerable extent.

In the hardwood line there is a large call for birch, elm, maple and basswood. The demand for 5/4, 6/4 and 8/4 No. 1 common and selects and 4/4, 5/4 and 6/4 F.A.S. is good. The call for 8/4 F.A.S. appears to be slow at the present juncture. Dry lumber remains scarce, of course, with the supply of several lines being inadequate to meet the needs of the trade. There seems to be a belief prevalent that lumber manufacturers will this season not have any serious operating difficulties to contend with and they will be in a position to maintain an adequate supply.

Eastern representatives of Coast mills report that there is a fair demand in Ontario and Quebec for mixed car lots and rough clears. The shingle market is rather dull just now but is expected to pick up very soon. While it is not easy to get car lots of many materials, from the Coast, owing to the heavy demand from across the border and the large export trade, it is still possible for shrewd eastern salesmen to closely watch mill stock sheets and have mixed carloads of flooring, ceiling, casing, base, etc., made up and sent in transit. They are able to dispose of this on a satisfactory basis in most instances.

On the whole trade in the lumber line is encouraging with a good basic foundation, and if the farmers have a good crop in 1923

there is no reason why rural retailers, with whom business has been rather dull for some time, will not enjoy a splendid turnover and increasing demand for their products. It may be stated that many yard men are waiting until a consuming demand actually sets in before stocking up to any greater footage basis than what they have in hand at the present time.

There is activity in hardwood flooring and manufacturers report that business with them is very good at the present time and sales are generally running ahead of the corresponding month of last year. All plants are busy and prices in every line of flooring are firm. There was recently an increase of \$5.00 per M in No. 2 factory flooring in maple, birch and beech.

There are grave dangers of a runaway market in the lumber line in spite of all that has been said against it and every precaution that may be taken to guard against a circumstance of this kind. Lumbermen admit that runaway values will prove disastrous to the trade through discouraging building activity. Strange to say the present market is being established by over-eagerness on the part of purchasers rather than a high-price disposition by manufacturers, so certain lumbermen declare.

### Montreal Lumber Orders Represent Big Gain

Conditions in Montreal continue to be satisfactory. Orders received during the first quarter of the year represent a substantial increase as compared with the same period in 1922, with prices higher in every line. The outlook for the immediate future is good, in that people can reasonably expect an extension of general business. Trade reports, both as to domestic and export business, are favorable, and, after all, the lumber industry is mainly influenced by general trade conditions.

There is still a strong demand for spruce by American buyers, who are placing orders for the new cut at values which represent a considerable advance on those paid early last year. The car situation has improved, giving wholesalers a chance to catch up with many shipments delayed on account of lack of cars.

In B.C. forest products, there is a demand for timber for the large contracts for dams and other important jobs which will be carried out this season in the province of Quebec. A considerable amount of timber has already been sold, and other substantial quantities are called for. Prices of B.C. woods continue high.

Some retailers are adopting a cautious policy in the matter of purchasing. These are of the opinion that the advances in the prices of lumber and other building supplies will retard construction, and under such circumstances, retailers declare that they are not prepared to buy stocks for which the demand is likely to be slow. The figures of the building permits for Montreal, however, do not support this theory. For the month of March the total was \$1,999,200., an increase of \$1,063,487., while for the first quarter of the year the total was \$3,803,910, a gain of \$2,090,637. There are indications that workmen will want more wages; bricklayers have already intimated that they will ask for \$1.00 per hour, and at a meeting of the building trades in Montreal it was foreshadowed that higher pay will be expected when the season opens. Greater cost of living was stated to be the ground of the request for more money.

The exports of pulpwood are increasing. While those for February totalled 99,830 cords of a value of \$866,128., compared with 133,328 cords, valued at \$1,795,886. in January, the total for the eleven months of the fiscal year show a substantial increase. Thus for the current year they were 982,969 cords, valued at \$9,772,219., as compared with 728,969 cords valued at \$8,923,167., in the previous eleven months. Both American and Canadian pulp and paper companies have been steadily eating into their piles, owing to the immense demand for newsprint. The stocks in dealers' hands are reported to be low. Prices have recently advanced and \$14.00 to \$15.00 per cord for peeled wood, f.o.b. point of shipment, are now quoted.

### Encouraging Demand for Western Lumber

In British Columbia the lumber industry continues to be active, although changes now contemplated in foreign tariffs may, if brought into force, interrupt the present large volume of exports, states the Bank of Commerce Commercial Letter for March. At present there is a heavy demand from the United States and a revival in buying from the Prairie provinces and Australia, while Japan, India, the United Kingdom and South America continue to press their demands. The only drawback is a shortage of vessel space, which is expected to continue during the next two months. Loggers recently advanced prices \$1 per thousand feet, and stocks are low, but this will remedy itself as soon as weather conditions are more favorable for towing. Reports from central and eastern Canada as to the demand for lumber are of an encouraging character.



# CAMP PROVISIONS

TEA, COFFEE,  
FIGS, PRUNES,  
PICKLES, PEAS,  
BEANS, RAISINS,  
MOLASSES,  
SUGAR  
CANNED GOODS

Camp operators and boarding-house keepers who avail themselves of our provisioning service are rewarded with very low prices on many lines. These are made possible by our wholesale grocery business which permits us to buy in large quantities, to take advantage of every cut in the market and pass it on to our customers. Ever since commencing our business we have paid particular attention to supplying lumber and contractors' camps and have developed a service which is all that could be desired.

Let us quote on your requirements. Samples furnished.

## H. P. ECKARDT & CO.

Church St. and Esplanade, Toronto

**The Otis Staples Lumber Co., Ltd.**  
Wycliffe, B. C.

### Larch and Fir

Dimension	Clears
Boards	Crating
Shiplap	Box Lumber

Edge grain larch flooring a Specialty

### Western White Pine

Clears and Commons

Inquiries handled from our Eastern Office:

**1304 Bank of Hamilton Bldg., TORONTO**

Phone  
Main 5345

R. G. Chesbro,  
Manager

### Saw Mill Machinery for Disposal from the Plants of the Davison Lumber & Manufacturing Co., Bridgewater & Springfield, N.S.

1—Giddings & Lewis 8' Band Mill with Allis-Chalmers Carriage Steam Feed Cylinder 11" x 54' complete with all equipments.  
1—Giddings & Lewis 6' Band Mill with New Waterous Carriage Steam Feed Cylinder 9" x 48' complete with all equipment.  
1—Giddings & Lewis 6' Horizontal Band Resaw.  
2—84" Diamond Iron Works 14 Saw Edgers.  
1—Harmon 13 Saw Gang Trimmer with pneumatic control to each saw.  
1—Diamond Iron Works Gang Saw.  
1—Hamilton-Kendall Circular Gang Saw.  
1—Diamond Iron Works Five Saw Lath Bolter.  
1—Diamond Iron Works Four Saw Lath Machine.  
1—Diamond Iron Works Two Saw Adjustable Lath Butt Trimmer with power feed.  
1—No. 1½ Hill Steam Driven Drag Saw.  
1—Hill 12" x 24" Vertical Steam Driven Cord Wood Splitter.  
1—Appleton Belt driven horizontal cordwood splitter.  
1—Diamond Iron Works Heavy Type Friction Log Haul-up.  
1—18" x 10" x 12" Worthington Duplex Brass Fitted Underwriters Fire Pump Cap 1000 Gallons per minute.  
FILING ROOM MACHINERY AND EQUIPMENT consisting of Band, Circular and Gang Sharpeners, Re-Toothers, Shears, Anvils, Brazing and Filing Clamps.  
STEAM DECK EQUIPMENT consisting of Steam Niggers, Kickers, Loaders, Gang Skids.  
PLANER—1 practically new, Yates No. 10, 30" x 10" Planer and Sizer with side Head Grinder.  
All the above for immediate disposal at low prices. Write or Wire for full particulars.

**Fleming & MacLeay, Agents**  
Bridgewater, N.S.





## SPRUCE, rough or dressed LATH AND SHINGLES

*We have facilities for kiln drying*

### THE EAGLE LUMBER CO. LIMITED

Head Office: 90 St. James Street, Montreal, Que.  
Mills at Mont Laurier, Que.; Hebert, Que.; Ste. Marguerite, Que.;  
and Nottaway, Que. Dressing mill at St. Jerome, Que.

Northern Office:  
MIDLAND, ONT.

Southern Office:  
HATTISBURG, MISS.

## Herman H. Hettler Lumber Co.

2601 Elston Avenue, CHICAGO, ILL.

Manufacturers and Dealer

## White Pine, Red Pine and Yellow Pine Lumber and Lath

Excellent Planing Mill Facilities. Prompt Shipments

Crating

Cedar Shingles

## Everything in Spruce

FLOORING  
SIDING  
ROUGH DIMENSION  
LATH

## Campbell, MacLaurin Lumber Co.

Limited

MONTREAL  
Board of Trade  
Building

TORONTO: 320 Roncesvalles Ave.  
C. W. McCabe, Ont. Representative  
Phone Junc. 1598W



Fig. 25—London Combination Mixer  
Nos. 4 and 6

### LONDON CONCRETE MIXERS

are built to give continuous service under the most exacting conditions. They do rapid work and produce concrete with low labor cost.

LONDON MIXERS are being specified by engineers who know from experience that the first cost of a machine should not be the deciding factor when purchasing equipment. Slow production and breakdowns put the contractor out of business. The contractor can rely on the "LONDON" when profit depends on constant service and rapid production.

MADE IN CANADA

We manufacture Concrete Mixers, Hoists, Air Compressors, Pumps, Brick, Block and Tile Machines, Barrows, Carts, Silo Moulds, Ornamental Moulds and Tools.

### London Concrete Machinery Company, Ltd.

Dept. T. London, Canada

World's Largest Manufacturers of Concrete Machinery.

## EDGINGS

St. Lawrence Paper Mills, Limited, of Three Rivers, Que., have increased their capital stock from \$1,200,000 to \$1,700,000.

James Richardson & Co., Cap Chat, P.Q., are contemplating the erection of a sawmill which will cost about \$10,000.

Henry Sayers, a well known lumberman died recently at his home in Speyside near Milton, Ont. He was 75 years of age and unmarried.

The Jamieson Lumber & Shingle Co., of Everett, Wash., have taken over the shingle mill of the Red Cedar Shingle Co., Kerr Road, Burnaby, B.C.

The Donnacona Paper Co., of Donnacona, Que., are erecting a new pulp mill which is of brick construction 164 x 110 feet and two storeys high.

A. E. Carter, Limited, Fort Frances, Ont., is a concern recently incorporated to carry on a general lumbering business, with a capital of \$40,000.

Lausophe Nault, Limited, Quebec, Que., was recently incorporated to manufacture and deal in lumber and pulpwood. Capital \$145,000.

The sawmill of Ernest Rousseau, Notre-Dame-De Rimouski, Que., was destroyed by fire last month causing a loss of \$5,000. The owner expects to rebuild.

Rogers Lumber Yards, Limited, have received supplementary letters patent authorizing them to decrease their capital from \$2,000,000 to the sum of \$1,000,000.

Fire totally destroyed the barrel and cheese box factory of Collier & Cole at Picton, Ont. The entire stock of barrels for the summer business was destroyed. No insurance was carried.

The Fesserton Timber Company, Limited, Toronto and Vancouver, have opened an office at B 6 Board of Trade Building, Montreal, Mr. C. McDonald is in charge of the branch.

Mortimer Parsons, who was prominent in shipbuilding during the period of the war and from the Parsons shipyards launched several fine ships, died recently at Cheverie, N.S. He is survived by his wife, one son and three daughters.

A. C. Manbert, of the Canadian General Lumber Co., Toronto, who spent several weeks with his wife and family at La Jolla, Cal., has returned home. He greatly enjoyed his holiday and is feeling exceptionally well after his sojourn in the South.

Hammermill Paper Co., Limited, Erie, Pa., was recently granted a provincial charter to manufacture paper products and pulp, provided the company does not use in Ontario more than \$500,000 capital.

A. E. Clark, of Toronto, former president of the Canadian Lumbermen's Association, and Mrs. Clark, who spent six weeks at Sea Breeze and other points in Florida, have returned home after a very enjoyable holiday.

Horace W. Brownlee, manager of the Beaver Company's lumber yard at Rosetown, Sask., was fatally injured recently when a ladder on which he was descending slipped on the icy ground. Mr. Brownlee's head struck the ice, his skull was fractured and he died a few hours later.

The Star Flooring Co., 618 Brock Ave., Toronto, a new firm recently began the manufacture of hardwood flooring. They have installed several new machines and already report that business is very brisk.

The tern schooner Stewart T. Salter, now laid up at Parrsboro, has been chartered for the season from Parrsboro or vicinity for Boston, Sound or New York at a good rate by the Bay of Fundy Lumber Company.

Donald O'Connor who was widely known in lumbering circles in Ottawa, died recently after a lengthy illness. He was in his 80th year and came to Canada from Ireland when a youth. He had resided and worked in the Ottawa Valley ever since landing in the Dominion.

The Haileybury Lumber Co., Limited, Haileybury, Ont., is a new company organized to manufacture and deal in lumber and wood products. Capital \$100,000. Two of the incorporators are M. J. Conkey, and G. F. Summers, both of Haileybury.

The Manitoba Pulp & Paper Co., Limited, Winnipeg, has recently been granted a federal charter to take over the firm known as Manitoba Pulp & Paper Co., Limited, and to manufacture me-



chanical and sulphite ground wood pulp and paper products. Capital \$3,000,000. Two of the incorporators are J. D. McArthur and B. J. McLeod, both of Winnipeg.

The Mageau Lumber Co. expect to have their new mill at Field in operation very soon. The company, of which Z. Mageau, M.L.A., is president and H. O. Tremblay, secy.-treas. say that they intend making considerable improvements around the premises.

C. J. Gardiner, a well-known lumberman of Victoria and proprietor of the C. J. Gardiner Logging Co. at Nitinat, B.C., was killed recently when he was caught between two logs. He sustained several broken ribs which pierced a lung. Mr. Gardiner is survived by his widow and one daughter.

The Entertainment Committee of the Wholesale Lumber Dealers' Association will have charge of the dance which will be held at the Metropolitan Assembly Rooms, College St., Toronto, on Friday April 27th. Mitchell's orchestra will supply the music and arrangements are being made for a delightful gathering. The attendance promises to be large.

W. K. Jackson, president of the New Ontario Colonization Co., whose Ontario headquarters are at Jacksonboro, recently erected in Buffalo, N.Y., a handsome six-storey office building at the corner of Delaware Ave. and Chippawa St., which is known as the Jackson Building. Mr. Jackson will move into the new structure about the 1st of May.

A fast-cutting band mill to manufacture into lumber the small hemlock and balsam to be taken from the area to be flooded, is in course of construction at Stave Falls, B.C., by the Stave Falls Lumber Company Ltd. The new mill will have a capacity of 10,000,000 feet per annum running one shift and will be modern in every respect.

The Chinese employees of the Rainbow Shingle Mill at Port Coquitlam, B.C., struck en masse lately, not for increased pay but because a white man got a job—on a saw; a genus of employment the Oriental regards as their peculiar monopoly. The white man should have got a special permit from the Chinks, it is supposed.

The entire sawmill plant, valued at \$250,000, of the Dominion Creosoting & Lumber Company's mills on the North Fraser, South Vancouver, was destroyed by fire recently, the result of a spark blown from a mill-burner lodging beneath the floor of the engine-room. About 200 hands were employed, and many will be "laid off" till the mill is rebuilt.

Canada Power Tree Saws, Limited, Winnipeg, Man., have been granted a federal charter to acquire the patents of a new improved saw known as "Peters Separable Link Tree Saw," and to manufacture and deal in separable link tree saws under the acquired patents. Capital \$100,000. F. F. Peters and T. R. Aiken, both of Winnipeg, are two of the incorporators.

Representatives of a syndicate of New York and other eastern newspapers were in Victoria, B.C., recently negotiating with timber owners for the purchase of 7,000,000,000 feet of pulpwood on the Skeena and Kispiox rivers. It is planned to establish a pulp and paper mill for newsprint in Northern British Columbia at or near the city of Prince Rupert. Prospective shortage of newsprint in the United States will doubtless result in the establishment of other mills in the province.

At a recent meeting of the Rotary Club in Peterboro, Ont., R. A. Brown gave an interesting address on the necessity of Canada paying more attention to reforestation. He said the pulpwood of the country was becoming rapidly exhausted and unless reforestation was undertaken on an extensive scale, there would either be a paper scarcity or new materials would have to be used, in which case the cost of paper would be likely to increase.

Newsprint, wood pulp and lumber are the chief products that contributed to the increase of Canada's exports to the United States for the eleven months of the present fiscal year, as compared with the corresponding period for the last fiscal year. The group of wood, wood products and paper, to which these articles belong, account for more than half of the total increase of \$63,000,000 in the total exports to the American Republic.

Angus McLean, president of the Bathurst Company, Bathurst, N.B., and head of the Canadian Lumbermen's Association, who recently attended the annual meeting of the National Wholesale Lumber Dealers' Association in Pittsburg, states that the completion of the new paper mill has been somewhat set back because of waiting for machinery. Every one of the electrical firms who have contracted to supply equipment, is behind in its deliveries and erections. The reason assigned is that there is so much business even at the advanced prices, that the electrical manufacturing concerns have been overlooked. Mr. McLean expects that the new paper mill will be completed and operating during the summer.

## The C. Beck Manufacturing Company, Ltd.

PENETANG, ONTARIO

Manufacturers & Dealers of

## WHITE PINE—RED PINE HEMLOCK—LATH

Planing Mills in Connection—Our Dressing will  
Save You Freight

TORONTO OFFICE 10 PARLIAMENT STREET

F. H. Horning M 2170

## McNeil Lumber Co. Limited

416 St. James St., Montreal, Phone Main 996 & 1185

Manufacturers and Wholesalers  
Hard and Softwood Lumber and  
Railway Ties.

B.C. Fir and Cedar Shingles Specialists.

## FOR SALE

300 M ft.  $\frac{5}{8}$  x 3" and wider (chiefly 3")

100 M ft.  $\frac{5}{8}$  x 4" and wider (chiefly 4")

ROUGH - DRY - RANDOM

5th Quality and Better Spruce

GET OUR PRICE

WIGHTMAN LUMBER CO., Limited

263 St. James St. MONTREAL, CANADA.

## "By-Pass" Blower Systems for green saw dust and wet stringy material

Material that usually clogs the ordinary Blower is handled easily and continuously by our "By-Pass" Blowers. No material passes through or around the fan. That is the big secret of "By-Pass" success. Slow speed and minimum power are other strong features. Write for literature and all details.

We manufacture and install complete systems

**Toronto Blower Company**

156 Duke St., Toronto





Tugs for Logging, Raft Towing, large power, all sizes. Cargo Boats of all sizes and description. Marine Engines and Boilers, all types and sizes.

We specialize in all types of Boats or machinery in connection with the lumber industry.

We also furnish steel frames and marine equipment of every description.

Write for our stock list or send us your enquiries.

List your boats or used marine equipment with us. We can find you a buyer.

**The Doty Engineering Co., Limited**  
Toronto, Ontario

## You'll Like a "444"

You can't help but like this Smart made axe which is the supreme achievement of fifty years' experience in the making of better axes.



Ask your hardware man to show you some 444's.

*Single Bit  
Double Bit  
Any Shape  
Any Weight*

**James Smart Plant**  
Brockville, Ontario

Vancouver Winnipeg Toronto Montreal St. John

## BOWDEN BROS. BELT DRESSINGS

THE MODERN BELT CLEANER AND PRESERVER

### POWER

Belt Oil  
Our Three Grades  
Light, Medium and  
Heavy  
Constitute a Real  
Food for Leather  
Works While Your  
Belt Works  
Under Any Condition  
of Dust, Heat or  
Exposure



### PROTECTION

Rubber Facing  
For Rubber And  
Balata  
Rope Filler  
For  
Rope Transmission  
Bar Dressing  
A Dubbing for Heavy  
Service Belts and  
Rope Drives

"What we're on we'll cling to"

Our products contain the best known compound for cleaning, filling and preserving belts and ropes

**BOWDEN BROS.**

PRIMROSE AVE. AND C.P.R. TRACKS W. TORONTO, CANADA  
Phone Ken. 4634 J.

## Sell Your Shavings

Why send your shavings up in smoke when you can bale them economically and sell them at a good profit?

### THE AMERICAN STEAM STEEL FRAME PRESS

is a machine that has been on the market for many years and is a proven money-maker in scores of mills throughout Canada and the United States. We make it with two sizes of cylinders—30" x 45" and 26" x 45".

Full particulars and prices upon request.

Write for booklet.



**American Engine & Boiler Works**  
TONAWANDA, N.Y., U.S.A.

## Quite Often

you will find the very thing you are looking for in these advertising pages. It will pay you to read them.



# To Purchasing Agents of Groceries and Camp Supplies

*Is our name on your Requisition List?*

## LANGLOIS & PARADIS, LTD.

19 ST. JAMES ST., QUEBEC CITY



## DUNLOP BELTING AND HOSE

for the  
Lumbering Industry

"GIBRALTAR REDSPECIAL"—the high-grade  
Transmission Belting for all Drives.

"FIRE HOSE"—a necessity where the Fire risk is  
high. "Dunlop" Brands afford ad-  
equate and efficient protection.

DUNLOP

Belting, Hose, Packing and General Mechanical Rubber Products for Every Purpose

## WIRE ROPE



**"We have the Right Rope for every purpose"**

The contributing factors in making good Wire Rope are: 1. Men who know how. 2. The best grade of materials. 3. The most modern machinery. We have all three and are producing the goods. Give us a trial.

**We solicit your enquiries. Write for our catalogue.**

Stock carried in Montreal by J. H. HANSON CO. LTD., Agent

**Canada Wire & Iron Goods Co., Hamilton**

Stock carried in Edmonton and Calgary  
N. F. Judah, McLeod Building, Edmonton, Agent

## CLIMAX GEARED LOCOMOTIVES

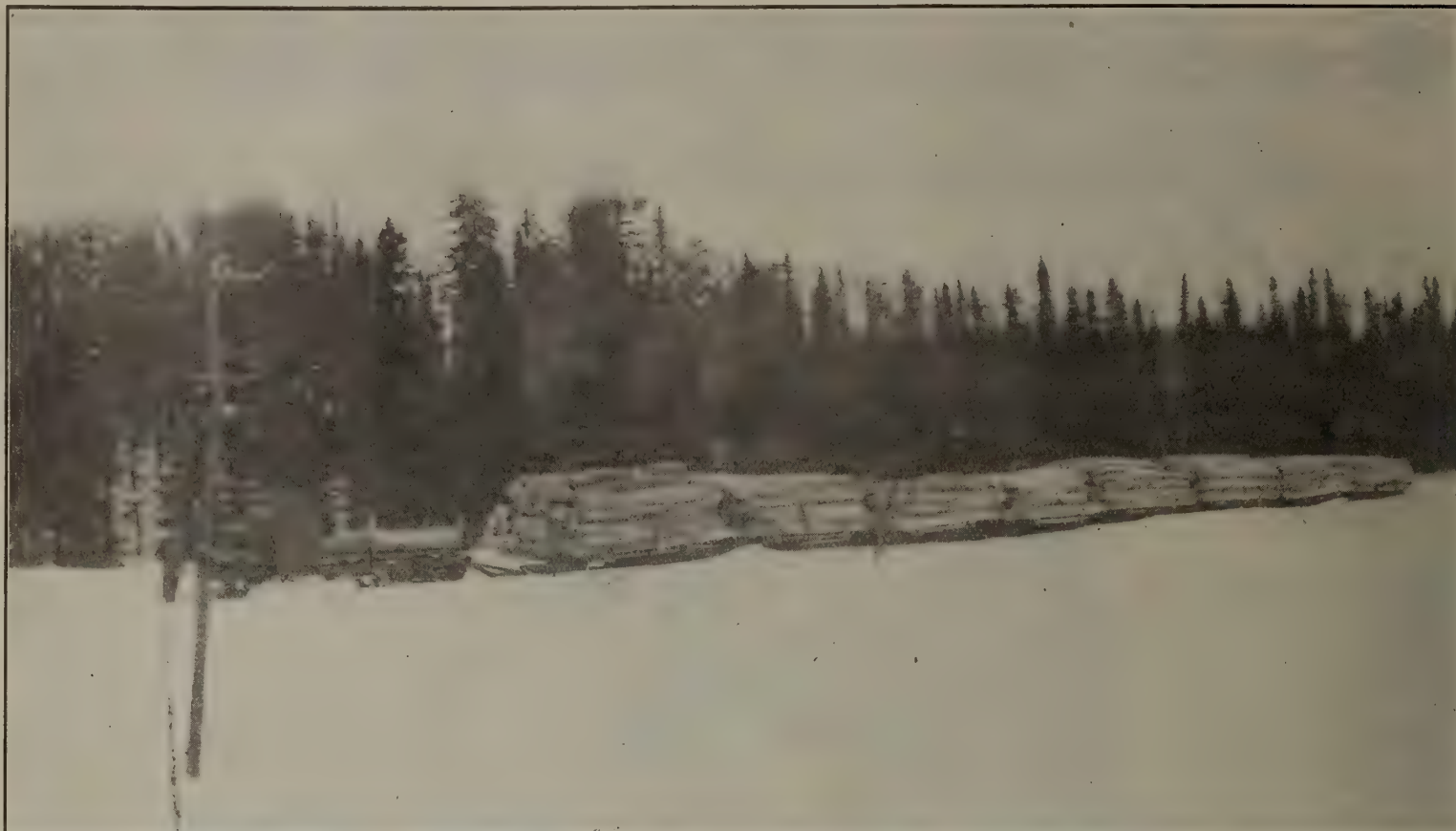
ARE BUILT FROM 12 TO 90 TONS



Get  
Catalogue  
"K"

CLIMAX MANUFACTURING Co., CORRY, PA.  
CLIMAX LOCOMOTIVE CO., 67 COLUMBIA ST., SEATTLE, WASH.  
VANCOUVER MACHINERY DEPOT, LTD., VANCOUVER, B.C.





Linn Logging Tractor in operation by Austin & Nicholson Limited, in their limits near Esher, Ont. Above illustration shows Linn Logging Tractor with train of eight sleds of 16 ft. green Jack Pine logs

# THE LINN LOGGING TRACTOR

Austin & Nicholson Limited commenced operation with their Linn Logging Tractor about January 20th. Their haul was about  $6\frac{1}{2}$  miles long and their daily average was about 112,000 feet. Mr. Nicholson claimed that their daily total was limited through delays in loading and forwarding out of sleds to tractor. He figured that during their first month's operation, they had saved approximately \$85.00 per day over their previous year cost of haulage with horses. They went through their entire haul without any mechanical adjustment whatever—and previous to entering their service—their operator had never seen a Linn Logging Tractor.

This is the second of a series of photographs of Linn Logging Tractors in operation by Loggers in Ontario and Quebec. The next will appear in the May first issue.

We have claimed much for the Linn Logging Tractor—but its performance has, in many operations, far exceeded our claims.

*“Ask the logger who uses one”*

—Logging Department —

## MUSSENS LIMITED

Philips Place Building

Montreal





By the clever use of Asphalt Slates, a broad expanse of roof that would otherwise be monotonous, is made interesting.

### *A Contribution to the Interest and Charm of Modern Homes*

To see on every hand, an increasing number of homes made more beautiful because of Brantford Roofs is surely ample reward for the years of creative efforts put forth by this organization.

There is evidence too that Brantford Roofs are as practical as they are beautiful, for Brantford Asphalt Slates are unchallenged leaders in Canada.

**FOUR COLORS**—Brantford Asphalt Slates have the unfading colors of the slate with which they are faced—Blue-Black, Red, Tile-Red, Green—and any desired combinations of these colors.

Distributed under Brantford Roofing Trade Marks, through Brantford Roofing Dealers. Stock carried, information furnished, service rendered by our dealer in your district. Write for descriptive literature, or advice on Roofing problems.

**BRANTFORD ASPHALT SLATES** in 4-in-1 Slabs; **BRANTFORD WINTHROP TAPERED ASPHALT SLATES** with the heavy butt; **ARRO-LOCK SLATES** (red or green) for diagonal effects—may be laid over old roofs.

# **Brantford Roofs**

Brantford Roofing Company, Limited

Branches at: Toronto, Montreal, Halifax and Winnipeg

Head Office and Factory: Brantford, Ont.

First of the 1923 campaign  
800-line advertisements  
in daily newspapers.

*Homes of every class and size are now built with Brantford Roofs. The market grows from year to year.*

## **Brantford Dealers get the Business**



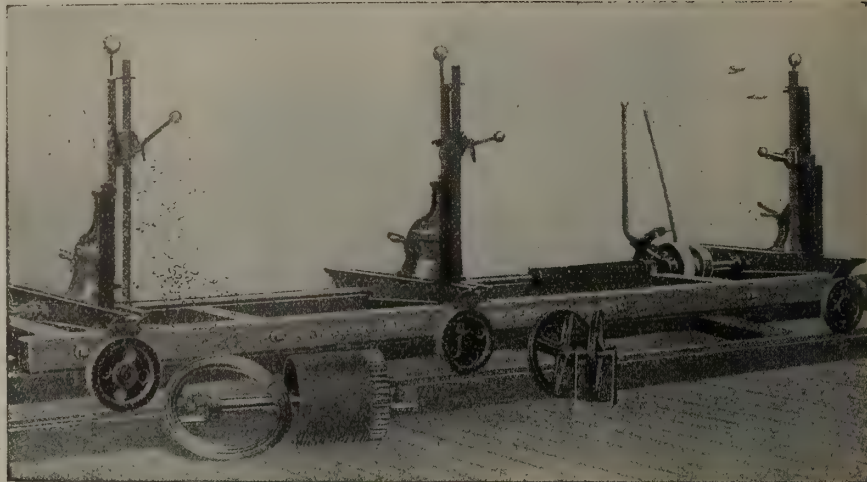
# The Carriage You Are Looking For

## Our No. 1 Size

**CARRIAGE**—Has three head blocks, as shown in cut, usually set 9 and 6 feet apart, will be placed any distance apart to suit purchaser. Knees open 38 in. from saw, and is fitted with Knight or Peel dogs, as desired. Taper movement on each knee. 1 15-16 in. steel set bar with steel pinions and coil spring receder, and friction lever brake for stopping knees where required. Timbers are 5 x 6 in., or heavier if desired, well bolted and braced. Diameter of truck wheel, 12 in. Axles 1 3/4 in. diameter, and extend clear across carriage, are furnished with self-oiling bearings. Front block is fitted with timber rule, placed as desired; 54 feet of V and flat track furnished with each carriage.

**SET WORKS**—As shown in cut, is made up of ratchet wheel 12 in. diameter, 4 in. face, with set lever carrying 7 steel pawls of varying lengths; also, same number of check pawls set in quadrant. Both sets of pawls are disengaged from either side of carriage when required to recede knees. This is a positive set, without lost motion.

**FEED WORKS**—As shown in cut, consists of 16 x 12 in. drum, with spur gear keyed to shaft. Pinion or friction shaft in saw frame engages with this gear. Cable takes two or three turns around drum, and is passed around end sheaves and attached to carriage. We also furnish 26 in. drum with internal gear in place of 16 in. drum when desired.



*For Shingle, Lath and Portable Saw Mill Machinery  
write the well known manufacturers*

# The G. Walter Green Co., Limited

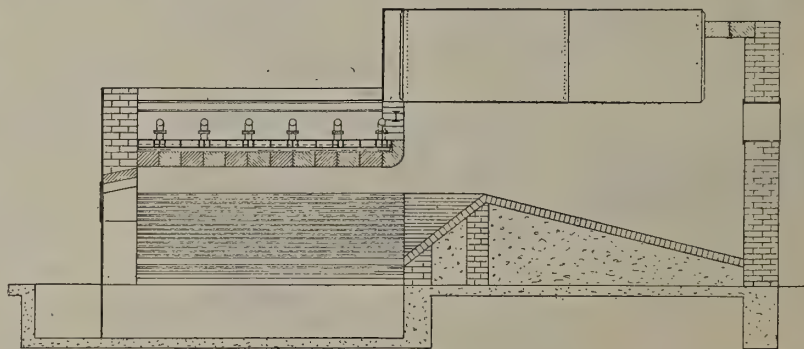
PETERBOROUGH, ONT.

Send for Catalogue

# GATES FURNACE

**For Burning Sawdust  
and Hog Fuel**

*Will burn tan bark, hog fuel  
and sawdust efficiently, with up  
to 60% moisture.*



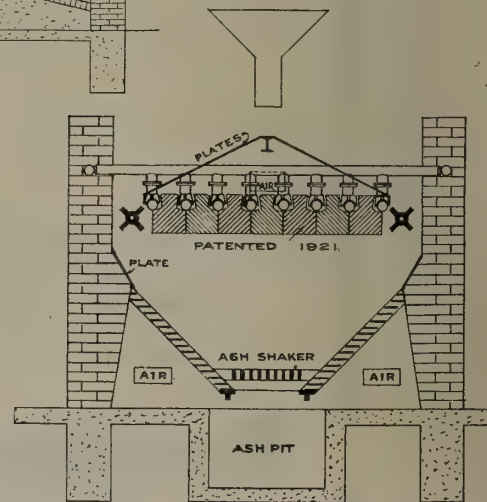
Gates Air Cooled Sus-  
pended Arches

Boiler Door Arches and  
Jambs

The Water or Air cooled Suspension Arch, suspended over a furnace built with incline grates, to prevent the coning of sawdust and refuse material, combined with the automatic feed and drying chamber suspended directly over arch, absorbing the heat from arch roof which removes the required percentage of moisture from the material to be burned. Note that fuel is partly dry before receiving air while passing over dry plate chamber at the lower edges, thence into combustion chamber space over the fuel bed. All ash is removed by stoking grate at the bottom of furnace. All fuel sliding down the incline grates comes in contact with a special draft action, owing to the horizontal air spacing, through the incline gates on either side, the draft currents arrive at a focus of combustion in the centre of the furnace, causing the gases and flame to meet and roll towards the edges of dry plates, thus increasing the drying capacity, and thoroughly drying tan bark or fuel which is being burnt.

The blocks in these arches are supported independently of the other, allowing any one brick to be removed and replaced without disturbing any other portion of arch.

We specialize in Boiler Settings and Furnace Brickwork and give the benefit of (30) thirty years' experience. Ready to go anywhere to build new Boiler Settings and overhaul and Reset old Boilers and build Furnaces.



**Gates Engineering Company Ltd., 314 Notre Dame St. W, Montreal**  
J. W. Gates, General Manager Phone Main 662, Melrose 367



# Pink's Lumbering Tools

The Standard Tools in every province of the Dominion, New Zealand, Australia, etc.  
We manufacture all kinds of lumber tools. Light and Durable.

Long Distance Phone, No. 87

Send for Catalogue and Price List.

Sold throughout the Dominion by all Wholesale and Retail Hardware Merchants.

## The Thomas Pink Company, Limited

Manufacturers of Lumber Tools

PEMBROKE

ONTARIO

It's a Pink any-  
way you take  
it and it's the  
best Peavey  
made.



*Not altogether what we say,  
but what users say*

"We have used the Alligator or Warping Tug manufactured by you for the last 7 or 8 years, and consider them indispensable to lumbermen on waters of French River or similar streams."

Will move a bag containing 60,000 logs,  
in calm weather, 30,000 in a head wind.

**West, Peachey & Sons Simcoe, Ont.**



## Gerlach Modern Machinery Produces Cheaper and Better

Tight and Slack Cooperage Stock for Barrels, Kegs and Tubs, ready to set up into non-leaking packages of 5 to 120 gallons liquid capacity, or for semi-liquid and dry materials up to 800 lbs. weight. We manufacture machinery for sawing, jointing, planing and crozing staves; for sawing, jointing, dowering, planing and circling heading.

### MODERNIZE YOUR PLANT

Scrap Machinery invented before the Civil War and install a Gerlach Outfit that will make Tight Barrels that are tight, from any strong non-porous timber.

### BUILD

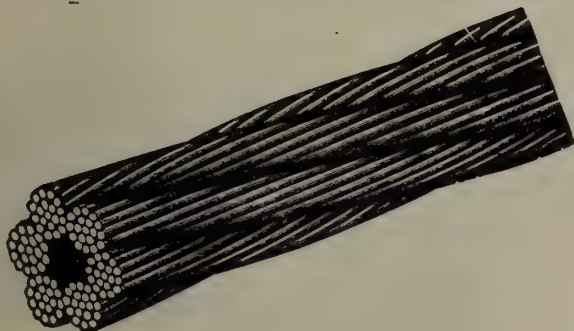
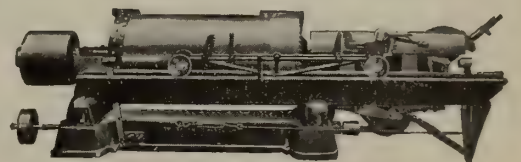
Barrels with perfect joints that will not leak; a product that is infinitely superior to the tin and iron near barrels now being experimented with. Wood is tasteless, stainless and rustless and being a poor conductor of heat or moisture, keeps its contents in their original condition.

CYLINDER SAWS RESTEELED

MODERN BOXBOARD MACHINERY

## The Peter Gerlach Co.

Columbus, Winter and Leonard Sts.  
CLEVELAND, OHIO



The Results Obtained From

## "Dominion" Wire Rope

Are ENDURING WEAR and INSURANCE AGAINST  
SUDDEN ROPE FAILURE

Have you used our BLUE STRAND?

# The Dominion Wire Rope Co. Limited

Head Office: MONTREAL

Stocks also Carried at: TORONTO AND WINNIPEG



# ALPHABETICAL INDEX TO ADVERTISERS

Abrams Sons Ltd., John .....	17	D'Auteuil Lumber Co. ....	11	Hettler Lumber Co., Herman H. ....	64	Phillips, Thos. N. ....	16
Adams River Lumber Co. ....		Department of Lands (Ontario) ..	28	Hocken Lumber Co. Ltd. ....	4	Pink Co. Ltd., Thomas ....	71
American Engine & Boiler Works ..	66	Dominion Belting Co. ....		Hoe & Co., R. ....		Power Lumber Co. ....	17
Anderson Lumber Co., C. G. ....	12	Dominion Timber Products ....	32	Hotel Tuller ....	81	Rat Portage Lumber Co. ....	14
Anderson, Shreiner & Mawson ..	27	Dominion Wire Rope Co., Ltd. ..	71	Hunter Lumber Co. ....	21	Rideau Lumber Co. ....	
Apex Lumber Co. ....	24	Dominion Truck Equipment Co. ..		Imrie Lumber Co., R. ....	22	Reed & Co. Ltd., Geo. W. ....	72
Associated Mills Ltd. ....	23	Doty Engineering ....	66	International Land & Lumber		Robertson & Hackett Sawmills,	
Atlantic Lumber Co. ....	4	Dudley, Arthur N. ....	26	Company ....	26	Limited ....	31
Atkins & Co., E. C. ....	85	Dunlop Tire & Rubber Goods Co. ..	67	Johnson, A. H. ....		Rolland Lumber Co. ....	22
Austin & Nicholson Ltd. ....	17	Eagle Lumber Co. ....	64	Julien, Roch ....	16	Rose-McLaurin Ltd. ....	14
Bartram, J. C. ....	33	Eastman Lumber Co. ....	17	Keewatin Lumber Co. ....	11	Russell Harris Lumber Co. ....	11
Bainbridge Lumber Co. Ltd. ....		Eaton & Sons, J. R. ....	26	Kennedy & Sons, Wm. ....	81	Santerre & Pineau ....	34
Bathurst Company Ltd. ....	19	Eckardt & Co., H. P. ....	63	Kent, James Robt. ....	21	Savage & Bartlett ....	13
Beauchemin & Fils ....	26	Edwards & Co. Ltd., W. C. ....	30	Kinnon Lumber Co. ....	22	Schroeder Mills & Timber Co. ..	25
Beck Mfg. Co. Ltd., The C. ....	65	Elk Fire Brick Co. ....	82	Knox Brothers ....	3	Scott, Draper & Co. ....	20
Bell, Geo. W. ....	12	Elmira Machinery & Transmission		Laidlaw Bale Tie Co. ....	13	Sewell, Jas. W. ....	13
Bennett Lumber Co. Ltd. ....	31	Company ....	31	Lamontagne Limited ....		Shevlin-Clarke Co. ....	6
Bernard Industrial Co., The A. ....	77	Engineering & Machine Works ..	79	Langlois & Paradis ....	67	Shimer Cutter Head ....	
Beveridge Supply Co. Ltd. ....		Excelsior Lumber Co. ....		Larkin Co., C. A. ....	34	Shull Lumber & Shingle Co. ....	32
Big Bear Lumber Co. ....	26	Farnworth & Jardine ....	12	Larkin Lumber Co. ....	17	Shurly Dietrich Co. ....	
Bigley, R. ....	76	Fassett Lumber Co. ....	18	Leigh Lumber Co. ....		Shurly Co. Ltd., T. F. ....	
Black Rock Lumber Co. ....		Fesserton Timber Co. ....	5	Linton Lumber Co. ....	33	Simonds Canada Saw Co. ....	36
Bowden Bros. ....	66	Fleming & MacLeay ....	63	Loggie, W. S. ....	14	Smart Turner Machine Co. ....	1
Brady Machinery Co. ....	88	Fly Terror Mfg. Co. ....	31	Lloyd, W. Y. ....	13	Smart, Jas. ....	66
Brantford Roofing Co. ....	69	Foley Lumber Co. ....	13	London Concrete Machinery Co. ..	64	Smith Foundry Co. ....	70
British Columbia Lumber		Fraser Bryson Lumber Co. Ltd. ....	22	Long Bell Lumber Co. ....		Smith, N. ....	12
Commissioner ....	16	Fraser Companies Ltd. ....	15	Long Lumber Co. ....	33	Spanish River Lumber Co. ....	7
Brennen & Sons, F. W. ....	11	Gates Engineering Co. ....	70	Long Manufacturing Co., E. ....	86	Stack Lumber Co. ....	14
Bustall & Co. Ltd., J. ....	21	Gartshore, John J. ....	1	Lumbermen's Indemnity		Stalker, Douglas A. ....	
Burchill & Sons, Geo. ....		General Supply Co. of Canada,		Exchange ....	1	Staples Lumber Co., Otis ....	63
Bury & Co., Robert ....	25	Ltd. ....		McCormack Lumber Co. ....		St. Lawrence Lumber Co. ....	34
Cameron Lumber Co. ....	23	Gerlach Co., Peter ....	71	McClung, McLellan & Berry ....		St. Mary's Wood Specialty Co. ..	12
Campbell, MacLaurin Lumber-		Gidley Boat Co. Ltd. ....	1	McCuaig & Co., Jas. C. ....	22	Story Lumber Co. ....	31
Company ....	64	Gillespie, Jas. ....	13	McDonagh Lumber Co. ....	16	Stroud & Co., E. H. ....	78
Canada Foundries & Forgings ..	66	Gillies Bros., Ltd. ....	20	McElroy Lumber Co. ....	31	Summers, James R. ....	12
Canadian General Lumber		Goodhue & Co. Ltd., J. L. ....	73	McFadden Ltd., J. J. ....	27	Sutherland, A. A. ....	26
Co., Ltd. ....	13	Goodday & Co., H. R. ....	18	McLennan Lumber Co. ....	17	Swift Canadian Co. ....	77
Canadian Link-Belt Co. ....	36	Gordon & Co. Ltd., Geo. ....	7	McLaren, Limited, D. K. ....		Sylvester Mfg. Co. Ltd. ....	
Canadian Western Lumber		Grant- Holden-Graham Ltd. ....	74	MacLean Building Reports ....	59	Terry-Nicholson-Cates Ltd. ....	9
Co. Ltd. ....		Gloucester Lumber & Trading ..	21	McNeil Lumber Co. ....	65	Thompson & Heyland Co. ....	20
Canada Wire & Iron Goods ....	67	Gordon Lumber Co., A. E. ....	8	Main Belting Co. of Canada ....	78	Thurston-Flavelle Ltd. ....	24
Canfield-Wilmot, Ltd. ....	14	Gravel Lumber Co. Ltd. ....	33	Manufacturers' Lumber Co. ....	10	Timberland Lumber Co. ....	23
Cant & Kemp ....	12	Gregertson Brothers Co. ....	22	Mason & Co., G. ....	11	Timms, Phillips & Co. ....	32
Canadian Holt Co. ....	81	Green Co., G. Walter ....	70	Mason, Gordon & Co. ....	30	Toronto Blower Co. ....	65
Canadian Milk Products ....	73	Grier & Sons, G. A. ....		Maus, Chas. O. ....		Tudhope Anderson Co. Ltd. ....	
Canadian Tie & Lumber Co. ....	27	Greig-Morris Co. ....	20	Mershon, Wm. B. ....		Turner & Sons, J. J. ....	1
Chaleurs Bay Mills ....	30	Greening Wire Co., B. ....	78	Miller Co., W. H. ....	20	Underhill Lumber Co. ....	28
Chesbro, R. G. ....	34	Gutta Percha & Rubber Ltd. ....	74	Montreal Locomotive Works ....	82	U. S. Buyers ....	29
Clark Bros. Co. ....		Hall, Adam ....	76	Montreal Lumber Co. ....	12	Vancouver Lumber Co. Ltd. ....	32
Clark & Son, Edward ....	6	Hall Bros. ....	24	Muir & Kirkpatrick ....	5	Victoria Harbor Lumber Co. Ltd. ..	18
Cleveland-Sarnia Sawmills Co. ..	61	Hamilton Co., Ltd., Wm. ....	2	Mussens, Limited ....	68	Waterous Engine Works Co.,	
Climax Manufacturing Co. ....	67	Hansen, A. K. ....		Neville Cooper Co. ....		Limited ....	87
Coburn Lumber Co. ....		Hardy & Co., E. D. ....	1	Nevison & Brooks ....	10	Watson & Todd ....	10
Coltart & Co., Robt. ....	12	Harris Tie & Lumber Co. ....	18	New Ontario Colonization Co. ..	10	Westminster Mill Co. ....	32
Crane, Limited ....		Harris Lumber Co., Frank H. ....	21	Northern Pacific Logging Co. ....	32	West Peachey & Sons ....	71
Dadson, A. T. ....	11	Heaps & Sons Ltd. ....		Oliver Lumber Co. ....		Wightman Lumber Co. ....	65
Davies Co., Wm. ....				Otis Staples Lumber Co. Ltd. ....	63	Williams, D. ....	
				Pannill Door Co. ....	35	Wilson Bros. ....	20
				Parry Sound Lumber Co. ....	10	Wistar, Underhill & Nixon ....	16
				Payette Co., P. ....	75	Woods Mfg. Co. Ltd. ....	
				Pedwell Hardwood Lumber Co. ....	16	Yates Machine Co., P. B. ....	83
				Petrie Ltd., H. W. ....		York Belting Co. ....	12

## Resurface Your Roof

A coat of Reed's Roofing Cement—Plastic, Semi-Plastic or Liquid—will add years to the life of your roof.

This cement is the result of over Seventy Years practical Roofing experience. It will not peel nor blister and is absolutely unaffected by climatic changes.

Easy and inexpensive to apply. Ordinary labour can be used with satisfactory results.

Special prices by the barrel—Ask for them.



## Geo. W. Reed & Co. Ltd., Montreal



# A Good Belt Saves Money

THE money wasted in keeping a stretching belt taut amounts to a surprising figure. If you use "Goodhue Belts" in your mill or factory you can save most of this money because "Goodhue Belts" stretch less by 15 to 25 per cent. than any other belt. They are made from skillfully selected hides with the stretch taken out of each section before it is made up into the belt.

According to the conditions under which the belt is to run, we recommend "Extra," "Standard" or "Acme Waterproof" belts.

**Send for further particulars and prices**

Winnipeg Agents—Bisset & Webb, Limited, End of James St. East, Winnipeg, Man.

Vancouver Agents—Fleck Bros., Limited, 110 Alexander Street, Vancouver, B.C.

Standard Machinery & Supplies, Limited, 261 Notre Dame Street West, MONTREAL



## GOODHUE BELTS

J.L. GOODHUE & CO. Limited.

DANVILLE — QUEBEC.

## Easiest to Transport on the Spring Drive—

Transporting supplies down the river is a big job and every saving in weight is important. Canadian Milk Products powdered milk saves 85% of the weight of liquid milk. It is the most easily transported milk supply and is compact and convenient to handle.

The economy of powdered milk will show up in your operating costs. The cook mixes just enough for each meal so that there need be no residue to sour or waste. It has the delicious flavor of fresh liquid milk and is used as such for drinking and cooking.

### TRUMILK

Powdered whole milk — in 45 and 90 lb. drums. Order direct from us.

### KLIM

(Hotel size)  
Powdered skimmed milk—in 10 lb. cans. Order from your jobber.

### MILKSTOCK

Powdered skimmed milk—in 50 and 100 lb. drums. Order from your jobber or direct from us.

MILKSTOCK—Order from your jobber or direct from us.  
TRUMILK—Order direct from us.

*Samples and literature gladly sent on request.*

### CANADIAN MILK PRODUCTS LIMITED

347 Adelaide St. West, Toronto, Ont.

366 St. Paul St. West,  
Montreal, Que.

428 Main Street  
Winnipeg, Man.

British Columbia Distributors: Kirkland & Rose, 130 Water Street, Vancouver





## TENTS

We make all kinds and styles of Tents, Tarpaulins, Packsacks and Dunnage Bags.

In fact we can supply all Lumbermen's requirements and give satisfaction.

Write for our new complete catalogue.



## CLOTHING

G - H - G Clothing means complete satisfaction.

With our many years of experience in making clothing for Lumbermen we know their requirements in comfort and wear.

Our **DURABIL** Mackinaws are the pride of the Lumbermen.

# Grant-Holden-Graham

*Manufacturing Wholesalers and Importers*

Limited

Ottawa

147-151 Albert Street

Canada



# Rubber Goods FOR LUMBERMEN

### Belting

Our long experience in the making of Rubber Belts enables us to specialize on this line. "P. M. S.," "Special Drive" and "Lion" are our leading brands for power transmission.

### Packings

"Redstone" High Pressure Sheet Packing has proved by test that it will outlast any other similar packing on the market. We make Spiral and Ring Packings, etc., that are equally reliable.

### Hose

for Steam, Water, etc., in various grades, made especially to give satisfactory and economical service under different conditions.

### Fire Hose

One or more of our twenty brands of Fire Hose will be found, not only in the best equipped Factories, Mills, etc., but in almost every Fire Department in the Dominion.

### Rubber Footwear

We make a complete line of Lumbermen's boots. For over 25 years, our Maltese Cross Brand has been the leading line in Canada. Make sure you get this old dependable brand.

## Gutta Percha & Rubber Limited

TORONTO   HALIFAX   MONTREAL   OTTAWA   HAMILTON   LONDON   FORT WILLIAM   WINNIPEG   REGINA  
SASKATOON   EDMONTON   CALGARY   LETHBRIDGE   VANCOUVER   VICTORIA





# JUST OUT!

## Payette's "Thoro-bred"

### LATEST IMPROVED NO. 2 LATH MILL

Will cut any quantity of laths, depending upon the amount of stock you are able to supply it with.

### P. Payette & Co.

J. T. PAYETTE, Proprietor

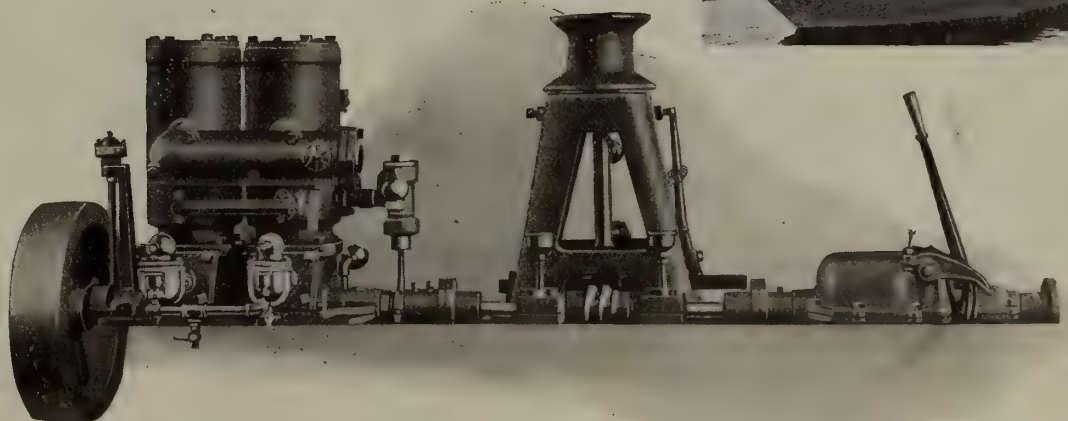
PENETANG - ONTARIO

# Adams Gasoline Alligator Pointers

A big saving in time and money can be effected by the use of an Adams Pointer in your logging.

This powerful and efficient gasoline boat is built to give the service under heaviest working conditions and is proving its superiority over the large and more awkward craft and makes it the successful rival of alligators and tugs.

Send for data and prices



Above cut shows machinery that is installed in a 26'-6" x 6' Special Lumberman's Pointer

## Adams Engine Co., Penetang, Ont.

J. T. PAYETTE, Proprietor





Side Outlet  
Flanged Tee



Long Turn Elbow



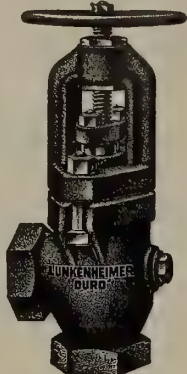
Single Sweep Tee



Base Elbow



Double Sweep Tee



Established 1875

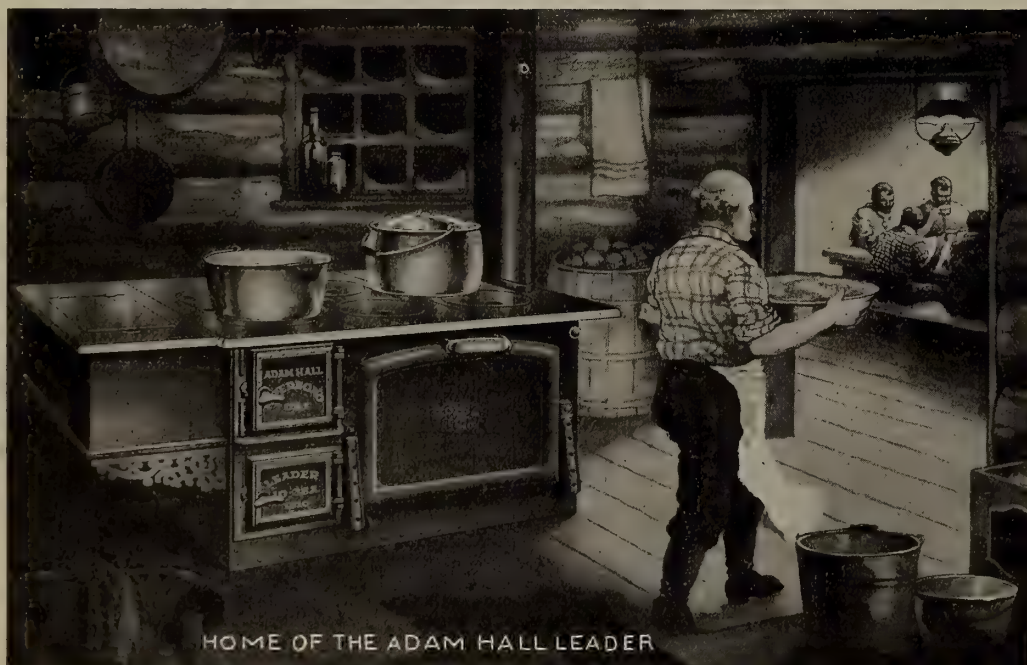
## THE R. BIGLEY MANUFACTURING CO. LTD., TORONTO, CAN.

### Manufacturers of

Cast Iron Screwed and Flanged Fittings, Standard and Extra Heavy. Distributors of Lunkenheimer and Jenkins Valves, Wrought Iron Pipe, Packing, etc.

Let us know your requirements and we will be pleased to furnish immediate quotations.

We can fill orders direct from stock.



HOME OF THE ADAM HALL LEADER

## Old Timers Know the Value of an ADAM HALL Camp Range

Back in the nineties when camp conditions were not considered to the extent they are to-day, Adam Hall's Ranges and Heaters did much to brighten camp life. Old timers have a warm spot in their hearts for these faithful servants. They were always the centre of warmth and cheer.

To-day the name "Adam Hall" is even more familiar. The "Leader 10-36A" Range is famous throughout Canada for its convenience and economy. It is the result of many years experience in meeting the requirements of lumber camps. Ruggedly built in two sizes, it will stand up under the hardest kind of service. Coal or wood. Ask us for particulars.

Write for Catalogue and Prices.

# ADAM HALL, LTD. Peterborough, Ont.

Pioneer Manufacturers of Camp Ranges and Heaters





## Let Him Be the Judge

*and Swift's Products will be his choice*

Old-timers in the lumber camps are keen critics of the food served and many a time have slipped away to another camp because the grub was better. Their preference for Swift's products is thus high tribute to the quality.

But the camp operator must consider other things. Supplies ordered must reach him promptly, in good condition, and without substitution. To ensure him this service, branches have been established from coast to coast, each carrying a very large stock ready for immediate shipment.

Why not take advantage of the perfect facilities offered you by the most up-to-date Packing House in Canada? One order will convince you of the superiority of Swift products and service.

SILVER LEAF BRAND PURE LARD  
JEWEL BRAND SHORTENING  
BARRELLED BEEF AND PORK  
FRESH AND FROZEN MEATS  
COOKED AND SMOKED MEATS  
SAUSAGE, SOAP, CANNED GOODS

## Swift Canadian Co. Limited

**PLANTS:—***Toronto, Winnipeg, Edmonton, New Westminster*

**BRANCHES:—** *Ottawa, Montreal, Quebec, Hamilton, St. Catharines, Fort William*

## Subscribers' Information Form

Many letters reach us from subscribers enquiring where a certain machine, a certain kind of lumber or veneer, or some other class of goods, can be obtained. We can usually supply the information. We want to be of service to our subscribers in this way, and we desire to encourage requests for such information. Make use of this form for the purpose.

"CANADA LUMBERMAN"

345 Adelaide Street West, Toronto

Date.....19

Please tell us where we can procure .....

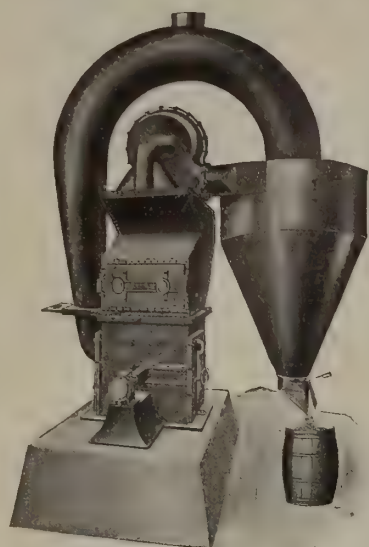
.....  
.....  
.....

Name .....

Address .....



## STROUD AIR SEPARATION WOOD PULVERIZER



AN EFFICIENT METHOD  
AND  
MACHINE FOR MAKING  
**WOOD FLOUR**

FROM  
SAWDUST, SHAVINGS,  
PLANER CHIPS,  
AND  
OTHER WASTE WOOD  
OF  
FEED SIZE.

**A VERY PROFITABLE**  
DISPOSITION  
OF  
THESE PRODUCTS

OPERATES CON-  
TINUOUSLY WITH VERY  
LITTLE ATTENTION.

No bearings in the grinding chamber. No sieves or screens. Automatic lubrication. Makes Wood Flour far finer than any other known method. Made in 5 sizes.

The one machine makes any grade of Meal or Flour desired, at low cost.

**E. H. STROUD & COMPANY**

*Engineers and Manufacturers*

928, 930, 932 & 934 Fullerton Ave.

Chicago, Ill.

## Anaconda Leviathan Belting

No matter how modern your equipment is, if you are not using Leviathan - Anaconda Belts your plant is far from efficient.

Made  
in  
Canada



Our 1923 Calendar mailed free upon request.

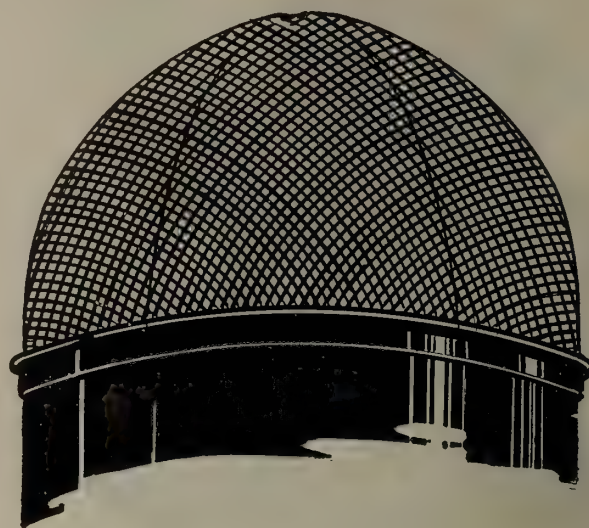
**Main Belting Company of  
Canada Limited**

Toronto

Montreal

W. W. Hicks, Winnipeg, Man.

Gormans Limited, Edmonton, Calgary, Vancouver.



## GREENING'S WIRE CLOTH AND SCREENS

The superiorities that users have come to expect from any article bearing the name Greening results from the highest standards of manufacture plus a long and intimate knowledge of the conditions of service under which their products are used.

For more than sixty years the B. Greening Company have kept accurate records of all statistics that effect the wear, service and cost. These statistics are at the disposal of anyone and frequently save purchasers time and money.

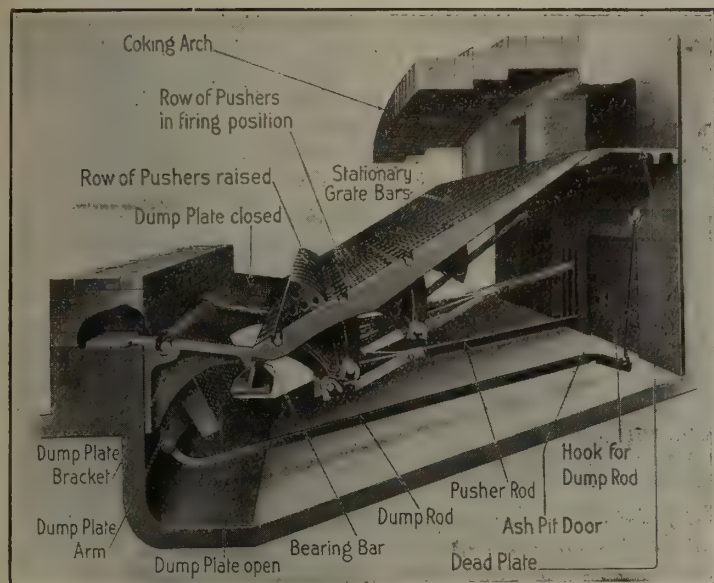
THE **B. GREENING WIRE CO., LIMITED,**  
HAMILTON, ONTARIO  
MONTREAL, QUE. WINNIPEG, MAN.

*Complete stocks carried at these points*



# Easy as Shovelling Fuel Down a Hole

When you are burning wood refuse, slabs, etc., in a National Stoker you might just as easily be shovelling it pell mell, any-way-at-all, down a hole, for all the trouble it is. The grates have 30° incline and the pusher rods that operate the various banks of grates keep the fuel marching steadily downward, without avalanching, to combustion, with unfailing accuracy and practically no labor.



The National Stoker burns wood waste without expert firing. No careful spreading or placing is required. The downward sloping grates do away with the great labor of handling a big pile of refuse on horizontal grates. Dust and shavings can be blown in, while sticks or slabs may be passed through the fire door as usual. As the fuel is consumed the ashes are worked down towards the dump plate by levers operating pusher rods, from the front of the furnace. While the fuel moves down the grates under the hot arch it is consumed completely, no fuel being carried over the bridge wall into the combustion chamber, thus ensuring practically no smoke.

The National Stoker is very popular in wood working plants and mills. Let us send you an illustrated, descriptive booklet.

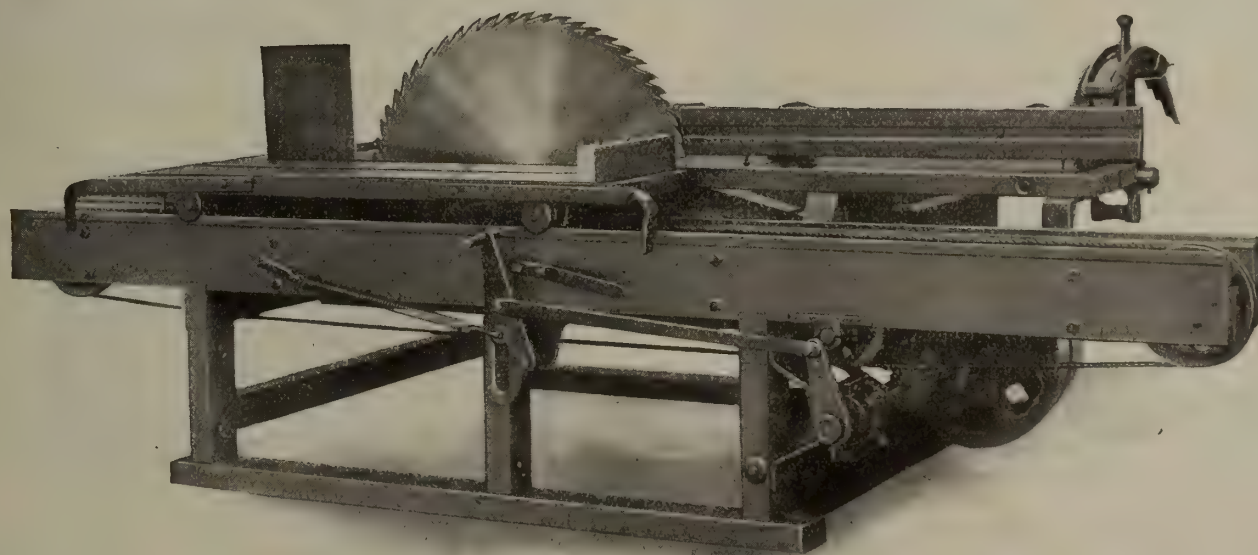
## Engineering & Machine Works of Canada, Limited

ST. CATHARINES, ONTARIO

*Eastern Sales Offices:*

*Hall Machinery Co., Sherbrooke, Que., and Birk's Bldg., Montreal*

## "Superior" Automatic Bolter



The Superior Automatic Bolter was designed and built especially for Fraser Co's. Ltd., for use in their lath mills.

A feature of this machine is its simplicity, great strength and enormous capacity for hard, continuous work. It will make from 12 to 15 cuts per minute and is ideal for sawing mining lath, bolting round wood for house lath, or bolting white birch for spool bars. The hand lever on the side gives the operator full control of the machine

at all times, as to stopping and starting, either forward or backward. A small dog holds the control lever in the stop position.

Prices and full particulars may be obtained by writing—

**THE SMITH FOUNDRY CO., LTD.**

Fredericton - New Brunswick



# CANADA LUMBERMAN BUYERS' DIRECTORY

The following regulations apply to all advertisers:—Eighth page, every issue, three headings; quarter page, six headings; half page, twelve headings; full page, twenty-four headings

## ALLIGATORS

Payette Company, P.  
West, Peachy & Sons

## AXES

Canada Foundries & Forgings Ltd.

## BABBITT METAL

General Supply Co., of Canada, Ltd.

## BALE TIES

Laidlaw Bale Tie Company

## BAND MILLS

Hamilton Company, William  
Waterous Engine Works Company  
Yates Machine Company, P. B.

## BAND SAW BLADES

Simonds Mfg., Co.

## BAND RESAWS

Mershon & Company, W. B.  
Yates Machine Co., P.B.

## BARKERS

Bertrand, F. X., La Compagnie  
Manufacturiere.  
Smith Foundry & Machine Co.

## BEARING METAL

Beveridge Supply Co., Ltd.

## BELT DRESSING

Dominion Belting Co.  
General Supply of Canada, Ltd.  
McLaren, D. K. Ltd.

## BELT FASTENERS

McLaren, D. K. Ltd.

## BELTING

Dominion Belting Co.  
General Supply Company  
Goodhue & Co., J. L.  
Gutta Percha & Rubber Company  
D. K. McLaren, Limited  
York Belting Co.

## BLOWERS

Reed & Co., Geo. W.  
Sturtevant, B. F. & Co.  
Toronto Blower Company

## BOILERS

Engineering & Machine Works of  
Canada  
Hamilton Company, William  
Waterous Engine Works Company

## BOILER PRESERVATIVE

Beveridge Supply Company

## BOX MACHINERY

Yates Machine Company, P. B.

## CABLE CONVEYORS

Engineering & Machine Works of  
Canada.

Hamilton Company, William  
Waterous Engine Works Company

## CAMP SUPPLIES

Davies, The Wm. Co., Ltd.  
Dr. Bell Veterinary Wonder Co.  
Howland, H. S. Sons & Co.  
Johnson, A. H.  
Swift Canadian Co., Ltd.  
Turner & Sons, J. J.  
Woods Manufacturing Co., Ltd.

## CANT HOOKS

General Supply Co., of Canada, Ltd.  
Pink & Company, Thomas

## CARS

Mussens, Ltd.

## CEDAR

Adams River Lumber Co.  
Bury & Co., Robt.  
Cameron Lumber Co.  
Canadian Western Lumber Co.  
Chesbro, R. G.  
Fesserton Timber Company  
McElroy Lumber Co., Ltd.  
Muir & Kirkpatrick  
Rose, McLaurin, Limited  
Terry-Nicholson-Cates Ltd.  
Thurston-Flavelle Lumber Co.  
Vancouver Lumber Company.  
Victoria Lumber & Mfg. Co.

## CHAINS

Canadian Link-Belt Company, Ltd.  
General Supply Co., of Canada, Ltd.  
Engineering & Machine Works of  
Canada  
Hamilton Company, William  
Pink & Company, Thomas  
Waterous Engine Works Company

## CLOTHING

Grant-Holden-Graham  
Woods Mfg. Company

## CONCRETE MIXERS

Mussens, Ltd.

## CONVEYOR MACHINERY

Canadian Link-Belt Company, Ltd.  
General Supply Co., of Canada, Ltd.  
Hamilton Company, William  
Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.  
Waterous Engine Works Company

## CORDWOOD

McClung, McLellan & Berry

## COUPLING (Shaft)

Engineering & Machine Works of  
Canada

## CRANES

Hopkins & Co., Ltd., F. H.  
International Land & Lumber Co.  
Canadian Link-Belt Company, Ltd.

## CUTTER HEADS

Shimer Cutter Head Company  
Yates Machine Co., P.B.

## CYPRESS

Maus Lumber Co., Chas. O.  
Wistar, Underhill & Nixon

## DERRICKS AND DERRICK FITTINGS

Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.

## DOORS

Canadian Western Lumber Co.  
Mason, Gordon & Co.  
Terry-Nicholson-Cates Ltd.

## DOORS, FIREPROOF

Mussens, Ltd.

## DRAG SAWS

Gerlach Company, Peter  
Hamilton Company, William

## DRY KILNS

Sturtevant, B. F. & Co.

## DUST COLLECTORS

Reed & Co., Geo. W.  
Toronto Blower Company

## EDGERS

Hamilton Company, Ltd., William  
Green Company, G. Walter  
Long Mfg. Company, E.  
Payette Company, P.  
Waterous Engine Works Company  
Yates Machine Co., P.B.

## ELEVATING AND CONVEYING MACHINERY

Canadian Link-Belt Company, Ltd.  
Engineering & Machine Works of  
Canada

Hamilton Company, William  
Mussens, Ltd.

Waterous Engine Works Company

## ENGINES

Engineering & Machine Works of  
Canada  
Hamilton Company, William  
Payette Company, P.  
Sylvester Manufacturing Co.  
Waterous Engine Works Company

## EXCELSIOR MACHINERY

Elmira Machinery & Transmission  
Company

## EXHAUST FANS

Sturtevant, B. F. & Co.  
Toronto Blower Company

## EXHAUST SYSTEMS

Reed & Co., Geo. W.  
Toronto Blower Company

## FURNACES

Gates Engineering Co.

## FILES

Simonds Canada Saw Company

## FIR

Adams River Lumber Co.  
Apex Lumber Co.  
Associated Mills, Limited  
Bainbridge Lumber Company  
Cameron Lumber Co.  
Canadian Western Lumber Co.  
Canfield-Wilmot, Ltd.  
Chesbro, R. G.  
Fesserton Timber Co.  
Gordon Lumber Co., A. E.  
Grier & Sons, Ltd., G. A.  
Knox Brothers  
Mason, Gordon & Co.  
McElroy Lumber Co., Ltd.  
Robertson & Hackett Sawmills  
Rose, McLaurin, Limited  
Terry-Nicholson-Cates Ltd.  
Timberland Lumber Company  
Timms, Phillips & Co.  
Underhill Lumber Co.  
Vancouver Lumber Company  
Vanderhoof Lumber Company  
Victoria Lumber & Mfg. Company

## FIRE BRICK

Beveridge Supply Co., Limited  
Elk Fire Brick Company of Canada

## FIRE FIGHTING APPARATUS

Waterous Engine Works Company

## FITTINGS

Crane Limited

## FLOORING

Cameron Lumber Co.  
Canfield-Wilmot, Ltd.  
Chesbro, R. G.  
Gordon Lumber Co., A. E.  
Long-Bell Lumber Company  
Terry-Nicholson-Cates, Ltd.

## GEARS (Cut)

Smart-Turner Machine Company

## GUARDS (Machinery and Window)

Canada Wire & Iron Goods Co.

## HARDWOODS

Anderson Lumber Company, C. G.  
Anderson, Shreiner & Mawson  
Atlantic Lumber Company  
Black Rock Lumber Co.  
Bury & Co., Robt.  
Cameron & Company  
Clark, Edward & Sons  
Edwards & Co., W. C.  
Fassett Lumber Company, Limited  
Fesserton Timber Co.  
Gillespie, James  
Gloucester Lumber & Trading Co.  
Grier & Sons, Ltd., G. A.  
Harris Lumber Co., Frank H.  
Kinnon Lumber Co.  
Long-Bell Lumber Co.  
Knox Brothers  
Mason & Company, Geo.  
Maus Lumber Co., Chas. O.  
McDonagh Lumber Company  
McLennan Lumber Company  
McNeil Lumber Co.  
McLung, McLellan & Berry  
Murphy Lumber Co., Wm. J.  
Pedwell Hardwood Lumber Co.  
Summers, James R.

## HARDWOOD FLOORING

Grier & Sons, Ltd., G. A.

## HARNES

Lamontague, Ltd.

## HEMLOCK

Anderson Lumber Company, C. G.  
Anderson, Shreiner & Mawson  
Beck, C. Mfg. Co.  
Big Bear Lumber Co.  
Canadian General Lumber Company  
Edwards & Co., W. C.  
Fesserton Timber Co.  
Gordon Lumber Co., A. E.  
Grier & Sons, Ltd., G. A.  
Hocken Lumber Company  
Mason, Gordon & Company  
McCormack Lumber Company  
McDonagh Lumber Company  
McElroy Lumber Co., Ltd.  
Robertson & Hackett Sawmills  
Stalker, Douglas A.  
Terry-Nicholson-Cates Ltd.  
Vancouver Lumber Company  
Vanderhoof Lumber Company

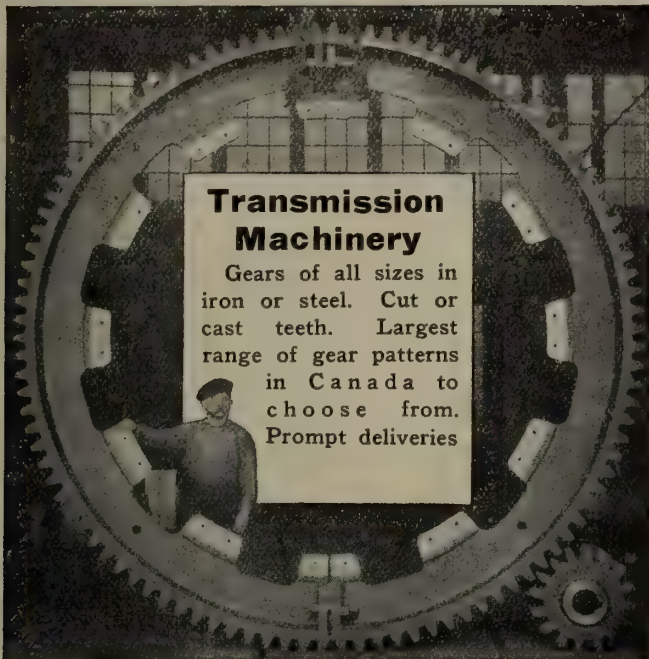
## HOISTING AND HAULING ENGINES

General Supply Co., of Canada, Ltd.

(Continued on page 124)



# KENNEDY



## Transmission Machinery

Gears of all sizes in iron or steel. Cut or cast teeth. Largest range of gear patterns in Canada to choose from. Prompt deliveries

*Largest range of patterns in Canada to choose from*



## The Wm. Kennedy & Sons LIMITED

District Representatives  
 M. B. SAUNDERS, H. C. KENNEDY,  
 8 Silver Street, Cobalt 232 St. James St., Montreal.  
 Phone Cobalt 153 Phone Main 394  
 Maritime Representative:  
 C. A. Fowler, Tramway Building, Halifax, N.S.



## Log with "Caterpillars"

In swamping out roads, toting supplies, skidding logs, or making up and hauling trains, the Northern "Caterpillar"\* Logger does all the things a machine must do to be a real success in logging work, winter or summer. Its flexible tracks enable it to climb over obstructions, cross ditches, and operate continuously both on and off the road. It is easy to control, turns in its own length and provides correct speeds for every operation. Where heavy snowfalls bury the roads and camps, the Northern "Caterpillar"\* Logger quickly plows through the drifts and gets traffic moving. The Abitibi Power & Paper Co. at Iroquois Falls, Ont., is logging the "Caterpillar"\* way. Let us give you the facts on their operations.

*\*There is but one "Caterpillar"—Holt builds it*

**We maintain complete service stocks**

## CANADIAN HOLT COMPANY, Limited

1109 St. Catherine St., W., Montreal, P.Q. Telephone Uptown 1504

*Branches and Service Stations all Over the World*

# CATERPILLAR

# H O L T

## EUROPEAN PLAN

**Rooms 600 Baths**

**Headquarters in Detroit for**

**Old Colony Club  
 Detroit Automobile Club**



### DAILY RATES.

100 at \$2.50 Single	-	-	\$4.50 Double
150 " \$3.00	"	-	\$5.00 "
100 " \$4.00	"	-	\$6.00 "
50 " \$5.00	"	-	\$7.00 "

50 with Twin Beds, \$5.00 to \$7.00

100 In Suite, \$5.00 to \$8.00, Double

Two Floors of Agents' Sample Rooms \$5.00 per Day

Table d'Hote Dinner, \$1.00 - \$1.50

Business Mens' Lunch 50 - 75

## HOTEL TULLER

*Under New Management.*

CAFETERIA

O. C. FROMAN, Mgr.

GRILLE



Hopkins & Co., Ltd., F. H.  
London Concrete Machinery Co.  
Mussens, Ltd.

**HOSE**

General Supply Co., of Canada, Ltd.  
Gutta Percha & Rubber Company  
Mussens, Ltd.

**INSURANCE**

Hardy & Company, E. D.  
Lumberman's Indemnity Exchange  
Rankin Benedict Underwriting Co.

**INTERIOR FINISH**

Cameron Lumber Company  
Canadian Western Lumber Co.  
Canfield-Wilmot, Ltd.  
Eagle Lumber Company  
Mason, Gordon & Co.  
Rose, McLaurin, Limited  
Terry-Nicholson-Cates, Ltd.

**KILN DRIED LUMBER**

Bury & Co., Robt.

**KNIVES**

Disston & Sons, Henry  
Simonds Canada Saw Company  
Waterous Engine Works Company

**LAMPS AND LANTERNS**

Coleman Lamp Co.  
Mussens, Ltd.

**LARCH**

Otis Staples Lumber Company

**LATH**

Adams River Lumber Co.  
Anderson, Shreiner & Mawson  
Apex Lumber Company  
Austin & Nicholson  
Beauchemin & Fils, P.  
Beck, C. Mfg. Co.  
Brennen & Sons  
Cameron Lumber Company  
Canadian General Lumber Company  
Carew Lumber Company, John  
Chaleurs Bay Mills

Dadson, A. T.  
Eagle Lumber Company  
Fassett Lumber Company, Limited  
Foley Lumber Company  
Fraser Bryson Lumber Co., Ltd.

Gloucester Lumber & Trading Co.  
Gordon Lumber Co., A. E.  
Greig Morris Ltd.  
Grier & Sons, Ltd., G. A.  
Harris Tie & Timber Company, Ltd.  
Larkin Company, C. A.  
Mason & Company, Geo.  
McLennan Lumber Company  
Miller, W. H. Company  
New Ontario Colonization Company  
Otis Staples Lumber Company  
Power Lumber Company  
Shevlin-Clarke Company  
Terry-Nicholson-Cates, Ltd.  
Victoria Harbor Lumber Company

**LATH BOLTERS**

General Supply Co. of Canada, Ltd.  
Hamilton Company, William  
Payette & Company, P.

**LOCOMOTIVES**

Engineering & Machine Works of  
Canada  
General Supply Co. of Canada, Ltd.  
Hopkins & Co., Ltd., F. H.  
Climax Manufacturing Company  
Montreal Locomotive Works  
Mussens, Ltd.

**LINK-BELT**

Canadian Link-Belt Company  
Hamilton Company, William

**LOCOMOTIVE CRANES**

Canadian Link-Belt Company  
Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.

**LOGGING ENGINES**

Engineering & Machine Works of  
Canada

Hopkins & Co., Ltd., F. H.  
Mussens Limited

**LOG HAULER**

Engineering & Machine Works of  
Canada  
Green Company, G. Walter  
Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.  
Payette & Company, P.

**LOGGING MACHINERY AND EQUIPMENT**

Fleming & MacLeary  
General Supply Co. of Canada, Ltd.  
Hamilton Company, William  
Hopkins & Co., Ltd., F. H.  
Payette & Company, P.  
Smith Foundry Co.  
Sylvester Manufacturing Co.  
Waterous Engine Works Company  
West, Peachey & Sons  
Mussens Limited

**LUMBER DRY KILNS**

Sturtevant, B. F. & Co.

**LUMBER EXPORTS**

Fletcher Corporation

**LUMBER TRUCKS**

Hamilton Company, William  
Mussens, Ltd.  
Waterous Engine Works Company

**LUMBERMEN'S BOATS**

Adams Engine Company  
Gidley Boat Company  
West, Peachey & Sons

**MILL PIPING**

Neville-Cooper Co.

**MOTORS**

Sturtevant, B. F. & Co.

**NAILING MACHINES**

Yates Machine Co., P.B.

**OAK**

Long-Bell Lumber Company  
Maus Lumber Co., Chas. O.

**PACKING**

Beveridge Supply Company  
Gutta Percha & Rubber Company

**PANELS**

Bury & Company, Robt.

**PAPER**

Beveridge Supply Company

**PINE**

Adams River Lumber Co.  
Anderson Lumber Company, C. G.  
Anderson, Shreiner & Mawson  
Atlantic Lumber Company  
Austin & Nicholson  
Beck, C. Mfg. Co.  
Big Bear Lumber Co.  
Black Rock Lumber Co.  
Cameron Lumber Company  
Canadian General Lumber Company  
Canadian Western Lumber Co.  
Canfield-Wilmot, Ltd.  
Chesbro, R. G.  
Cleveland-Sarnia Sawmills Company  
Dadson, A. T.  
Dudley, Arthur N.

Eagle Lumber Company  
Edwards & Co., W. C.  
Excelsior Lumber Company

Fesserton Timber Co.  
Fraser Bryson Lumber Co., Ltd.  
Gillies Bros, Limited  
Gloucester Lumber & Trading Co.  
Gordon Lumber Co., A. E.  
Gordon & Company, George  
Goodday & Company, H. R.  
Greig Morris Ltd.  
Grier & Sons, Ltd., G. A.  
Harris Lumber Co., Frank H.

Harris Tie & Timber Company, Ltd.  
Hettler Lumber Co., Herman H.  
Hocken Lumber Company  
Julien, Roch  
Lloyd, W. Y.  
Loggie Company, W. S.  
Long-Bell Lumber Company  
Mason, Gordon & Co.  
Mason & Company, Geo.

(Continued on page 128)

# FIRE BRICK AND CLAY

We make several brands of fire brick by every known process of manufacture from a selection of various high grade Pennsylvania clays. This enables us to furnish the best for your boilers, dutch ovens, refuse burners, kilns, etc. We specialize in fire brick for power plants and if you will advise us whether your boilers are hand fired or stoker fired and kind of fuel used we can then give you the proper brick for your work.

We carry a large stock of our different brands in various sizes and shapes in our Hamilton warehouse which enables us to ship at once.

We manufacture the following well-known brands:

"Elkco Special," "Elk Steel,"  
"St. Marys," "Keystone" and "M.D. Elk"

Write for copy of our catalogue,

**Elk Fire Brick Co. of Canada, Ltd.**

HIGH GRADE FIRE BRICK and CLAY

**Sun Life Bldg., Hamilton, Canada**

Representatives for Maritime Provinces:

**RHODES, CURRY COMPANY, Ltd., Head Office, AMHERST, N.S.**  
Branches at Sydney and New Glasgow, N. S.



## Put your problem up to us

We are specialists in building locomotives. We build all types and sizes, also all kinds of repair parts for locomotives and tenders.

Our experience puts us in a position to give you expert advice as to what particular type and size of locomotive is best suited to your needs.

**Put Your Locomotive Problem  
up to us.**

**Montreal Locomotive Works**

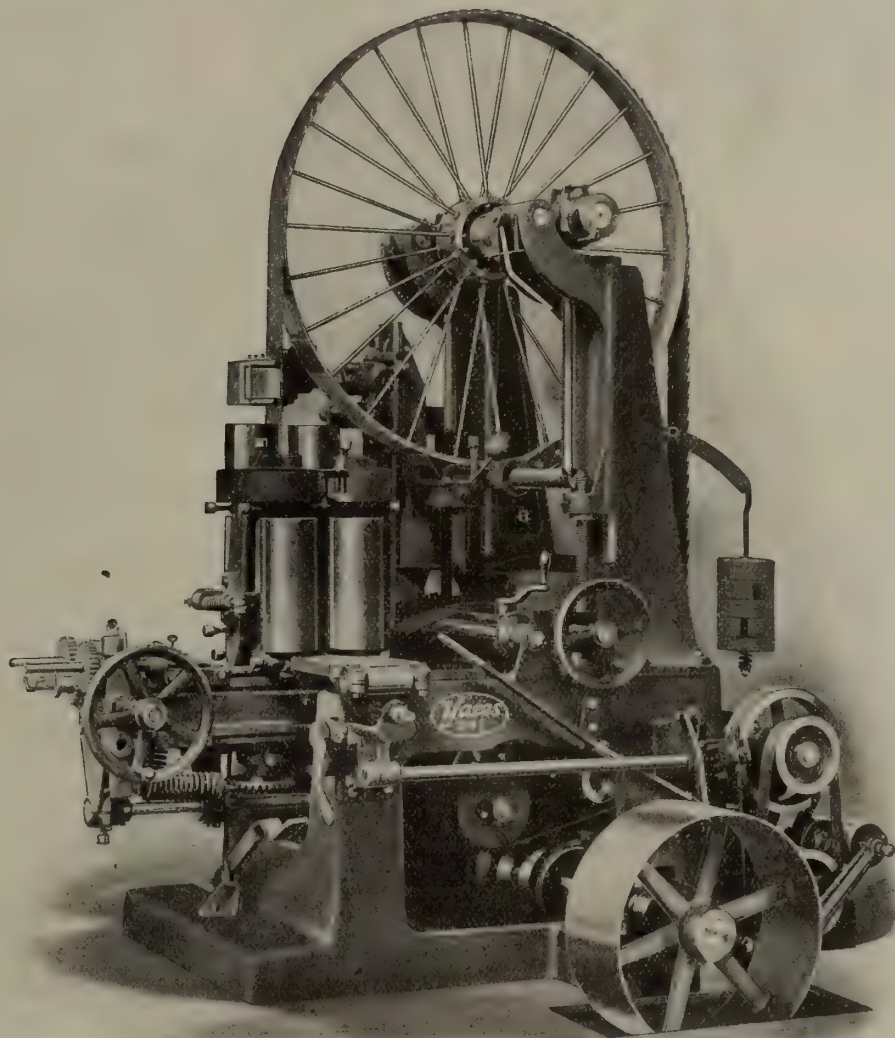
Limited

**Dominion Express Building, : Montreal, Canada**



---

# A STURDY MEDIUM CAPACITY RESAW



This band resaw is considered the best of its type. One of its finest features lies in its capability to cut accurately. Takes stock up to 30 inches wide, 12 inches thick. Can be used for straight resawing, or by tilting the feed rolls, will saw bevel siding. Is an ideal machine for this purpose.

The yield rolls are at the left or outer side of the machine. The first infeed- ing roll at the left has an independent yield, which allows a thick board follow- ing a thin one, to be properly presented to the blade. Eight rates of feed 25 to 185 feet per minute are instantly available.

Upon request we will mail you circular which illustrates and outlines this ma- chine fully.

***P.B. Yates Machine Co. Ltd.***  
**HAMILTON - ONTARIO**

**EASTERN SALES OFFICE**

**263 ST. JAMES ST.,**

**MONTREAL, QUE.**

**WORLD'S LARGEST MANUFACTURERS OF WOODWORKING MACHINERY**

---



McCormack Lumber Company  
McFadden, J. J.  
McLennan Lumber Company  
Montreal Lumber Company  
Muir & Kirkpatrick  
Otis Staples Lumber Company  
Parry Sound Lumber Company  
P. Q. Lumber Co.  
Rolland Lumber Company  
W. & J. Sharples  
Shevlin-Clarke Company  
Stalker, Douglas A.  
Summers, James R.  
Terry-Nicholson-Cates Ltd.  
Victoria Harbor Lumber Company  
Watson & Todd, Limited

**PLANING MILL EXHAUSTERS**  
Toronto Blower Company  
Sturtevant, B. F. & Co.

**PLANING MILL FANS (Reversible)**  
Mussens, Ltd.

**PLANING MILL MACHINERY**  
Mershon & Company, W. B.  
Toronto Blower Company  
Yates Machine Company, P. B.

#### POPLAR

Keewatin Lumber Co.

#### PORTABLE SAWMILLS

Brady Machinery Co.

#### POST GRINDERS

Smith Foundry Company

#### POSTS AND POLES

Anderson, Shreiner & Mawson  
Canadian Tie & Lumber Co.  
Eagle Lumber Company  
Gordon Lumber Co., A. E.  
Harris Tie & Timber Company, Ltd.  
Long-Bell Lumber Company  
Mason, Gordon & Co.  
McLennan Lumber Company  
Terry-Nicholson-Cates Ltd.

#### PULLEYS AND SHAFTING

Bernard Industrial Co., The A.  
Canadian Link-Belt Company  
General Supply Co. of Canada, Ltd.  
Green Company, G. Walter  
Engineering & Machine Works of Canada  
Hamilton Company, William  
McLaren, D. K. Ltd.  
Williams Machinery Co., A. R.

#### PULP MILL MACHINERY

Canadian Link-Belt Company  
Engineering & Machine Works of Canada  
Hamilton Company, William  
Payette & Company, P.  
St. Lawrence Lumber Co.  
Waterous Engine Works Company  
Williams Machinery Co., A. R.

#### PULPWOOD

British & Foreign Agencies  
D'Auteuil Lumber Company  
Price Bros. & Company  
Scott, Draper & Company

#### PUMPS

Engineering & Machine Works of Canada  
General Supply Co. of Canada, Ltd.  
Hamilton Company, William  
Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.  
Smart-Turner Machine Company  
Sylvester Mfg. Co., Ltd.  
Waterous Engine Works Company

**PLANING MILL EXHAUSTERS**  
(Steel Plate)  
Sturtevant, B. F. & Co.

#### RAILS

Gartshore, John J.  
Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.

#### ROOFINGS

(Rubber, Plastic and Liquid)  
Beveridge Supply Company  
Reed & Co., Geo. W.

#### RUBBER GOODS

Dunlop Tire & Rubber Goods Co.  
Gutta Percha & Rubber Company

#### SAWS

Atkins & Company, E. C.

General Supply Co. of Canada, Ltd.  
Gerlach Company, Peter  
Green Company, G. Walter  
Hoe & Company, R.  
Radcliff Saw Mfg. Company  
Shurly Company, Ltd., T. F.  
Shurly-Dietrich Company  
Simonds Canada Saw Company

#### SAW GRINDERS

Smith Foundry Company

#### SAW MILL LINK-BELT

Canadian Link-Belt Company

#### SAW MILL MACHINERY

Brady Machinery Co.  
Canada Machinery Corporation  
Canadian Link-Belt Company  
Clark Bros. Co.  
General Supply Co. of Canada, Ltd.  
G. Walter Green Company, Ltd.  
Hamilton Company, William  
Long Mfg. Company, E.  
Mershon & Company, W. B.  
Parry Sound Lumber Company  
Payette & Company, P.  
Waterous Engine Works Company  
Yates Machine Company, P. B.

#### SAW SHARPENERS

Hamilton Company, William  
Waterous Engine Works Company

#### SAW SLASHERS

Hamilton Company, William  
Payette & Company, P.  
Waterous Engine Works Company

#### SHINGLES

Apex Lumber Company  
Associated Mills, Limited  
Cameron Lumber Company  
Campbell-McLaurin Lumber Co.  
Canadian Western Lumber Co.  
Chaleurs Bay Mills  
Chesbro, R. G.  
D'Auteuil Lumber Company  
Eagle Lumber Company  
Fraser, Companies Limited  
Gillespie, James  
Gloucester Lumber & Trading Co.  
Gordon Lumber Co., A. E.  
Grier & Sons, Ltd., G. A.  
Harris Tie & Timber Co., Ltd.  
Mason, Gordon & Co.  
McLennan Lumber Company  
McNeil Lumber Co.  
Miller Company, Ltd., W. H.  
Rose, McLaurin, Limited  
Stalker, Douglas A.  
Terry-Nicholson-Cates Ltd.  
Timms, Phillips & Company  
Vancouver Lumber Company  
Vanderhoof Lumber Company

#### SHINGLE & LATH MACHINERY

Green Company, C. Walter  
Hamilton Company, William  
Long Manufacturing Company, E.  
Payette & Company, P.  
Smith Foundry Company

#### SILENT CHAIN DRIVES

Canadian Link-Belt Company

#### SLEEPING EQUIPMENT

Simmons Limited

#### SMOKESTACKS

Hamilton Company, William  
Neville-Cooper Co.  
Reed & Co., Geo. W.  
Waterous Engine Works Company

#### SNOW PLOWS

Pink & Company, Thomas

#### SPARK ARRESTORS

Reed & Company, Geo. W.  
Waterous Engine Works Company

#### SPRUCE

Adams River Lumber Co.  
Anderson, Shreiner & Mawson  
Beauchemin & Fils, P.  
Big Bear Lumber Co.  
Cameron Lumber Company

Campbell, McLaurin Lumber Co.  
Canadian Western Lumber Co.  
Chesbro, R. G.  
Coburn Lumber Co.  
Cox, Long & Company  
Dadson, A. T.  
Dudley Arthur N.  
Fassett Lumber Company, Ltd.  
Fraser, Companies Limited  
Fraser Bryson Lumber Co., Ltd.  
Gillies Brothers  
Gloucester Lumber & Trading Co.  
Goodday & Company, H. R.  
Gordon Lumber Co., A. E.  
Gravel Lumber Co.  
Greig Morris Ltd.  
Grier & Sons, Ltd. G. A.  
Harris Lumber Co., Frank H.  
Hocken Lumber Company  
International Land & Lumber Co.  
Julien, Roch  
Kent James, Robt.  
Larkin Co., C. A.  
Lloyd, W. Y.  
Loggie Co., W. S.  
Mason, Gordon & Co.  
McCormack Lumber Co.  
McDonagh Lumber Co.  
McElroy Lumber Co., Ltd.  
McLennan Lumber Company  
Muir & Kirkpatrick  
New Ontario Colonization Co.  
Northern Lumber Mills  
Power Lumber Co.  
P. Q. Lumber Co.  
Rolland Lumber Co.  
Rose, McLaurin, Limited  
Spencer, Limited, C. A.  
Sutherland Lumber Co., A. A.  
Terry-Nicholson-Cates Ltd.  
Vanderhoof Lumber Company

#### STEAM ENGINES

Lamontague, Ltd.

#### STEAM SHOVELS

Hopkins & Co., Ltd., F. H.

#### STEEL CHAIN

Canadian Link-Belt Company  
Hopkins & Co., Ltd., F. H.  
Waterous Engine Works Company

#### STEAM PLANT ACCESSORIES

Waterous Engine Works Company

#### STEEL BARRELS

Smart-Turner Machine Company

#### STEEL DRUMS

Smart-Turner Machine Company

#### TARPAULINS

Turner & Sons, J. J.  
Woods Manufacturing Company, Ltd.

#### TANKS

Hopkins & Co., Ltd., F. H.  
Horton Steel Works

#### TENTS

Turner & Sons, J. J.  
Woods Mfg. Company

#### TIES

Austin & Nicholson  
Carew Lumber Co., John  
Canadian Tie & Lumber Co.  
Chaleurs Bay Mills  
D'Auteuil Lumber Co.  
Gloucester Lumber & Trading Co.  
Harris Tie & Timber Company Ltd.  
International Land & Lumber Co.  
McLennan Lumber Company  
McNeil Lumber Co.  
Miller, W. H. Co.  
Scott, Draper & Co.  
Terry-Nicholson-Cates Ltd.

#### TIMBER BROKERS

Cant & Kemp  
Farnworth & Jardine  
Wright, Graham & Co.

#### TIMBER CRUISERS AND ESTIMATORS

Savage & Bartlett.  
Sewell, James W.

#### TIMBER LANDS

Department of Lands & Forests, Ont.

#### TOWING MACHINES

Payette & Company, P.  
West, Peachey & Sons

#### TRACTORS

Holt Manufacturing Company  
Hopkins & Co., Ltd., F. H.  
Mussens Limited

#### TRAILERS

Dominion Truck Equipment Co.  
Mussens, Ltd.  
Sylvester Manufacturing Co.

#### TRANSMISSION MACHINERY

Canadian Link-Belt Company  
Engineering & Machine Works of Canada  
General Supply Co. of Canada, Ltd.  
Hamilton Company, William  
Kennedy, Wm. & Sons  
Waterous Engine Works Co.

#### TRUCKS

Tudhope Anderson Co.

#### TRUCK UNITS

Dominion Truck Equipment Co.

#### TURBINES

Engineering & Machine Works of Canada  
Hamilton Company, William

#### TURBO UNDERGRATE BLOWERS

Sturtevant, B. F. & Co.

#### VALVES

Crane, Limited

#### VENEERS

Bury & Co. Robt.

#### VENEER MACHINERY

Coe Manufacturing Company

#### VETERINARY REMEDIES

Dr. Bell Veterinary Wonder Co.  
Johnson, A. H.

#### WARPING TUGS

West, Peachey & Sons

#### WATER WHEELS

Engineering & Machine Works of Canada  
Hamilton Company, William

#### WIRE

Canada Metal Co.  
Laidlaw Bale Tie Company  
Canada Wire & Iron Goods Co.

#### WIRE CLOTH

Canada Wire & Iron Goods Co.

#### WIRE ROPE

Canada Wire & Iron Goods Co.  
Hopkins & Co., Ltd., F. H.  
Dominion Wire Rope Co.  
Greening Wire Co., B.  
Mussens, Ltd.

#### WOODWORKING MACHINERY

General Supply Co., of Canada, Ltd.  
Long Manufacturing Company, E.  
Mershon & Company, W. B.  
Waterous Engine Works Co.  
Yates Machine Company, P. B.

#### WOOD PRESERVATIVES

Beveridge Supply Company  
Austin & Nicholson  
New Ontario Colonization Company  
Power Lumber Co.

#### WOOD PULP

Austin & Nicholson  
New Ontario Colonization Co.  
Power Lumber Co.



# ATKINS

## STERLING QUALITY SAWS

### Good Saws, Saw Tools and Machine Knives

are necessary for speed, economy and efficient production.

They are the deciding factor in the success of any sawmill, furniture factory or woodworking plant. Thousands of saw users know, because they have convinced themselves, that the installation of Atkins Saws, Tools and Machine Knives means more and better work with larger profits.

### Give Atkins a Trial

We will make good with our products and convince you that they are what we claim in our slogan,

***"The Finest on Earth"***

Leading manufacturers of Saws, Saw Tools and Machine Knives, also Atkins-Coleman Feed Rollers. Use Acrolite and Ferrolite Wheels for your saw gumming and knife grinding. Increase your belt efficiency by using Cantol Belt Wax.

## E. C. ATKINS & CO.

Established 1857

The Sterling Quality Saw People

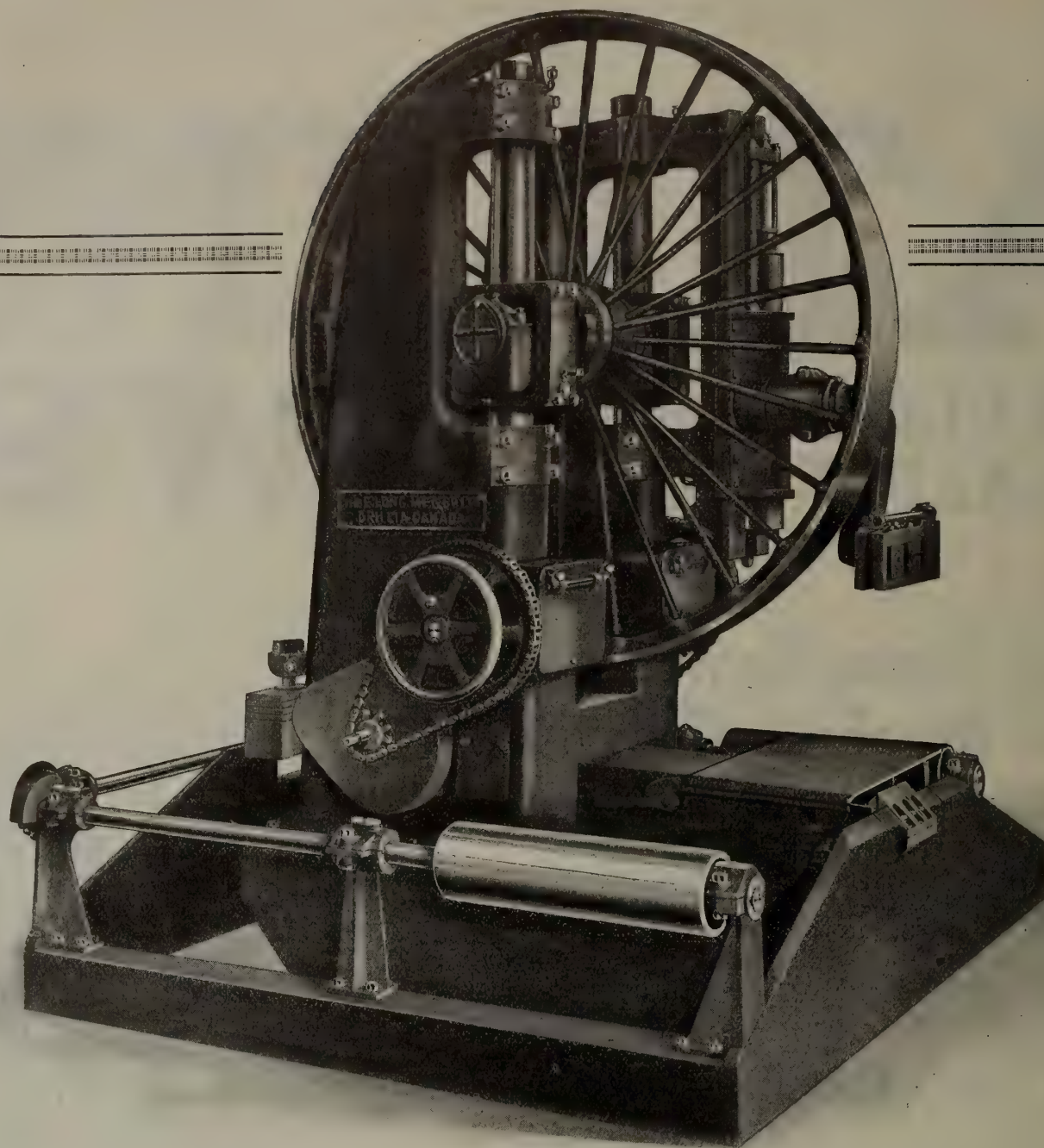
Canadian Factory, HAMILTON, Ontario

Branch carrying complete stock, VANCOUVER, B. C.



**MADE IN CANADA**





This is the machine that is known as "the last word in band mill construction".

In design and construction it represents the very best which science has to offer. And practice has proved that these principles are right. The "Long" Band Mill is the machine for economical production, freedom from breakdowns and long life.

The following brief description is interesting: Columns of full hollow box section, jointed at

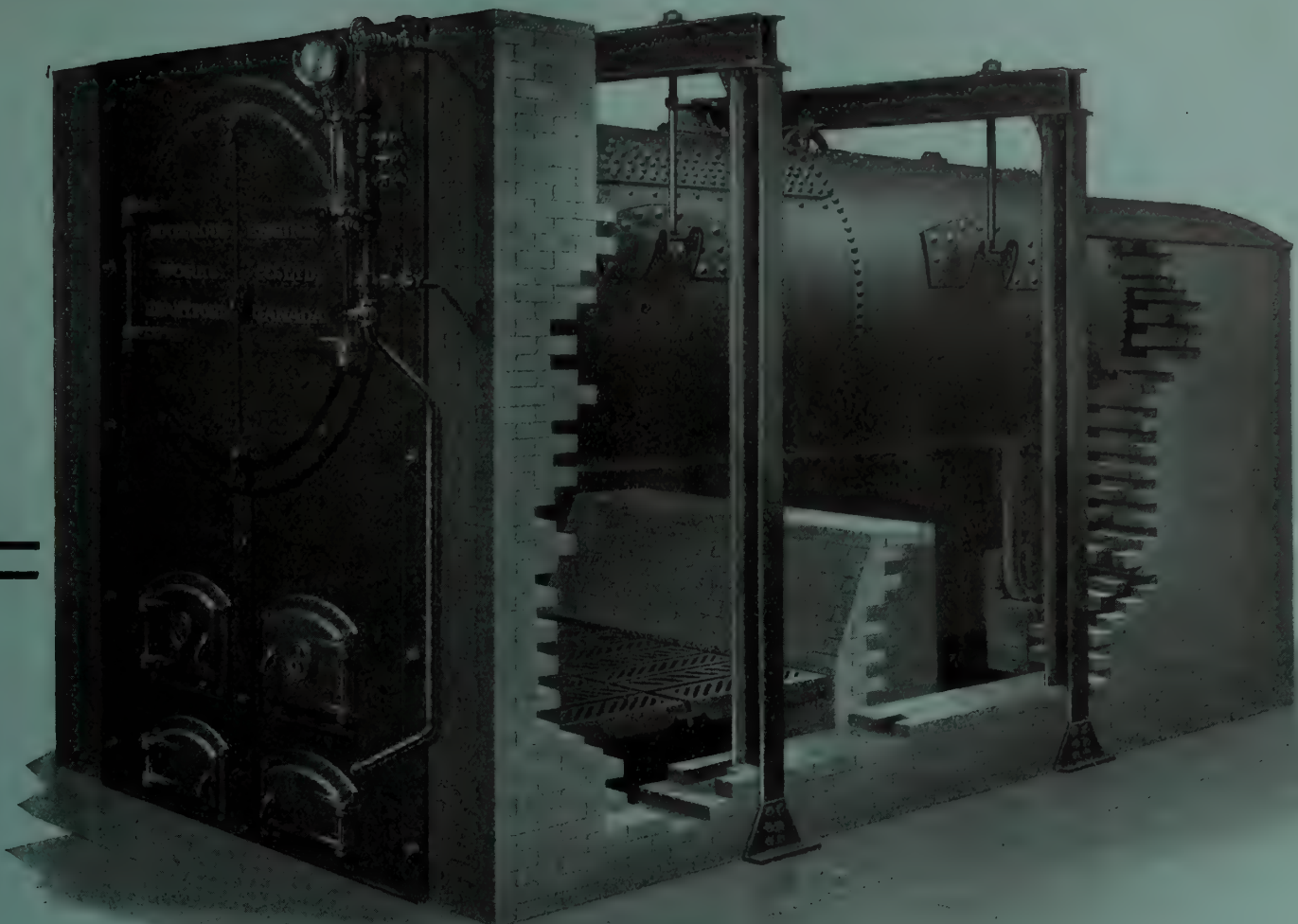
the bottom. Very sensitive, floating tension. Tension mechanism fully enclosed—easily accessible. Guides swing on centre line of saw. Guide Blocks adjustable in all directions; quick opening, non-breakable pattern. Upper and lower bearings the same size and interchangeable: Chain oiling, water cooled, adjustable in all directions. Protected steam cylinder to operate upper guide. Dake engine to handle upper wheel.

May we forward you more complete details?

## THE E. LONG MANUFACTURING CO., LIMITED ORILLIA - CANADA

A. R. Williams Machinery Co., Vancouver and Winnipeg  
Gormans Limited, Calgary & Edmonton      Williams & Wilson, Ltd., Montreal





# Waterous Boilers

## Are Best for Sawmill Use

You can get the best efficiency and satisfaction in steam production by using *Waterous Return Tubular Boilers* installed the Waterous way.

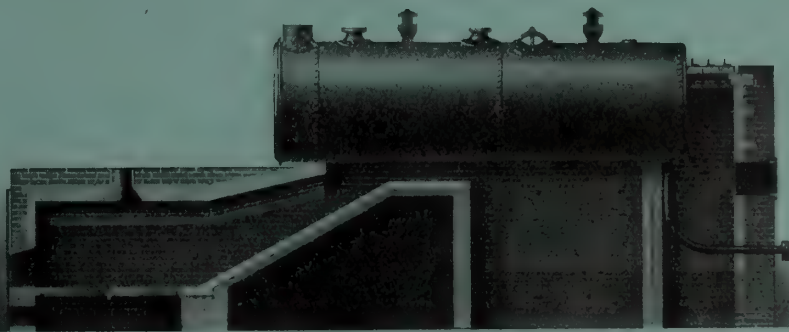
They are economical of fuel—carry plenty of steam in reserve for use in emergencies—can be used with hard

and dirty water—they are easily cleaned and readily taken care of.

Our boiler settings—*both full front and duch oven*—are dimensioned and designed to best handle the various fuels used in the sawmill. We can guarantee to give you the

most perfect combustion, with the least amount of work and attention, whatever kind of fuel you burn. We build both brick and full steel settings for all size boilers, single or battery.

Waterous Return Tubular Boilers are built for all Provinces—any size up to 165 HP.



*Write for New Catalog.*

# The Waterous Engine Works Co., Ltd.

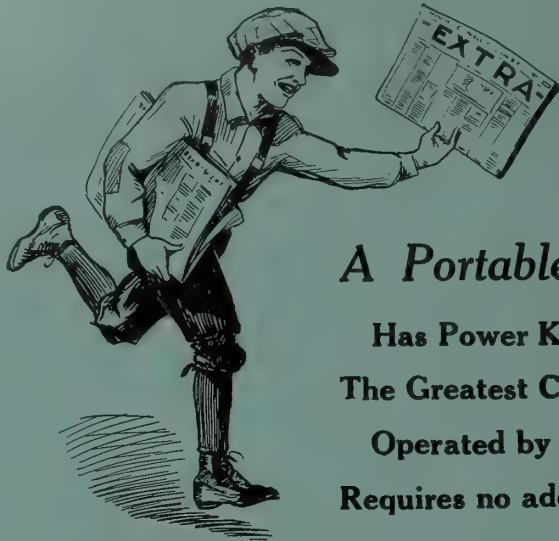
Molsons Bank Bldg., Vancouver, B.C.

BRANTFORD, CANADA

Branch—Winnipeg, Man.



# EXTRA



*Cadillac*  
404  
PATENTED

## A Portable Sawmill—

Has Power Knees and Dogs.

The Greatest Capacity of any mill on earth.

Operated by one man.

Requires no additional power.

**T**HIS Portable Sawmill is designed especially to handle short logs, veneer cores, etc., working them up into good marketable stock, railroad ties, box lumber, dimension stock, cooperage stock, etc.

To insure reasonable deliveries we are putting forth maximum efforts towards increased production. Let us have your enquiries now.

## BRADY MACHINERY COMPANY

Traverse City, Mich.



Cadillac, Mich.

Manufacturers of  
Portable Sawmill Machinery

General Offices:  
Traverse City, Mich.  
U. S. A.

Machine Shops and Foundries.  
Cadillac, Mich.  
U. S. A.



# Canada Lumberman

founded 1880

NEW AND USED  
**MACHINERY**  
H.W. PETRIE, LTD.  
TORONTO

## FIRE INSURANCE

Unequalled Facilities  
Protection + Service + Saving  
TO  
Lumbermen

**E. D. HARDY & CO.**  
BOOTH BLDG: OTTAWA, ONT.

## There's Real Economy in Arrow Head Saws

MADE  
IN  
CANADA



The use of Arrow Head Saws represents real economy because Arrow Head Saws are made of the highest grade Vanadium Steel, their quality and manufacture ensure perfect satisfaction at all carefully treated to facilitate cutting and lengthen their life.

We also make a full line of wood-cutting saws.

Prices and full information upon request.

**T. F. SHURLY CO., LIMITED ST. CATHARINES, ONT.**

*Here it is!*



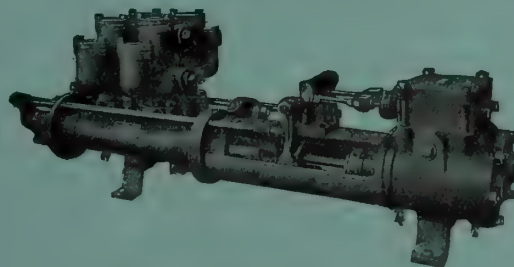
### The Handiest Lumber Truck Ever Made

Just what you need for the lumber yard—a TUDHOPE-ANDERSON DETACHABLE LUMBER TRUCK.

Note these features: The wide-tired steel wheels cannot come off whether going forward or back. Axles (13 1/4") are high quality square steel. Tires are 4 1/2" wide. If wheel spokes become bent or broken they can be replaced—an exclusive feature of Tudhope-Anderson trucks. Wood parts are best oak, air seasoned and kiln dried, well ironed and strongly braced.

Get our prices.

**Tudhope-Anderson Co., Ltd., Orillia, Ont.**



For Long Service and Minimum Repair Bills

### Try Smart-Turner Pumps

**The Smart-Turner Machine Company, Limited**  
Hamilton, Canada

## Pulpwood Operators, Lumbermen and Jobbers

Valuable time saved by using our Standardized  
Rowing and Power Pointers.

Specially designed for river, lake and mill pond work.

## Gidley Boat Company, Ltd.

Boats and Engines of all Kinds

**PENETANG, ONT.**



# Kendall Gang Circular

*The Machine that will convert your small logs into more and better lumber, quicker than ever before.*

The illustration shows one of the latest designs of gang circular patented by Mr. I. N. Kendall, the well-known millwright, of Ottawa. This machine takes 16-26 in. diam., 10 gauge saws—will cut cants up to 8 inches in thickness, and we furnish with it necessary saw collars for any thickness of lumber desired. It has a hollow mandrel, water cooled saws; each saw has a separate guide; easily accessible and readily adjustable, and the bridge tree is so designed that it can be removed, the saws taken off and a new set put on in 7 to 10 minutes. Safety fingers hung just inside the front press roll prevent a cant flying back off the saws. Lumber cut on these machines is guaranteed to come out absolutely true to size from end to end, and so smooth that 1/16 in. over size is all the allowance necessary for finish.

Read what one user says about it:—

"The machine has given every satisfaction and in many cases far exceeded my idea of sawing lumber; the proof of this being that our customers are paying me \$1.00 to \$1.50 per thousand more for certain classes of lumber than they can purchase same quality elsewhere—this advantage being purely on account of the uniform and smooth sawing this saw is capable of doing."

## We are the original manufacturers of these machines

We have been manufacturing them for the past fourteen years, and the experience gained in all those years is at your disposal. We make these machines in three sizes, as follows, using

26-in. saws for 8-in. cants, as illustrated.

32-in. saws for 10-in. cants.

36-in. saws for 12-in. cants.

Each size is of the very latest design and up-to-date in every improvement.

May we send you a list of satisfied users?

We also make a complete line of twin circulars with chain or steam feed for slabbing logs for these machines.

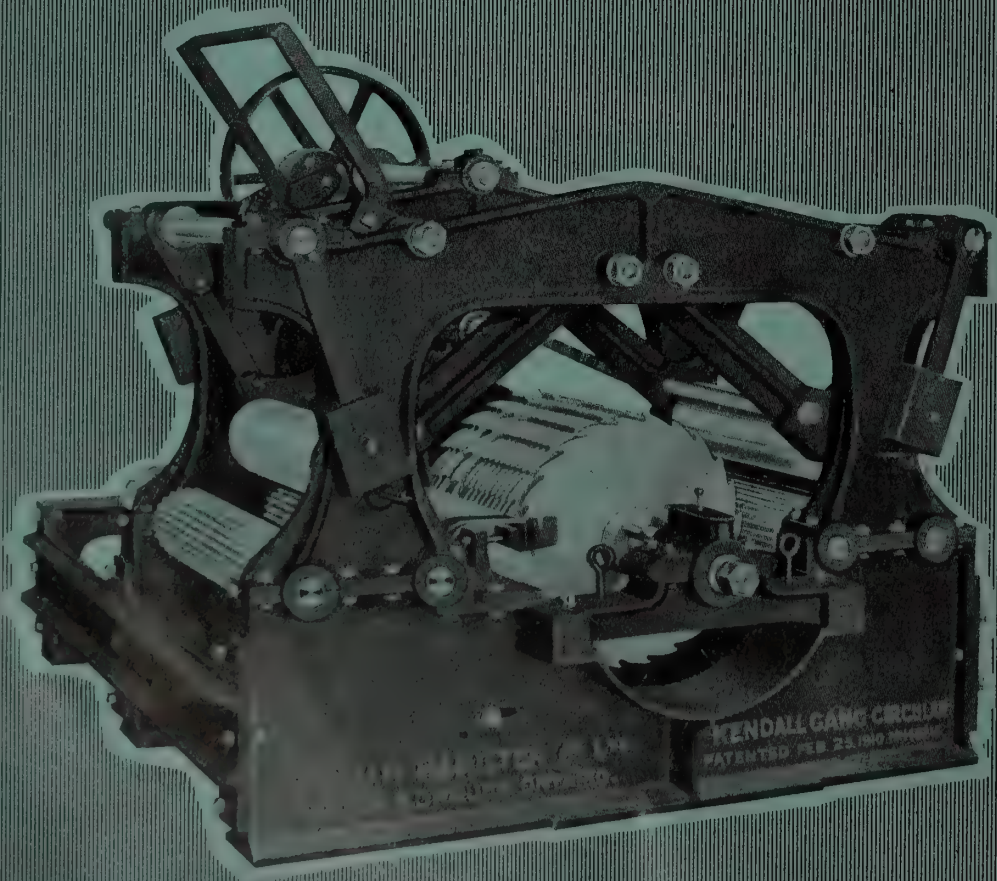
## William Hamilton Co., Limited

PETERBORO

ONTARIO

J. L. Neilson & Co., Winnipeg, Man.

E. G. Blackwell, 65 Davis Chambers, Vancouver, B.C.





# **Knox Brothers, Limited**

HEAD OFFICE:

**512-513 Drummond Building, Montreal, Que.**

## **The "S. S. Heathfield"**

is now on her way to Montreal loaded with a full cargo of

**DOUGLAS FIR TIMBERS—FIR and PINE LUMBER**

This vessel is being closely followed by

## **The "S. S. Margaret Coughlan"**

loaded with a full cargo of

**BRITISH COLUMBIA FOREST PRODUCTS**

The combined carrying capacity of these two vessels is

# **Approximately Ten Million Feet**

Several other vessels will leave for our Montreal yard during the months of May and June, and we expect to have at least one or two sailings per month during the balance of the season.

**We are specialists in British Columbia Forest Products**

## **WE HANDLE "THE BEST IN THE WEST"**

If you are interested in Western stock, send us your enquiries.  
We can make quick shipments from our Montreal stock.



# EDWARD CLARK & SONS LIMITED

807 Bank of Hamilton Building - Toronto

## Hardwood Lumber

SPECIALTY



BIRCH

We will start sawing this month at Midland one and a half million feet of the famous Hard Maple produced in this territory. We will accept your sawing instructions now.

Correspondence  
Invited

We have for prompt shipment 100 M ft. 8/4 F.A.S. Birch and 225 M. ft. 10/4 2 Common and Better Birch. This is of the usual high quality we always sell and is one year dry.

## EFFICIENCY, COURTESY AND SERVICE

### SOUTHERN HARDWOODS Dry Stock at Buffalo for Quick Shipment

WHITE ASH				PLAIN RED GUM				TENNESSEE SCENTED CEDAR				QUARTERED RED OAK				
1 & 2	Clear Strips	No. 1 Com.	No. 2 Com.	1 & 2	No. 1 Com.	No. 2 Com.	No. 3 Com.	1 in.—26,000	1 1/4 in.—1,500	POPLAR			1 & 2	Clear Strips	No. 1 Com.	No. 2 Com.
3/4 in.	2,200	1,500	2,500	1 in.	101,000	206,000	3,200	1 1/2 in.	1,500	1 & 2	Bright Saps	3/4 in.	1,700	5,700	500	
1 in.	204,000	22,000	108,000	1 1/4 in.	27,000	65,000	2,700	1 3/4 in.	4,000	18" up	1 & 2	1 in.	13,200	5,400	9,000	
1 1/4 in.	44,000	5,000	80,000	1 1/2 in.	17,000	43,000	15,500	2 in.	8,300	No. 1	700	1 1/4 in.	5,900	2,900	1,400	
1 1/2 in.	11,500	11,500	61,000	2 in.	5,000	36,000	15,000	2 1/2 in.	4,000	No. 2	200	1 1/2 in.	400	4,000	4,000	
2 in.	149,500	900	203,000	FIGURED RED GUM				No. 1C	81,000	37,000	24,000	2 in.	7,400	7,400	7,400	
2 1/2 in.	242,000	73,000	37,600					No. 1C	54,100	4,000	800					
3 in.	25,000	8,000	48,000	1 in.					81,000	92,900	700					
4 in.	134,000	39,000	7,500	1 1/4 in.					2,200	64,000	4,900					
				1 1/2 in.					5,300	42,000	24,000					
				8/4					8,300	14,000	12,800					
								4,000	8,000	13,800						
								600	10,000	21,000						
								4,500	9,200	9,200						
CHERRY				QUARTERED RED GUM				PLAIN RED OAK				QUARTERED WHITE OAK				
1 & 2	Clear Strips	No. 1 Com.	No. 2 Com.	1 & 2	No. 1C	No. 2C	No. 3C	1 & 2	No. 1 Com.	No. 2 Com.	No. 3 Com.	1 & 2	Clear Strips	No. 1 Com.	No. 2 Com.	
1 in.	36,000	7,500	133,000	4/4	29,000	41,000	1,000	3/4 in.	49,000	171,000	21,600	1/2 in.	6,100	6,100	6,100	
1 1/4 in.	18,000	5,000	12,000	5/4	24,000	52,000	1,000	1/2 in.	84,000	17,000	50,000	3/4 in.	3,900	6,300	3,000	
1 1/2 in.	7,200	7,000	104,000	6/4	24,000	49,000	5,600	1 1/4 in.	64,000	74,000	9,000	1 in.	2,800	700	800	
2 in.	7,000	22,000	63,000	8/4	75,000	88,000	1,500	1 1/2 in.	54,000	68,000	5,000	1 1/4 in.	7,000	27,000	48,000	
2 1/2 in.	4,500	4,300	3,000	SAP GUM				2 in.	59,000	112,000	26,000	1 1/2 in.	7,000	500	2,500	
3 in.	21,700	4,500	4,000	1 & 2	No. 1 Com.	No. 2 Com.	No. 3 Com.	2 1/2 in.	94,100	33,000	7,000	2 in.	3,500	21,000	5,700	
4 in.	3,000	900	900	1 & 2	No. 1 Com.	No. 2 Com.	No. 3 Com.	3 in.	12,800	20,000	12,000	2 1/4 in.	4,000	3,000	200	
				1 in.	1,500	2,500	2,500	3 1/2 in.	2,600	4,600		3 in.	600	200	200	
				1 1/4 in.	14,500	4,000	9,000	4 in.	72,000	7,000	15,900	4 in.	500	500	500	
				1 1/2 in.	1,800	11,200	3,000	1 1/4 in.	102,000	173,000	32,000	1 in.	123,000	3,000	111,000	
				2 in.	8,100	12,400	4,700	1 1/2 in.	50,000	33,000	15,200	1 1/4 in.	152,000	10,000	102,000	
				3 in.					2 in.	33,000	35,000	1,500	1 1/2 in.	59,000	2,300	17,000
								2 1/2 in.	115,000	44,000	2,000	2 in.	63,000	9,000	27,000	
								3 in.	13,000	23,000	900	2 1/4 in.	5,200	2,500	900	
								4 in.	25,000	17,800		2 1/2 in.	55,000	6,600	13,000	
												3 in.	8,000	1,500	4,000	
												4 in.	1,500	1,500	200	
CHESTNUT				QUARTERED SAP GUM				PLAIN WHITE OAK				BLACK WALNUT				
1 & 2	Clear Strips	No. 1 Com.	No. 2 Com.	1 & 2	No. 1C	No. 2C	No. 3C	1 & 2	No. 1 Com.	No. 2 Com.	No. 3 Com.	1 & 2	Clear Strips	No. 1 Com.	No. 2 Com.	
3/4 in.	1,600	3,000	57,000	4/4	1,800			1 in.	72,000	7,000	15,900	1 in.	123,000	3,000	111,000	
1 in.	119,000	2,000	231,000	5/4	9,000			1 1/4 in.	102,000	173,000	32,000	1 1/4 in.	152,000	10,000	102,000	
1 1/4 in.	16,000	1,800	30,000	8/4	18,000	13,800	300	1 1/2 in.	50,000	33,000	15,200	1 1/2 in.	59,000	2,300	17,000	
1 1/2 in.	23,700	2,600	88,000	10/4	5,000			2 in.	33,000	35,000	1,500	2 in.	63,000	9,000	27,000	
2 in.	3,000	9,000	41,000	12/4	300	300		2 1/2 in.	115,000	44,000	2,000	2 1/4 in.	5,200	2,500	900	
2 1/2 in.	2,000	2,000	2,000					3 in.	13,000	23,000	900	2 1/2 in.	55,000	6,600	13,000	
3 in.	1,300	1,300	1,300					4 in.	25,000	17,800		3 in.	8,000	1,500	4,000	
4 in.	1,500	300	300									4 in.	1,500	1,500	200	
CYPRESS				HICKORY								BASSWOOD				
1 & 2	Select Shop	No. 1 Shop	No. 2 Shop	1 & 2	No. 1 Com.	No. 2 Com.	No. 3 Com.	1 & 2	No. 1 Com.	No. 2 Com.	No. 3 Com.	1 & 2	Clear Strips	No. 1 Com.	No. 2 Com.	
3/4 in.	500	1,100	1,500	1 in.	1,100	6,000	1,000	1 in.	72,000	7,000	15,900	1 in.	123,000	3,000	111,000	
1 in.	46,000	107,000	76,000	1 1/4 in.	1,400	2,700	2,150	1 1/4 in.	102,000	173,000	32,000	1 1/4 in.	152,000	10,000	102,000	
1 1/4 in.	66,000	34,300	28,000	1 1/2 in.	64,000	62,000	9,000	1 1/2 in.	50,000	33,000	15,200	1 1/2 in.	59,000	2,300	17,000	
1 1/2 in.	133,000	53,000	8,600	2 in.	4,200	38,000	17,200	2 in.	33,000	35,000	1,500	2 in.	63,000	9,000	27,000	
2 in.	63,000	37,000	19,900	2 1/2 in.	2,000	5,000	5,700	2 1/2 in.	115,000	44,000	2,000	2 1/4 in.	5,200	2,500	900	
2 1/2 in.	13,000	7,900	700	3 in.	2,000	10,580	7,200	3 in.	13,000	23,000	900	2 1/2 in.	55,000	6,600	13,000	
3 in.	10,000	18,000	9,000	4 in.	2,400	2,400	375	3 1/2 in.	4,500	3,000		3 in.	8,000	1,500	4,000	
4 in.	9,200	5,000	4,000					4 in.	25,000	17,800		4 in.	1,500	1,500	200	

Also large stock of Brown Ash, Basswood, Beech, Birch, Elm and Maple.

## THE ATLANTIC LUMBER CO. Inc. 310 MANNING CHAMBERS TORONTO

MANUFACTURERS SOUTHERN HARDWOOD LUMBER

Head Office: BOSTON, MASS.

Yards: Buffalo, N. Y.

Mills KNOXVILLE, TENN., FONDE, KENTUCKY



WHITE PINE  
RED PINE  
JACK PINE  
SPRUCE  
HEMLOCK

HARDWOODS  
SHINGLES  
B. C. PRODUCTS  
TIMBER  
LATH

## Wise Buying

*The one sure way of obtaining satisfaction is to consider the standing and integrity of the firm, before you buy.*

### The Fesserton Timber Company Limited

15 Toronto St.      MAIN 795-6      Toronto  
Western Office: Winch Building, Vancouver, B.C.



**WE** conduct an extensive trade in Spruce Lath Cedar Ties and New Brunswick Cedar Shingles to the South American and British markets. Docking facilities are unexcelled.

Correspondence invited

## CHALEURS BAY MILLS

Main Office and Mills at  
Restigouche, Que.

Cable Address: Chalbay, Portland, & Restigouche, Que.

Portland Office  
31½ Exchange St.



# HEMLOCK

## *Ready for shipment*

30,000 ft.	2 x 6"	— 8/16'	No. 1 Hemlock.
30,000 "	2 x 8"	—14/16'	" "
10,000 "	2 x 10"	—14/16'	" "
7,000 "	2 x 12"	—14/16'	" "
50,000 "	2 x 4/up	— 8/16'	" "
100,000 "	1 x 4/up	— 8/16'	" "
40,000 "	2 x 4/up	— 6/16'	No. 2 Hemlock.
66,000 "	1 x 4/up	— 6/16'	" "

## Hocken Lumber Co., Limited

626 Confederation Life Building

Phone Main 3153 — Toronto, Ontario

## LATH and LUMBER

WHITE PINE  
NORWAY PINE

Shevlin - Clarke  Company Limited

FORT FRANCES, ONT.

Manufacturers  
and Wholesalers

Prompt Shipment.  
Attractive Prices.



## We Start Sawing May 1st

At Midland—White Pine, Red Pine,  
Hemlock

At Pembroke—White Pine

At Trout Creek—Hemlock, Spruce

Large stocks of band and gang sawn lumber. Reliable shippers, bang-up grades and the best of sawing and dressing.

Smooth, sound logs of good size that will produce excellent mill run of high average width.

We are open now to contract for the sale of blocks of lumber, timbers and lath at attractive prices.

Don't forget our service in supplying the best of British Columbia stock in lumber, timbers and shingles.

### The A. E. Gordon Lumber Co.

705-6 Confederation Life Building

Branch Office:  
507 Pacific Bldg., Vancouver, B.C.

TORONTO, ONT.  
Phone Adel. 4281



# Geo. Gordon & Co.

Limited

CACHE BAY - ONTARIO

*Manufacturers of*

## WHITE & NORWAY PINE

Lumber, Dimension Timber  
Lath, Shade Roller Pickets

*Planing Mill in Connection*



## The Spanish River Lumber Co. Limited

LUMBER MANUFACTURERS

CUTLER, ONTARIO

WHITE PINE,  
NORWAY PINE,  
HEMLOCK

Shipments  
by Rail  
or Water





# Canadian Forest Products

## QUALITY FIR PRODUCTS

FLOORING  
CEILING  
SIDING  
TRIM

*Exclusive Ontario Agents  
of*

The British Columbia Mills, Timber and Trading Company Limited  
Vancouver, B. C.

**TERRY-NICHOLSON-GATES**  
LIMITED

SUCCESSORS TO  
*Terry & Gordon*  
LIMITED

MONTREAL

TORONTO

VANCOUVER



THE  
**Montreal Lumber Co.**  
Limited  
**WHOLESALE  
LUMBER**

759 Notre Dame St. W., Montreal

W. K. GRAFFTEY,  
President and Managing Director.

**DR. BELL'S**  
**Veterinary Wonder Remedies**  
50,000 one dollar (\$1.00) bottles Free  
to horsemen who give the Wonder a fair  
trial. Guaranteed for Colic, Inflamma-  
tion of the Lungs, Bowels, Kidneys,  
Fevers, Distemper, etc. Send 25c for  
Mailing Package, etc. Agents wanted.  
Write your address plainly. **DR. BELL,**  
U.S. Kingston, Ont.



**Know  
Your  
Market**

A timely knowledge of Cana-  
dian construction activities gives  
the lumberman a point of van-  
tage from which to conduct his  
sales.

The Contract Record will keep  
you posted on construction un-  
dertakings large and small.

The subscription price is \$3.00.

Send to

**Contract  
Record**

and Engineering Review

347

Adelaide Street West,  
Toronto, Ont.

# LUMBER

## Wanted

### Mill-cuts in

# W. Pine Hemlock Birch Elm Maple

## C. G. Anderson Lumber Company, Limited

Manufacturers and Strictly Wholesale  
Dealers in Lumber

SALES OFFICE

705 Excelsior Life Building  
Toronto

### BELTING

All kinds of new and used Belting  
Shipped subject to approval, at  
Lowest Prices in Canada

**YORK BELTING CO.**  
115 York St. Toronto, Ont.

### JACK PINE

### HEMLOCK

### SPRUCE

### JAMES R. SUMMERS

Wholesale Lumber

95 King St. East TORONTO, Ont.  
Main 7329

### HICKORY AXE HANDLES

Made From the Best Canadian

### HICKORY

Quality, Shape and Finish Unexcelled

St. Marys Wood Specialty Co. Ltd,  
St. Mary's, Ontario, Canada

High Grade Wood Specialties Ball Bats  
H ndles. and Hardwood Lumber."

### BELTING FOR SALE

We have a large quantity of Second-  
Hand Rubber and Leather Belting in  
all sizes and plys up to 24 inches in  
width, which we can sell at interesting  
prices. Send us your requirements.

N. SMITH

138 York St. - Toronto, Ont.

### Robt. Coltart & Co.

Royal Liver Building

Liverpool England

Agents for the sale of  
Pine, Spruce and Hard-  
woods. Correspondence  
invited.

Cables—"COLTART" Liverpool

### Cant & Kemp

52 St. Enoch Square

GLASGOW

### Timber Brokers

Cable Address, "Tectona," Glasgow  
A1 and ABC Codes used

### FARNWORTH & JARDINE

Cable Address: Farnworth, Liverpool

### WOOD BROKERS and MEASURERS

2 Dale Street, Liverpool and  
Seaforth Road, Seaforth,  
Liverpool, England



# Quick Action

## You Can Have It

Try the Canada Lumberman Wanted and For Sale Department. Have you anything you wish to buy or sell in the Lumber Industry? You will find this department inexpensive, and a very effective business getter.

Our Classified Advertisers do not repeat the ad, often. They don't have to. They report immediate results. Use these columns to your own advantage.

**CANADA  
LUMBERMAN  
and WOODWORKER**  
347 Adelaide St. W.  
TORONTO

***"Well Bought is Half Sold!"***

## "For The Buyer

### A PRIZE IN EVERY PACKAGE

4	cars	2 x	4—6/16'	Mill Cull Spruce	D1E.			
1	"	2 x	8, 10 & 12"	—10/16' Merch. Spruce				
			25%, 10 & 12",	40 to 50% 16'.				
.75	M'	2 x	4	—10/16' Merch. Spruce.				
100	"	2 x	6	— " " "				
100	"	2 x	8	— " " "				
60	"	2 x	10 & 12"	" " "				
40	"	2 x	12	— " " "				
35	"	1 x	12	— " " "				

**Contains a good percentage of 16 ft."**

**Canadian General Lumber Co.**  
Limited

## FOREST PRODUCTS

TORONTO OFFICE:— 712-20 Bank of Hamilton Building

Montreal Office:— 514 Canada Cement Company Bldg.

Mills: Byng Inlet, Ont.

### LUMBER WANTED

We are in the market for a block of Spruce and Hemlock, inch and 2" Merchantable and No. 2, also Pine Mill Culls. In writing quote your lowest price.

The Foley Lumber Co.,  
18 Toronto Street,  
Phone Main 2746 Toronto, Ont.

Manufacturers of

**WIRE** For TYING, BUNDLING  
and many other purposes  
NAILS  
**LAIDLAW BALE TIE CO., Ltd**  
HAMILTON, ONT.

### SAVAGE & BARTLETT

FOREST ENGINEERS  
Timber Estimates, Maps, Topographic  
and Boundary Surveys  
15 State St., BANGOR, MAINE

### W. Y. LLOYD

350 Confederation Life Building,  
TORONTO, Ont.

Dealers in Eastern and Western  
**Canadian Softwoods**

Pine, Spruce, Fir, Hemlock  
Lath and Shingles.

*Soliciting enquiries.*

Safe and Reliable

### Timber Estimates

Reports - Maps

### James W. Sewall

Forest Engineer

Old Town, Davidson Bldg.,  
Maine. Washington, D.C.

*Largest Cruising House in America.*

### SPECIALTIES

Sawed Hemlock  
Red Cedar Shingles  
White Pine Lath  
Bass and Poplar Siding

### James Gillespie

Pine and Hardwood

## Lumber

Lath and Shingles

North Tonawanda, N.Y.



# New Ontario Colonization Co., Ltd.

MANUFACTURERS  
SPRUCE LUMBER AND LATH

Tamarack

Rossed Pulpwood

Our modern Planing mill enables us to dress lumber  
in any manner required.

Sales Office: BUFFALO, N. Y.  
609 Jackson Bldg.

Mills : JACKSONBORO, ONT.  
Transcont. Div. Can. Nat. Rys.

Kindly address all inquiries care department "A"

We are always in the market to buy Soft Elm, Maple, Birch and other Hardwoods. Also Spruce, Pine, Poplar or Balm for crating.

Established Twenty Years

Liberal Prices      Fair Inspection  
Prompt Payment

We have a good Stationary Saw Mill complete with power for sale, capacity 15 to 20 M. per day. Write us for particulars.

The Manufacturers' Lumber  
Company Limited

Stratford - Ont.

## BARGAINS IN Standing Timber

ALL our remaining timber lands and town property situated in the town of Parry Sound are offered for sale by us. The special prices at which these are being sold makes early enquiries advisable.

Good bargains are still obtainable in the Townships of Christie, Allen, Secord, Falconbridge and Street. May we send you full particulars?

The Parry Sound Lumber Co.

26 Ernest Avenue

LIMITED  
Toronto, Ont.

Phone Adel. 7718

302 Brass Bldg.

Cedar Shingles

Western Fir, Spruce and Pine

All Dimensions All Grades

Old Growth Soft Yellow Fir in Rough Clears

Southern Yellow Pine

Canadian Representatives of

Cantrell Lumber Co., New York

Handling the product of several leading Southern Pine Mills. Send us your inquiries for B and Better finish and Rough or sized dimension.

J. L. Nevison, Toronto, Ont.

Watson & Todd Limited  
OTTAWA

WHITE PINE  
RED PINE  
SPRUCE

Registered



Trade Mark

Rideau Club Building  
Cor. Wellington and  
Metcalf Sts.

Registered



Trade Mark



# GEORGE MASON & COMPANY

(Successors to Manley Chew)

MANUFACTURERS OF

## Pine—Maple—Beech—Basswood Lumber—Lath

WE INVITE YOUR ENQUIRIES

Mills at Midland, Ont., Thunder Bay, Ont. Head Office :—Midland, Ont.

### Do Your Customers Come Back?

They will if you sell our lumber which is all carefully manufactured in our own mills from timber off our own limits.

Get our prices on

## WHITE & RED PINE

Also Box and Crating stock. Lath and Shooks. You'll find they offer a good margin of profit for you.

**KEEWATIN LUMBER COMPANY, LTD.**  
KENORA - ONTARIO

Two complete Saw and Planing Mills Box Factories and Lath Mill at Keewatin and Kenora, Ont.

### F. W. Brennen & Sons

474 Main St. East

Hamilton, Ont.

Wholesale

## LUMBER LATH--SHINGLES

We have what you want: Write us for quotations

### A. T. DADSON

*Wholesale Lumber Broker*

350 CONFEDERATION  
LIFE BLDG.

TORONTO

Telephone  
Main 1892

Would be glad to hear from manufacturers and wholesalers with particulars of stock of Lumber and Lath.

We are  
Exclusive handlers of the Celebrated

### "VELVET BRAND" SHORT LEAF YELLOW PINE

— The softest that grows —

Steam Dried or  
Smoke Dried

Inquiries invited  
Prompt Shipments

**Russell Harris Lumber Company**  
34 Victoria Street, Toronto. Telephone Main 4700

# Power Lumber Company Limited

*Manufacturers of*

## SPRUCE

Lumber Lath Pulpwood

*Head Office and Mills at:*

**St. Pacome, Que., Canada**  
On Can. Nat. Ry. 75 Miles East  
of Quebec City

*Also Mills at:*

Lapointe, Riv. Manie, Powerville  
and Ste. Apolline  
On Edmunston Div.—Can. Nat. Rys.



**THE BEST  
IN  
CANADIAN  
HARDWOODS**



## THE PEDWELL HARDWOOD LUMBER COMPANY

Office and Yard: FT. SPADINA AVE., TORONTO

### Send for This new Booklet To-day

A new booklet has been prepared on "How to Finish British Columbia Woods". It also contains other information of interest to all who would build.

As there is a large demand for these booklets and the supply is limited an early request for them is advisable.

**British Columbia Lumber Commissioner**  
51 Yonge St. - Toronto

### The Smile of Satisfaction

Know what real satisfaction means by giving McDonagh Lumber a trial. Wholesale Hardwoods (Native and Foreign), Crating Spruce, Pine and Hemlock, Canadian Birch, Basswood and Maple.



Every Shipment Guaranteed

**The McDonagh Lumber Co.**

226 Confederation Life Building, TORONTO

### Planing Mill Stock

**CYPRESS**

Soft, Dry Stock, Finest Grades—

All Thicknesses— 4/4, 5/4, 6/4, 8/4, 10/4, 12/4

**Yellow Pine Finish**

Kiln Dried, Soft, Short Leaf Kind

Stock Widths  $\left. \begin{smallmatrix} 4/4 \\ 5/4 \\ 6/4 \end{smallmatrix} \right\}$  by 4", 6", 8", 10", 12"

Also OAK, ASH, POPLAR, GUM

**WISTAR, UNDERHILL & NIXON**

Real Estate Trust Bldg., Philadelphia, Pa.

**ROCH JULIEN  
Lumber**

Always on hand a large quantity of

**Pine, Spruce, Birch, etc.**

Freehold land, Timber limit for sale

Send your enquiry

MORIN BUILDING,

QUEBEC CITY



**A.K. Hansen & Co.**  
REGISTERED

82 St. Peter Street, Quebec, P.Q.

Mills: Laterriere, Que., and  
Charlevoix Dist., Que.

MANUFACTURERS—EXPORTERS—WHOLESALE

**Spoolwood, Pulpwood and Lumber**



# Quality and Service



**Sized Hemlock  
White and Red Pine  
Jack Pine, Lath, B.C. Products**

**Larkin Lumber Company Ltd.**  
236 Confederation Life Bldg.  
TORONTO, ONT.

## AUSTIN & NICHOLSON LIMITED

CHAPLEAU, ONTARIO

Lumber, Lath, Ties, Pulpwood.  
Quick Dressing and Matching in Car Lots  
a Specialty.

Mills at DALTON, NICHOLSON, DEVON

## Short Leaf Yellow Pine Finish

American Chestnut, Oak, and Poplar

California Redwood and White Pine  
in shop and clear. ALWAYS IN TRANSIT

Clear & Clear Face Norway 4/4 & 8/4"

THE EASTMAN LUMBER COMPANY, LIMITED  
38 Sun Life Building, Hamilton, Ontario Phone Regent 162

## BOOKS FOR SALE at Special Prices

Baughman's "Buyer & Seller." The handiest labor-saving book for lumbermen ever devised. Desk size, 300 pages, \$3.50. Pocket edition, 188 pages, \$1.50.

"Climax" tally book, bound in sheep, with hand strips. Size 4 1/4 x 8 1/2, 110 pages. Price \$2.00.

"Scribner's Lumber and Log Book," 1921 edition, price 75c.

"Seasoning of Wood," a Treatise of the Natural and Artificial Processes Employed in the preparation of Lumber for Manufacture, with Detailed Explanation of its Uses, Characteristics and Properties, by Joseph Wagner. Published by D. Van Nostrand Company, in

"The Kiln Drying of Lumber," a Practical and Theoretical Treatise, by Harry Donald Tiemann, M.E., M.F. Published by J. B. Lippincott Co. 316 pages, illustrated. Price \$5.50.

Canada Lumberman 347 Adelaide Street West  
TORONTO

# Everything in Lumber

The  
**McLennan Lumber Co., Ltd.**  
Office and Yard: 21 Dorchester Street W., Montreal  
P.O. BOX 1854 PHONE PLATEAU 1300

## The D'AUTEUIL LUMBER CO., Limited

81 St. Peter Street,  
QUEBEC

**Pulpwood, Lumber,  
Spoolwood,  
Ties and Shingles**



# G. M. FRENCH

RENFREW — ONTARIO

WHOLESALE

Lumber Lath Shingles  
Ties, Etc.

# ROSE-McLAURIN

LIMITED

1226 Bank of Hamilton Building TORONTO  
Phone Main 6752

*We Specialize in*

British Columbia Lumber and  
Timber and Red Cedar Shingles

*Let us quote you. Our prices are right*

We also handle the well known

"TEN-TEST" SOLID FIBRE BOARD

## A Permanent Lumber Service

**A**FTER several years of inactivity we are now cutting on our modern fully equipped mills at Manistique and Little Lake, Upper Michigan. The timber behind these mills was purchased many years ago by the Stack interests from the then "unlimited" supply. Its quality, particularly the maple and birch, is the envy of northern mill men among whom this tract is famous.

This timber will run the mills to full capacity for fifteen to twenty years. The 40,000,000 feet annual cut will run:

15,000,000 ft. maple annually  
6,000,000 ft. birch annually  
2,500,000 ft. beech annually  
2,500,000 ft. elm annually  
900,000 ft. basswood annually  
200,000 ft. ash annually  
6,000,000 ft. hemlock annually  
3,000,000 ft. white pine annually

the balance in Spruce and Tamarack.

Our exceptional service, grades, and manufacture will be maintained.

"Low freight rate shipments by water to Toronto, Montreal, Owen Sound, Port Arthur, and other Great Lakes and St. Lawrence River Ports. Conveniently located also for rail shipments to inland points by C.P.R. or Soo line."

We will be pleased to hear from old friends and from new ones who can understand and appreciate what permanent connection with such a source of supply would mean.

**STACK LUMBER CO.**  
ESCANABA MICHIGAN

# W.S. LOGGIE

and Company, Limited

*Manufacturers  
of Lumber  
including*

SPRUCE, PINE  
and LATHS

Head Office Chatham, N.B.

Mill - - - Inkerman, N.B.

# The Rat Portage Lumber Co., Limited, Vancouver

MANUFACTURERS OF

DOUGLAS FIR, SPRUCE AND HEMLOCK

FLOORING, CEILING, SIDING, INTERIOR AND EXTERIOR  
FINISH OF ALL KINDS INCLUDING MOULDINGS

Rough Kiln Dried and Green Clear Fir in All Sizes

Boards, Shiplap, and Dimension

ROUGH TIMBERS UP TO 90 FEET LONG

WE SPECIALISE IN 1/4  
SCANT SIZED DIMEN-  
SION, ALSO DIMENSION  
AND BOARDS IN THE  
ROUGH



# FRASER COMPANIES, Limited

Bleached Sulphite Pulp Mill. Saw Mills (all Band Saw Mills). Shingle Mill

HERE THEY ARE ON THE MAP



## Mills and Railway Connections

Saw and Shingle Mills	Railway Connections
Cabano, Que. ....	Temiscouata Ry.
Notre Dame du Lac, Que. ....	Temiscouata Ry.
Glendyne, Que. ....	C. N. Ry.
Estcourt, Que. ....	C. N. Ry.
Sully, P.Q. ....	C. N. Ry.
Edmundston, N. B. ....	C.P.R., C.N.R. and Temiscouata Ry.
Magaguadavic, N.B. ....	C. P. R.

Saw and Shingle Mills	Railway Connections
Baker Brook, N. B. ....	C.N.Ry., Temiscouata Ry.
Plaster Rock, N.B. ....	C. P. R.
Summit, N. B. ....	C. N. R.
Fredericton, N. B. ....	C.P.Ry and C.N.Ry.
Nelson, N. B. ....	C. N. Ry.
Campbellton, N. B. ....	C. N. Ry.

Bleached Sulphite Mill, Edmundston, N. B. .... Railway Connection, C.P.R., C.N.R. and Temiscouata Ry.  
Sulphite Mill, Chatham, N. B. .... Railway Connection, C. N. R.

Bleached Sulphite.

Rough and Dressed Spruce.

White Cedar Shingles.

Railway Ties

Piano Sounding Board Stock a Specialty.

Selling and Purchasing Offices :-- EDMUNDSTON, N. B.



**The Harris Tie & Timber Co., Ltd.**  
**The C. E. Fleming Tie & Lumber Co., Ltd.**  
**The Poupore Lumber Co.**

**Railway Ties, Cedar Poles and Posts, Lumber, Lath, Shingles, Pulpwood**

**197 SPARKS STREET**

**OTTAWA, CANADA**

**H. R. Goodday**

**AND COMPANY**

EXPORTERS OF

**SPRUCE AND  
PINE**

New Brunswick Agent

**F. E. NEALE,**

Chatham, N.B.

**Head Office: QUEBEC, P.Q.**



**For Prompt Delivery of  
Hemlock, Spruce, Lath  
Pulpwood and Hardwoods**

**Dressed and Ripped to Order**

We specialize in Hemlock and Spruce  
Timbers and have excellent facilities  
for quick shipment—rail or water  
delivery.

*Tell us your requirements*

**Fassett Lumber Co., Limited**  
**Fassett, Quebec**

F. N. Waldie, President.

R. S. Waldie, Vice-President

W. E. Harper, Secretary.

**The Victoria Harbor Lumber Co., Ltd.**

Manufacturers of

**Lumber and Lath**

Mills at Victoria Harbor, Ont.

HEAD OFFICE,  
 12-14 Wellington Street East, **TORONTO, ONT.**



**THURN-MAXSON**

LUMBER COMPANY

**SOUTH BEND - IND.**

OWNERS OF CHAS. O. MAUS LUMBER COMPANY

**EVERYTHING IN HARDWOODS**

We specialize in—

OAK—White and Red  
Plain and QuarteredGUM—Red and Sap Plain  
and Quartered.CYPRESS—Genuine Gulf  
Red and Soft  
Yellow.

We feature—

High Grades and Service  
Satisfaction Guaranteed.

Write or wire us for prices

**CHARLES O. MAUS**

Wholesale

**HARDWOOD LUMBER**

Rooms 444-446 Farmers' Trust Building

South Bend, Ind., U. S. of A.

Red } Sap }	<b>GUM</b>	{ Plain or Quarter cut
----------------	------------	------------------------------

Red } White }	<b>OAK</b>	{ Plain or Quarter cut
------------------	------------	------------------------------

All } grades }	<b>CYPRESS</b>	{ All thicknesses
-------------------	----------------	----------------------

**ASH**

"We } have it" }	<b>COTTONWOOD</b>	{ "We have it" }
	<b>CANADIAN BIRCH</b>	

*"How about that next car"?—Let's get acquainted*

Canadian Representative:

WALTER S. McBEAN, 200 St. Clarens Ave., Toronto, Ont.

PHONE: PARKDALE 1979

**The Shrewd Buyer Appreciates  
"Stalker Values"**Write us for quotations on the products listed below. You will be surprised  
at the outstanding values they represent.**B.C. FIR, SPRUCE, PINE LATH,  
SHINGLES AND HARDWOODS****DOUGLAS A. STALKER**

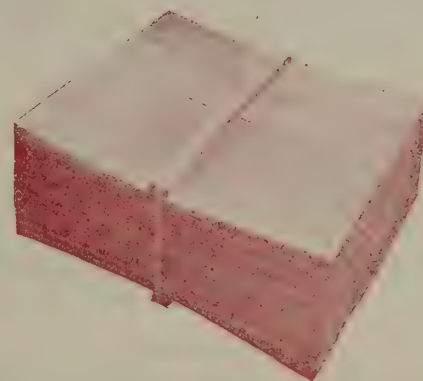
122 Wellington Street

Sherbrooke

**HEAPS****& SONS LIMITED**

METROPOLITAN BLDG.

VANCOUVER, B.C.

**Try Our****Shingles****British Columbia****Lumber Shingles Timbers****Straight or Mixed Cars of****FLOORING  
CASING  
BASE****MOULDINGS  
CEILING  
FINISH**



# SCOTT, DRAPER & COMPANY

11 SAULT AU MATELOT STREET, QUEBEC.

## PULPWOOD, LUMBER AND TIES

LET US KNOW YOUR REQUIREMENTS

WRITE, WIRE, OR PHONE

### WILSON BROS.

*Wholesale Lumber*

WOODSTOCK - ONTARIO

All kinds of Sawn Lumber  
Your enquiries solicited.

We are open to consider offers on cuts of Jack Pine, Spruce, Hemlock and White Pine. Also standing Rock Elm. Quote us on any Lath you have to offer.

Can supply No. 1 Com. & Btr. Rock Elm, 4/4, 5/4, 6/4, 8/4 and 10/4. Quotations upon application.

### Thompson Heyland Lumber Co.

123 Bay Street - - - Toronto

For Sale

Everything in Dry Hemlock Lumber.  
500 M. 1 x 4 x 5 x 6 in choice Merchantable Spruce.

Wanted to buy

2 million feet Spruce, Jack Pine and Hemlock for spring delivery.

10,000 cords of Spruce and Balsam, peeled pulpwood.

10,000 cords peeled poplar.

50 M. Ties in Cedar, Hemlock and Jack Pine.

Will make the necessary advances.

### GILLIES BROS., LTD.

BRAESIDE

ONTARIO

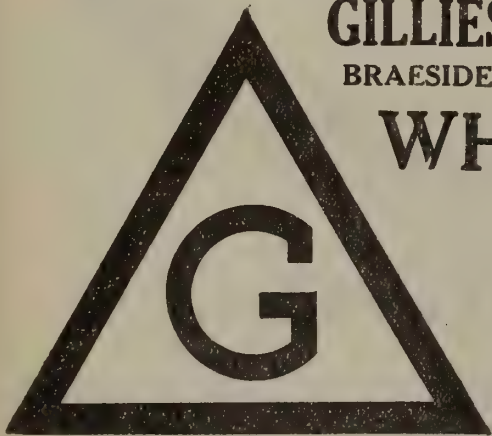
## WHITE PINE

RED PINE  
SPRUCE

*Dry Stock*

*Well Sawn*

*Prompt Shipment*



### MILLMEN

We are in the market for stocks of Hemlock, White Pine, Spruce and Jack Pine. Give us full particulars and prices of what you have to offer.

### Greig-Morris Limited

411 Manning Chambers, Toronto, Canada



## The Same Good Quality

that makes these New Brunswick White Cedar Shingles famous is still found in every shipment that leaves our plant.

If you want to get the reputation of selling something really good this is the kind to handle. Made by

### W. H. MILLER CO. LIMITED

Campbellton, N. B.

We also manufacture Spruce and Pine Lumber, Lath, Cedar Tiles, etc.



# Black Rock Lumber Company

421-423 FIDELITY BUILDING

- - - BUFFALO, N. Y.

5 million feet of 4/4" 5/4", 6/4", 8/4" Dry White Pine in pile.

Also Jack Pine, Spruce and Hemlock Lath.

AT: Braeside, Midland, Victoria Harbour, ONTARIO

## White Pine

(Dry)

Ottawa Valley Manufacture

### —BOX and BETTER—

75,000' 2 x 6 & wider—10/16.  
100,000' 1½ x 7 & " "  
50,000' 1¼ x 7 & " 12/16.

### —MILL RUN - BOX OUT—

50,000' 1¼ x 8 & wider—10/16.  
12,000' 1¼ x 7 " "  
12,500' 1¼ x 6 " "  
8,000' 1¼ x 5 " "

### —BOX—

48,000' 1¼ x 7 & up—10/16.  
12,000' 1¼ x 4/6 — " "

### —GOOD—

5,000' 1 x 4 & up—6/9.  
7,000' 1 x 4/6 —10/16.  
7,000' 1 x 7 & up— " "  
2,300' 1¼ x 4/6 —6/16.  
7,000' 1¼ x 7 & up— " "

**The Rideau Lumber Co. Ltd.**

Established 1897

OTTAWA

CANADA



## ALL CANADIAN HARDWOODS

Lumber  
at first cost

Hard Maple  
our specialty

**HALL BROS. LTD.** 300 Crown Office Bldg., Toronto  
Manufacturers Wholesalers

## P. Beauchemin & Fils

Amos

Quebec

We offer the 1923 summer cut as follows:

About 5,000,000' fifth and better, Spruce and Jack Pine.

2,000,000 Merchantable Spruce Lath.

About 150,000, 2" White Pine C. Cull 1921 cut.

75,000 1" Merchantable W. Pine, 1921 cut.

Will furnish on demand quotations for MILLING Lumber in TRANSIT.

# British Columbia

Lumber and Shingles

Best Grades—Mill Prices—Prompt Shipment

**THOS. N. PHILLIPS**

Royal Bank Building

Toronto, Ont.

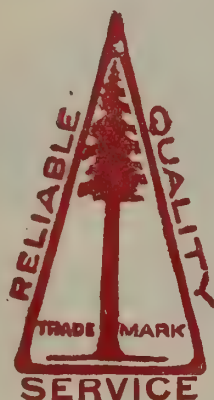


Ask us about

# HEMLOCK YELLOW PINE & CYPRESS ALSO SOUTHERN HARDWOODS

MILLS:—STURGIS AND LAKE, MISS.

FRANK H. HARRIS LUMBER CO., LTD.  
EXCELSIOR LIFE BLDG. TORONTO, ONT.



## Service on Your Lumber Requirements for Spring

We invite you to call on us for quotations on your requirements and can assure you that your inquiries and orders will receive our prompt and careful attention. You will find us both willing and able to satisfactorily serve you.

We are in a position to supply you with stock, the quality of which will highly please both you and your trade.

# APEX LUMBER COMPANY, LTD.

Ontario Representative: J. D. Robinson, Room 5 Imperial Block,  
Walkerville, Ont.

Vancouver, B.C.

# Thurston-Flavelle, Limited

MANUFACTURERS OF

## British Columbia Red Cedar Exclusively Cedar Bevel Siding, Finish, V-Joint and Mouldings

Our Shingles are all Packed by the 'Thousand'

Straight or mixed cars with XXX and XXXXX Shingles.

Stocks carried at Lindsay, Ont., for quick shipment

Ontario Agents:

Gull River Lumber Co., Ltd., Lindsay, Ont.

Quebec and Maritime Provinces Agents:

Rose-McLaurin Limited, 2 Toronto St., Toronto.

Full particulars from our Eastern Agents.

## Head Office and Mills, Port Moody, B. C.



# WHITE PINE

All

Grades and Sizes

30

Million Feet

In Stock

For Immediate Shipment

Stocks at  
Pakesley  
and  
Victoria Harbour

*Write for Quotations*

**SCHROEDER  
MILLS AND TIMBER CO.**

Frank J. Archibald, Sales Representative  
Room 305 Stair Bldg. 123 Bay St., Toronto, Ont.

ESTABLISHED 1893

INCORPORATED 1916

**ROBERT BURY  
& COMPANY**  
(CANADA), LIMITED  
1 Spadina Avenue, Toronto

Our Dry Kilns have a capacity for drying 200,000 feet per month. We will dry your transit cars.

All Canadian and American  
Hardwoods  
MAHOGANY  
WALNUT  
VENEERS AND PANELS  
of every description

## *THIS WEEK'S SPECIALS*

Carload 1", 1½" & 2" FAS Cypress.  
" 1" Clear B.C. Spruce.  
" 2" " " "  
" 3", 4" & 6" B.C. Spruce.  
" 1½" x 10" & up FAS Red Oak.  
Step Plank.  
" 1" Figured African Mahogany 12"  
and wider.

## VENEERS

MAHOGANY, OAK, WALNUT, GUM,  
BIRCH, BASSWOOD, ASH, MAPLE, and ELM  
Log run or cut to dimension

## PANELS

BIRCH, BASSWOOD, ASH, MAPLE, ELM, FIR,  
MAHOGANY, WALNUT, OAK and COTTONWOOD

**We Specialize in Mixed Ship-  
ments of Dry Hardwoods,  
Veneers and Panels**

*This is a good time to conserve your cap-  
ital by making purchases in  
this manner*



## Hardwoods Wanted

We are in the market for  
Birch, Maple and Basswood  
for immediate shipment.

**The Kinnon Lumber Company Ltd.**  
454 King Street, West - TORONTO

## JAMES C. McCUAIG & CO.

We have to offer the following:

200,000 ft. 1 x 4 and up, 6 to 16 ft. White Pine "O" Culls.  
100,000 ft. 2 x 4 and up, 6 to 16 ft. White Pine "O" Culls.  
30,000 ft. 3 x 6 and up, 6 to 16 in. wide, 16 to 18 ft. long,  
Hemlock.  
35,000 ft. 1 inch "O" cull Hemlock.  
100,000 ft. 2 inch "O" cull Hemlock.

The above is all dry and ready for immediate shipment.

410 Union Bank Building  
**OTTAWA** **ONTARIO**

CABLE ADDRESS:  
"LUMBEROLL"

Codes:  
A B C 5th EDITION  
ZEBRA CODE 3rd EDITION

*The*  
**Rolland**  
**Lumber Co.**  
LIMITED

WHITE PINE AND SPRUCE

Export and Domestic

62 St. James St. Montreal, Canada

**FRASER BRYSON**  
**LUMBER CO., Limited**

Office : Fraser Building,  
53 Queen Street - OTTAWA, Can.

*Wholesale Lumber Dealers  
and Selling Agents for*

**FRASER & CO.**  
Manufacturers

**White Pine, Red Pine,  
Spruce, Hardwood  
Lumber and Lath**

**R. Imrie Lumber Company**

18 Toronto Street, Toronto

Phone Adelaide 580

We offer for quick shipment the following:

5TH & BTR. SPRUCE & JACK PINE

1 Car 1 x 3 & up—abt. 15% 3"—2 cars 2 x 3 & up ) Dry Stock  
2 " 2 x 3 (scant) 1 car 1 x 3 )

SOUND WORMY & M.C. SPRUCE & JACK PINE:-

3 cars 1 x 3 & up 1 car 2 x 3 & up—Dry stock.

1922 CUT MILL RUN NORWAY PINE:-

Abt. 49,000 ft. 1 x 4 & up—29,000 ft. 1 x 4 & 5

11,000 1 x 6 —23,000 2 x 4

55,000 2 x 4 & up—58,000 2 x 6

50,000 2 x 8 —22,000 2 x 10 & 12

12,000 3 x 8 —24,000 8 x 8

2" 3" and 8 x 8 very heavy to 16 ft. evens lengths & widths.

1922 CUT MILL RUN WHITE PINE:-

Abt. 25,000 ft. 1 x 4 & up—65,000 ft. 2 x 4 & up

7,000 1 x 4 & 5 —4,000 2 x 4

6,000 2 x 8 —7,000 2 x 10 & 12

6,000 1 x 8 & up—24,000 2 x 4 & up Mill Culls.

PRICES ON COAST AND MOUNTAIN STOCKS ON REQUEST

**Gregertsen Brothers Co.**

McCormick Building

**Chicago, Ill.**

Yards and Planing Mill at Cairo, Ill. where we  
carry four million feet of high grade Cypress for  
quick shipment.

*We are the Cypress Specialists*



# British Columbia Lumber

*"Manufactured in Modern Mills"*

Quality Lumber in all Grades and Sizes

Specialties:—

Fir Cross Arms

Spruce Box Shooks

Klin Dried Finish & Flooring

Rail Shipments to all parts of Canada  
and United States

## Cameron Lumber Co., Ltd.

Office & Mills . - VICTORIA, B. C.



## Let us Serve You!

Long Timbers

Deep and Heavy Joists

Special Industrial Items

Rough—any size up to 110' long,  
S4S up to 16x20 x 100'

## Timberland Lumber Co., Limited

New Westminster, B. C.

Mills: South Westminster—Logging Camps: Ladysmith, Vancouver Island.  
Shipments over all railways.

## FIR SPRUCE PINE



## CEDAR LATH LUMBER

Manufactured by

## Adams River Lumber Company Ltd.

MILLS AT CHASE, B. C.

We can make prompt delivery on any of these products for there is 25 million feet in pile. All stock is extra dry, perfectly manufactured and liberally graded. Orders filled in straight or assorted cars. Write, wire or phone for quotations on your requirements.

### J. T. Todd, Eastern Manager

1303 Bank of Hamilton Bldg. Toronto

Phone Main 4425





## Quality Products and First Class Service

**W**ITH building activities in full swing and building materials of all kinds in great demand, and none too plentiful, G. A. Grier service is doubly appreciated. Due to our long established connections and large stocks on hand, we are able to meet practically any requirements in short order.

Pine, Spruce, Hemlock, Hardwoods, B.G. Lumber and Timber.

"Quality products and first class service" has been the G. A. Grier motto for over fifty years.

### G. A. GRIER & SONS, LTD.

*Established 1871*

**MONTREAL**

Head Office:  
1112 Notre Dame St. West,

**TORONTO**

22 Royal Bank Chambers,  
454 King St., W.

We have absolutely no connection with or interest in any other firm bearing a name similar to ours.



# Anderson, Shreiner & Mawson

ALL KINDS OF HARDWOOD AND SOFTWOOD  
LUMBER

*Specialties*  
BIRCH AND MAPLE  
All Thicknesses

ROOM 411, COLONIAL BLDG.  
13 KING ST. WEST, TORONTO

MILLS AT  
KING LAKE and EAGLE LAKE, ONT.

Write or Wire Us, or Phone Adelaide 8085

## Canadian Tie and Lumber Co.

LIMITED

511 Temple Building,  
Toronto, - Ontario

Phone Main 1151.

Cutting Capacity 300,000 Ft. per Day

# J. J. McFADDEN LIMITED

Red & White Pine **LUMBER** In Any Quantities

The above is supplied by us in all standard grades and dimensions. All lumber is of guaranteed quality and grade as ordered.. Our location and facilities enable us to give our patrons the utmost in service and prompt shipments.

Mills at: - SPRAGGE, ONT. & BLIND RIVER, ONT.



# International Land & Lumber Company Limited LUMBER AND RAILWAY TIES

Limits and Mills: ST. FELICIEN, LAKE ST. JOHN DISTRICT, QUEBEC

We offer for shipment 1st., of May, Merch. Spruce, winter-sawn. Wallace, Ont. Central Ontario Railway line.

30 M ft. 1 x 4 to 6—8/16	67 M ft. 2 x 4—8/16
22 M ft. 1 x 4—8/16	87 M ft. 2 x 6—8/16
10 M ft. 1 x 5—8/16	52 M ft. 2 x 8—8/16
5 M ft. 1 x 6—8/16	22 M ft. 2 x 10—8/16
20 M ft. 1 x 7 & W—8/16	10 M ft. 2 x 12—8/16
40 M ft. 1 x 4 & up cull spruce	8 M ft. 4 x 4—8/16

500 M ft. Dry Jack Pine Flooring siding and sheeting.

Excellent milling facilities at point of shipment.

## ARTHUR N. DUDLEY

Manufacturer and Wholesaler

108-109 Stair Building,

TORONTO, ONT.

TELEPHONE MAIN 6368

## Canfield - Wilmot

LIMITED

Wholesale Lumber

Woodstock - Ontario

*Specialists in B. C. Lumber*

B.C. PRODUCTS ALWAYS IN TRANSIT

## George Burchill & Sons

Manufacturers of

Spruce and Pine Lumber

Laths, Shingles, Nail Keg Staves

ALSO

Planing and Dressing Mill

Sash and Door Factory

Mouldings, Etc.

A quantity of uncrozed nail keg staves in good shipping condition on hand

South Nelson - Miramichi - New Brunswick

## QUICK ACTION

Can be assured if you will let the CANADA LUMBERMAN "Wanted and For Sale" department take care of your miscellaneous business needs.

We receive constant testimony from advertisers as to the value they have received from this far-reaching and inexpensive method of publicity in the lumber trade and allied industries.

Try these columns. The result will surprise you.

## CANADA LUMBERMAN

347 Adelaide St. West

TORONTO

# Dry Hemlock, Spruce and Pine

In all dimensions

1920-1921-1922 cut

Ontario and Quebec stock

TIES AND PILINGS

Also PINE, SPRUCE and HEMLOCK LATH

All for immediate shipment.

## Big Bear Lumber Company

Telephones Main 651-1218-1219.

Suite 208 Excelsior Life Building, Toronto, Ont.



## Story Lumber Co., Ltd.

### Wholesale Lumber Dealers

Pine Spruce Hemlock Hardwood

Head Office: 701-703 Hope Chambers,  
Ottawa, Canada

Branch Office: 30 St. John Street, Montreal, Que.

Cable Address  
'BENLUMCO'

Codes used  
ABC 5th Western Union  
Universal

## Bennett Lumber Co., Limited

### Manufacturers and Exporters

Spruce, Pine and Hardwood  
Lumber

American Hardwoods & Mahogany

11 St. Sacramento St. MONTREAL, P.Q.

## Milling in Transit

A Well Equipped Mill

C.P., G.T., & C.N. Railway Connections

*Special Mill Work Prompt Service*

**J. R. Eaton & Sons, Limited**  
ORILLIA, ONT.



View of our recently rebuilt modern planing mill.

## BUY B.C. FIR and HEMLOCK

We solicit correspondence and inquiries from

### THE EASTERN CANADIAN TRADE

For fir yard stock, B. C. or Hemlock Shiplap and Boards, timbers any size and length up to 90 feet.

We also specialize in mixed cars of high-grade fir uppers and mouldings and are also manufacturers of fir doors.

**Robertson & Hackett Sawmills, Ltd.**

Established 1888

Mills and Office: FALSE CREEK, VANCOUVER, B.C.

**A. A. Sutherland Lumber Co.**  
LIMITED  
Oxford, N.S.

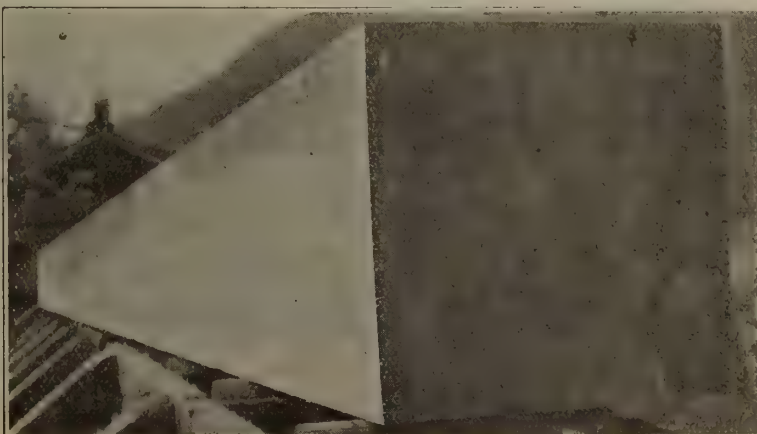
*Specialty made of dimension lumber any length up to 30 ft.*

**SPRUCE HEMLOCK  
HARDWOODS**

**BEECH, MAPLE and BIRCH**

*High quality lumber, liberal grading, conscientious service  
and prompt shipment*

LET US QUOTE ON YOUR LUMBER REQUIREMENTS



35x35—82 ft. long Fir Timber

OUR SPECIALTIES:

## Long Fir Timber Planking Decking

Cutting orders for 2' in long lengths either Common or Clear (obtained as side cut).

Planer capacity 6" x 30". We do not operate dry kiln, but can arrange to air-dry in our yard to requirements.

Our Mill is on Canadian Pacific Railway with Rail Connection (Five Miles) to Tidewater on Alberni Canal, Navigable for all Vessels.

**BAINBRIDGE LUMBER CO. Limited**

Cable Address: Bainbridge Lumber, Victoria  
Sales Office: 421 Pemberton Building, Victoria, B. C.

Bainbridge, B.C.

Telephone and Postal  
Service at Bainbridge



# Mason, Gordon & Co., Limited

80 St. Francois Xavier St.

(Wholesale Only)

Montreal, Que.

British Columbia Products

White Pine and Quebec Spruce, Fir Doors

(Carload Lots)

Vancouver Office:  
Pacific Building  
Hubert C. Gordon  
Representative

Exclusive Representatives  
Quebec and Maritime Provinces  
B.C. Mills, Timber & Trading Co.  
Vancouver, B. C.



**LUMBER**



**L  
A  
T  
H**

**MUIR & KIRKPATRICK**

1315-20 BANK OF HAMILTON BLDG.

TORONTO, CANADA

MANUFACTURERS AND WHOLESALERS

**L  
A  
T  
H**



**LUMBER**



## Dry 1x6 Merchantable Hemlock

**W. C. EDWARDS & Co., Limited**

OTTAWA

—:—

CANADA



In these days of keen competition, QUALITY TELLS, and so far as Lumber is concerned we believe we can safely say we can furnish QUALITY combined with the BEST OF SERVICE.

At the present time we have a considerable quantity of

# 1" No. 1 Common Cedar

This is particularly desirable stock, being a SMALL-KNOTTED type and will make excellent Boards and Shiplap, also a good cheap Siding or Ceiling. Try a car and we feel sure you will be surprised at its superiority.

We also manufacture FIR and Spruce. As DIMENSION, our FIR can be strongly recommended, and GOLDEN SPRUCE already has a string of steady users in Eastern Canada.

Our sawmill, with a daily 10-hour cutting capacity of 200,000 feet, is the largest in the interior of British Columbia. We run all orders through the planing mill at time of shipment so that our stock always reaches you bright, clean and newly milled.

## Columbia River Lumber Co., Ltd., Golden, B. C.

affiliated with and represented jointly by salesmen of

## Canadian Western Lumber Co., Ltd., Fraser Mills, B. C.

Eastern Sales Office—64 King Street East, TORONTO  
to whom, please address all enquiries.

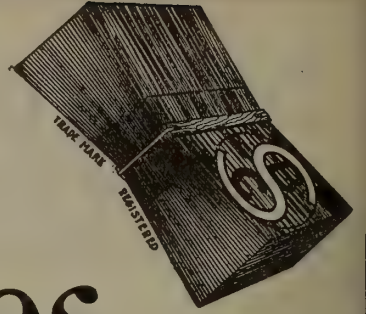
Representatives:—

L. D. BARCLAY

E. C. PARSONS



# BUY BRITISH COLUMBIA Red Cedar Shingles



The life of a British Columbia Red Cedar Shingle Roof can almost be gauged by the life of the nail with which the shingle is nailed in place. Judging from available data, the average life of the ordinary steel wire nail, which has been in such common use, is only from seven to twelve years. Some wire nails will last longer, depending upon the condition of exposure, climate and similar features, but considering our climate as a whole, at the end of from seven to twelve years a large percentage of wire nails will have rusted either completely through or so extensively that the first strong wind will complete the work. The shingles that have been held in position by such nails are then free to work down, permitting rains or melting snows to leak through and damage the interior of the structure. Examination will disclose that the fibre of the shingle itself is still in perfect condition, and a leaky roof, in the majority of occasions is due entirely to the use of faulty nails, but the average home owner, placed at such inconvenience, will not stop to reason this out and the poor wooden shingle comes in for more unjust abuse.

There are several kinds of nails which experience has proven will give lasting satisfaction, and the wise dealer will advise his customers of these satisfactory nails. A pure zinc shingle nail meets all the demands of durability required. Its principal drawback is its high cost and a slight tendency to bend under careless driving. Galvanized wire nails theoretically are rust proof, and if the galvanized coating is properly applied, and of sufficient thickness, such a nail will last as long as the shingle it holds in place. The life of this shingle roof, properly applied with these nails then is from 40 to 50 years. Pure iron nails, or the old cut or wrought nails are ideal but difficult to secure. Copper nails also constitute a perfect shingle nail.

## Timms Phillips & Co., Ltd.

Yorkshire Bldg., Vancouver  
Manufacturers and Wholesalers

### Red Cedar Shingles

3x-5x- Perfections, Royals, Imperials

### Red Cedar Bevel Siding

## Vancouver Lumber Co., Ltd.

Manufacturers

### XXX-XXXXX CEDAR SHINGLES

(B. C. Inspected)

Head Office,  
Vancouver, B.C.

Eastern Sales Office  
Toronto, Ont.

## Westminster Mill Co.

LIMITED

New Westminster, B.C.

### Red Cedar Shingles

### Cedar Bevel Siding

## Dominion Timber Products Ltd.

Vancouver Block  
Vancouver

Largest Manufacturers of

### Perfection Shingles

in Canada

## Underhill Lumber Co., Ltd.

Dominion Bldg., Vancouver

### RED CEDAR SHINGLES

3x-5x- Perfection and Eureka

### CEDAR BEVEL SIDING

### CEDAR BUNGALOW SIDING

## Shull Lumber & Shingle Co.

Limited

New Westminster B. C.

Trade Mark

### RED BAND SHINGLES

XXX XXXXX Stars Clears

From Mill to You

If you want a market  
for B. C. Red Cedar  
Shingles put an advert-  
isement on this page.

## Northern Pacific Logging Co. Ltd.

Port Moody, B.C.

Manufacturers of

### High Grade Red Cedar Shingles





# Factory Trade

Are your Factory Stocks running low?

I have some handsome lines in the following

## Sash and Door Stock

5, 6, and 8/4 4' and up 6/11 White Pine

5, 6, and 8/4 4' / 7 12/16 " "

5, 6, and 8/4 7' and up 12/16 " "

*Send us your inquiries.*

For personal service, close prices, and prompt shipment,

WRITE

**J. C. BARTRAM**  
JACKSON BLDG., OTTAWA

resident:  
Sir William Price

Established  
1882

Vice-Pres. and Gen'l Manager  
Alfred S. Gravel

# SPRUCE

and

# Hardwood

If its good Quebec Spruce you want we have it ready for prompt shipment.

Mail us your inquiries.

We also specialize in Hardwood Flooring.

## The Gravel Lumber Co., Ltd.

MANUFACTURERS and WHOLESALERS

Mills and Head Office  
Etchemin Bridge,  
Quebec

Selling Office:  
Room 501 Drummond Bldg.,  
Montreal



If you are in the market for choice, dry band sawn Hemlock, let us quote you price on the following stock:

2 cars 2 x 4—10/16' Merchantable Hemlock.

1 " 2 x 6— " " "

1/2 " 2 x 8— " " "

1 " 1 x 6— " " "

3 " 1 x 8— " " "

9 " 1 x 10— " " "

Odd and even lengths, sawn early summer 1922.

**LINTON LUMBER COMPANY**

306 Kent Building - Toronto

Phone: Adelaide 3607

# GOOD PINE

## DRY

18,000' 1 x 4/up 6 to 9 Good White Pine Shorts.

40,000' 1 x 4 to 6 10/16 " " " Strips.

30,000' 1 x 7/up " " " Sides.

4,000' 5/4 x 4 to 6 " " " Strips.

3,500' 5/4 x 7/up " " " Sides.

30,000' 6/4 x 6/up " " " Sides.

65,000' 8/4 x 6/up " " " Sides.

25,000' 1 x 6/up " No. 3 Cuts & Better.

Write for quotations.

**The Long Lumber Company**

TORONTO OFFICE: - - - HEAD OFFICE:  
25 Toronto Street - - - Hamilton, Ont.





## WHAT'S IN A NAME?

In every class of business one name stands forth to attest the fact of leadership through Quality.

The name itself is a pledge of recognized worth,—of an unfailing standard.

“Big Chief” Brand lumber and shingles lead. Why? —Because their name is dedicated to perpetuate Quality.

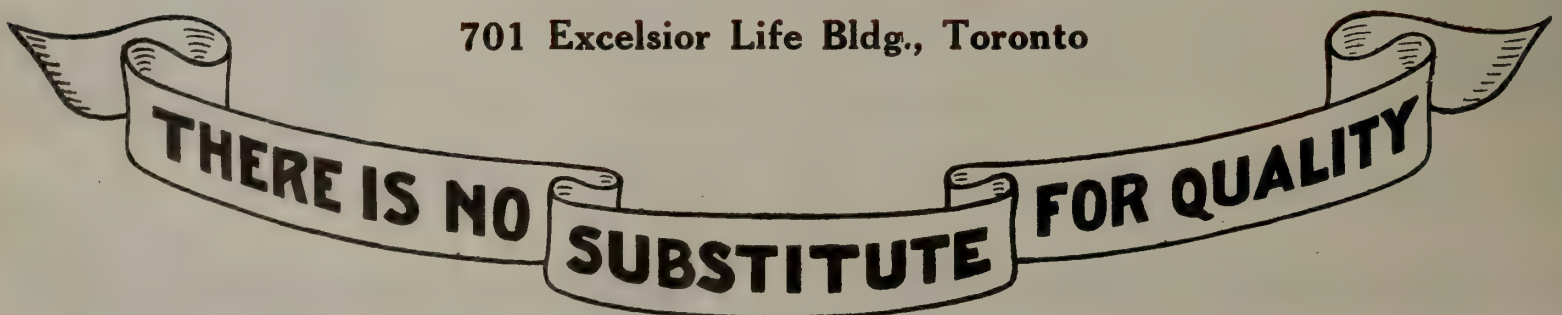
For in the last analysis,—Quality is the synonym of True Economy.

---

## VANCOUVER LUMBER CO.

LIMITED, VANCOUVER, B.C.

701 Excelsior Life Bldg., Toronto



Branch Sales Offices at Toronto, Ont., Winnipeg, Man., Chicago, Ill.



*"Largest producers  
of Hardwood Flooring  
in the British Empire"*

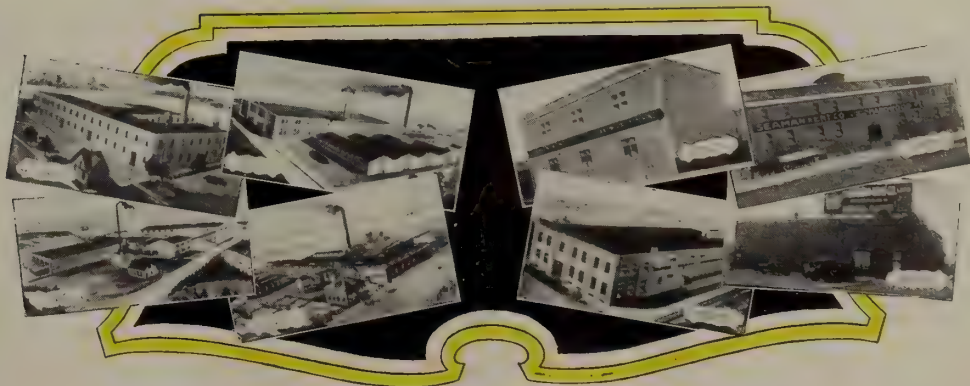


*Mr. Frank Kent*

as Chief Executive of the Seaman-Kent Co., Limited—President and General Manager—controls the policy of the "Largest producers of Hardwood Flooring in the British Empire." Mr. Kent is a thorough believer in up-to-date methods, which accounts in full for the outstanding trade position held by—

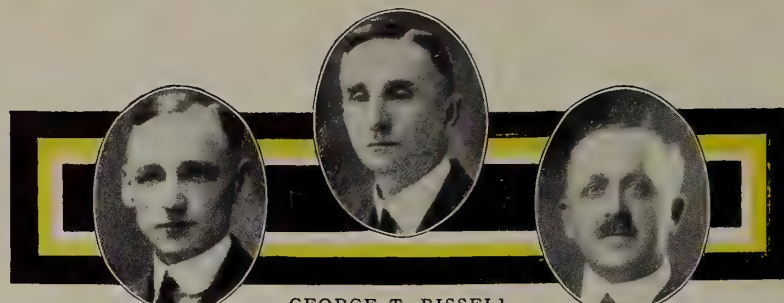
## SEAMAN-KENT HARDWOOD FLOORING

The manufacturing and distributive chain of factories and warehouses, continually at work supplying the nation-wide demand for Seaman-Kent Beaver Brand Hardwood Flooring, are shown below.





*"Organization  
is the heart  
of progress"*



EDWARD H. STANNERS  
Sales Manager.

GEORGE T. BISSELL  
Secy. Treas.

ROBERT S. IRWIN  
Supt. of Plants

**T**HE extensive and thoroughly modern organization of the Seaman-Kent Co., Limited, is entirely responsible for the firm's premier position in the Hardwood Flooring World of the British Empire. From the timberlands of Canada to the beautiful finished product in Canadian Homes, the work of production and distribution is expertly handled. Four factories and the same number of warehouses, in the East and West, equipped in the most up-to-date manner, carry on the work of supplying the huge demand—ensuring careful attention to raw lumber (proper kiln drying and cooling), highest skill in manufacture, an exacting standard of grading and testing, and finally an unexcelled service of supply to dealer and private purchaser.

Nothing is overlooked that spells success to the consumer. Seaman-Kent Beaver Brand Hardwood Flooring truly lives up to the slogan "Best That's Made in Every Grade".

**THE SEAMAN-KENT COMPANY, LIMITED**  
*Largest Producers of Hardwood Flooring in the British Empire*  
**WALLACE AVENUE  
TORONTO**

Factories: Meaford, West Lorne, Ste. Agathe, Midland.  
Warehouses: Toronto, Montreal, Winnipeg, Edmonton.



# U.S. Buyers of Canadian Lumber

## STOP--LOOK--READ

and  
Spend 3¢

If you have any lumber, lath or Shingles that you wish to sell in the New England market, send us a list giving full details. We buy F.O.B. mill or sell for mill account at delivered prices, less the usual commissions.

The  
**Woodstock Lumber Company**  
131 State St. - Boston, Mass.



Stand of Hard Maple in the Bruce Peninsula, Northern Ontario

## To Canadian Lumber Manufacturers

I can place the following lumber stocks on a commission basis to well-rated users in the United States. Get in touch with me.

**CANADIAN BIRCH**  
rough or dressed

**CANADIAN MAPLE**  
rough or dressed

**BROWN ASH**

Brown Ash Trim and  
**MOULDING**

Birch Trim and Moulding  
Birch and Ash Squares and  
Dimension Stock.

**Allen Kander**  
10 South 18th Street  
PHILADELPHIA  
New York - 50 Union Square

## Birch Squares Wanted

One million feet B M, sizes  $\frac{5}{8}$  to  $4\frac{1}{4}$ ", 4 foot lengths or can use any multiples to 2 feet. For delivery this spring and summer. Price wanted f.o.b. nearest railroad station and also nearest sea port.

**E. B. Estes & Sons**  
362 Fifth Ave., New York City

## MR. MANUFACTURER:

We are in the market, at all times, for  
**MERCHANTABLE SPRUCE**

1",  $1\frac{1}{4}$ ", 2" Rough and Dressed; Stock Widths and  
Random Lengths; Straight and Mixed Car Shipments

**WANTED QUICKLY: Mason Lath,  $1\frac{1}{2}$ x10" and 1x2"**

*Wire Offerings*

**Carpenter-Gordon Company,** 75 Broad Street  
Elizabeth, N. J.  
Reference: National-American Wholesale Lumber Association

**Swain & Boggs Co.**  
110 State St., Boston

Wholesale Dealers in

**Spruce, Pine,  
Hemlock Boards,  
Cedar Shingles, Lath**

*Prompt Payments*

**E. M. Garrity-Lumber**  
WHOLESALE  
89 State St. - BOSTON

*Send us your offerings  
on*

**Spruce, Hemlock, Pine  
Shingles and Lath**

**Blanchard Lumber Co.**  
126 State St., Boston, Mass.  
11 Broadway, New York, N. Y.

We are always in the market  
for Eastern Spruce, Lath  
and Lumber, by rail and by  
vessel.

**Write or wire us your quotations**

**We Want to Buy  
High-grade  
Canadian Hardwoods**  
(all thicknesses)

and Sell

**Gum, Oak, Chestnut  
and Cypress**

**C. B. TALBOT TRUSTEE CO.**  
607 Stevens Bldg., Detroit, Mich.  
Assembling yard, Detroit, Mich.

## Dry Hardwoods Wanted

5, 6, 8, 10 &  $12\frac{1}{4}$  Maple.  
5, 6, 8, 10 &  $12\frac{1}{4}$  Birch.  
5, 6, 8/4 Basswood.  
6, 8, 10 &  $12\frac{1}{4}$  Soft Elm.  
No. 2 Common & Better.

**CASH WITH DOCUMENTS.**

*Prompt shipment.*

**Miller Lumber Co., Inc.**  
893 EAGLE ST., BUFFALO, N. Y.

**Stilwell-Ruhlman  
Lumber Co.**

530 PENOBSCOT BUILDING  
DETROIT - MICHIGAN

*Mill Representatives*

**HIGH GRADE HARDWOODS**

## GODFREY LUMBER COMPANY Wholesale Lumber

60 Congress St.  
BOSTON

51 East 42nd Street  
NEW YORK

**EASTERN LUMBER BY CAR OR CARGO  
LATHS SHINGLES**

**Southern Pine Flooring, Finish and Roofers, Maple, Beech,  
Birch, Oak Flooring, Pacific Coast Lumber and Shingles**

## Lath Wanted

For Detroit Delivery

10 cars 4' No. 1; 10 cars 4' No. 2;  
5 cars 32" Mill Run—all White  
Pine.

For Cleveland Ohio Delivery

2 cars 32" Mill Run White Pine,  
Lath must be well manufactured  
( $\frac{3}{8}$ " x  $1\frac{1}{2}$ ") and carefully graded.

**Brewster Loud Lumber  
Company**  
333 State St., Detroit, Mich.



## **FOR SALE**

2 x 4, 10, 12, 14 & 16 ft.  
 2 x 5, Do.  
 2 x 6, Do.  
 2 x 7/9, Do.  
 2 x 8, Do.  
 2 x 10, Do.

The above stock is nice clean, knotted Jack Pine & Spruce Mill Run, Culls out. Cut last summer and now in excellent shipping condition.

### **C. A. LARKIN COMPANY**

*Wholesale Lumber Merchants*

229 Confederation Life Building, Toronto, Ontario

**LUMBER OF ALL KINDS**

## **SANTERRE AND PINEAU**

**Rimouski, Quebec**

Manufacturers and Wholesalers of Lumber

Quality Service, and Delivery Guaranteed

**MILLING IN TRANSIT A SPECIALTY**

## **GET THE BEST**

↓  
**IT  
WILL  
PAY  
YOU**

OLIVER White Pine and Hardwoods add a zip to sales and send your prestige stock soaring.

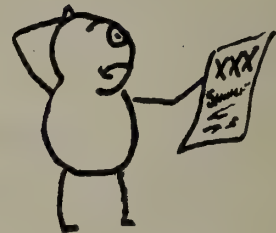
*Get quotations today*

### **The Oliver Lumber Co.**

OF TORONTO LIMITED

6 King St. West

TORONTO



I guess you heard about the trouble we had at home when the telegraph company phoned a wire they claimed had three kisses in it.

And, to boot, we were out of XXX.

### **R. G. CHESBRO**

Bank of Hamilton Bldg.

Toronto



## The Leigh Lumber Co.

33 Richmond St. West Toronto

Native Hardwood Lumber  
All kinds, all thicknesses

White Pine, Red Pine and Jack Pine

Crating Lumber in either Softwood  
or Hardwood.

## THE McCORMACK LUMBER CO.

Bank of Toronto Building

HAMILTON, Canada

We are in the market for and would like to get prices  
on stocks of—

Jack Pine  
Spruce  
Hemlock  
Lath

Wire or Write us.

## Good Will

—a mighty valuable asset to  
your business and something  
that cannot be built up in a  
few days. It is the result of  
painstaking efforts to give the  
customer just a little more  
than he expects—keeping the  
quality of your products  
standard—and backing up  
every word of your advertise-  
ments. In short, it's Service  
—Real Service—that builds  
Good Will.

## LUMBER

At Bargain Prices

We have a surplus of the following grades of lumber which we  
will dispose of at bargain prices. Will be sold complete or in  
broken lots.

A few carloads of 4/4 hardwood crating.

A few carloads of 8/4 No. 2 and No. 3 common Beech and  
Maple.

A large quantity of 4/4 No. 1, No. 2 and No. 3 Common Elm,  
Soft Maple and Beech.

Two carloads of 8/4 No. 2 and No. 3 Common Elm.

Two carloads of 8/4 No. 3 Common and Better Elm.

This is a splendid opportunity to obtain these grades of lumber  
at considerably below their value. Write immediately for prices  
and full particulars.

Wm. Gray Sons Campbell Ltd., Chatham, Ont.

## BEAVER BRAND

The Saw Supreme

made by

RADCLIFF

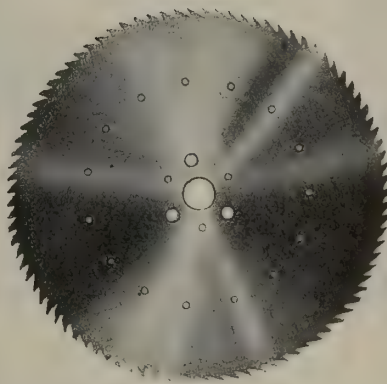


Illustration shows our shingle saw  
which is warranted extra crucible  
steel, tapered and patent ground.  
Unexcelled for toughness, temper  
and cutting qualities.

Write us for prices and catalog  
covering the complete line

RADCLIFF SAW MFG. CO., LTD.

1550 Dundas St. West, Toronto

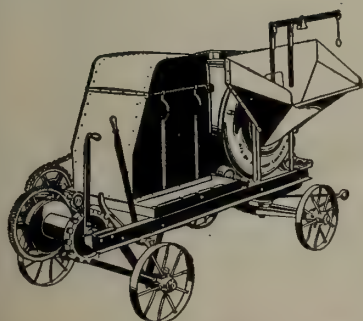


Fig. 25—London Combination Mixer  
Nos. 4 and 6

### LONDON CONCRETE MIXERS

are built to give continuous service under  
the most exacting conditions. They do  
rapid work and produce concrete with low  
labor cost.

LONDON MIXERS are being specified  
by engineers who know from experience  
that the first cost of a machine should not  
be the deciding factor when purchasing  
equipment. Slow production and break-  
downs put the contractor out of business.  
The contractor can rely on the "LON-  
DON" when profit depends on constant  
service and rapid production.

#### MADE IN CANADA

We manufacture Concrete Mixers, Hoists,  
Air Compressors, Pumps, Brick, Block and  
Tile Machines, Barrows, Carts, Silo Moulds,  
Ornamental Moulds and Tools.

London Concrete Machinery Company, Ltd.

Dept. T. London, Canada

World's Largest Manufacturers of Concrete Machinery.

### BOWDEN BROS. BELT DRESSINGS

THE MODERN BELT CLEANER AND PRESERVER

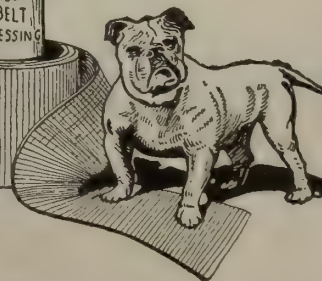
#### POWER

##### Belt Oil

Our Three Grades  
Light, Medium and  
Heavy

Constitute a Real  
Food for Leather  
Works While Your  
Belt Works

Under Any Condition  
of Dust, Heat or  
Exposure



#### PROTECTION

##### Rubber Facing

For Rubber And  
Balata

##### Rope Filler

For  
Rope, Transmission

##### Bar Dressing

A Dubbing for Heavy  
Service Belts and  
Rope Drives

"What we're on we'll cling to"

Our products contain the best known compound for cleaning, filling and preserving  
belts and ropes

**BOWDEN BROS.**

PRIMROSE AVE. AND C.P.R. TRACKS W. TORONTO, CANADA  
Phone Ken. 4634 J.





# News of Interest to Lumbermen

## NO MORE RUBBER WORRIES!

With absolute confidence, you may say, no more rubber worries "GOLD SEAL" rubber footwear, a trade mark on rubbers, which is compared to the "Sterling" mark on silver, is to be marketed in Canada.

Since 1872 this SUPER QUALITY rubber footwear has held the same high standard.

"GOLD SEAL" rubbers contain only the purest rubber, compounded to retain its resiliency, yet to resist the bumps and thumps of the hardest usage.

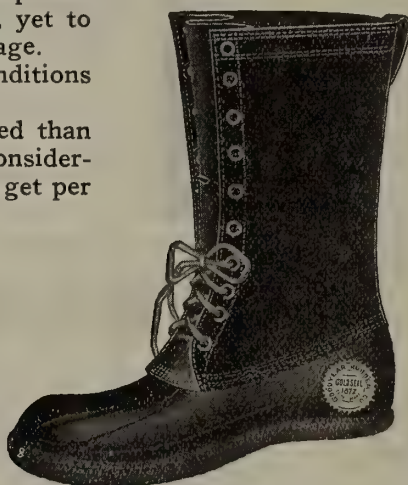
Its reliability for strength and climatic conditions are especially valuable to lumbermen.

THERE are cheaper rubbers manufactured than "GOLD SEAL" but none so low PRICED, considering the comfort you get per foot, the wear you get per day, the value you get per dollar.



**SPORTO**

Won't freeze, crack, peel or leak. No shoddy, no duck fabrics, no rubber substitutes used in the manufacture of this shoe. Sporto Boot is lighter and more pliant. Keeps your feet from feeling tired.



**LINCOLN**

Just a made-to-order shoe for lumbermen. Will outwear 3 pair ordinary rubber shoes. No amount of twisting or bending will crack the pure para rubber used.

Can also be had with heel.



**LIGRO**

A Firm Grip With Every Step  
No sliding or slipping with Gold Seal Ligro. No danger of poor foothold.

This patented Grippo Sole is found only on rubber footwear with "GOLD SEAL" stamp.

This Ligro is a member of the famous "GOLD SEAL" family. The largest selling line of footwear.

### Stock in Toronto

We will carry a complete stock of "GOLD SEAL" Footwear in our Toronto Warehouse, which invites service.

*Send for catalogue or have our representative call.*

# The Allied Footwear Company of Canada, Limited

29 Temperance Street, TORONTO

SOLE DISTRIBUTORS AND DIRECT FACTORY REPRESENTATIVES FOR CANADA AND NEWFOUNDLAND



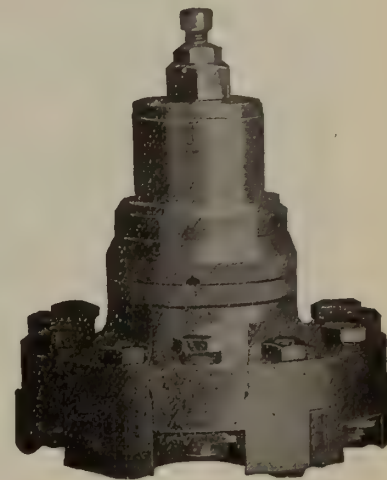
# Shimer Products Famed Throughout the Industry

**"EFFICIENCY" and "ECONOMY"**—these two words tell in a nutshell, the story of Shimer success.

Take the Fast Feed Expansion Matcher Head (with 12 High Speed Bits) for instance, and note how this efficiency and economy is the direct result of scientifically correct construction.

The head is built heavy where the strain is greatest, and being devoid of all angles or openings, the wind resistance is lessened, and it cannot block with shavings. The straight knives are long, which assures greater service, while the circular knives can be set back and the straight knives jointed. In this way, the whole width of the straight knives can be jointed at one setting. The circular cutter is then brought to its proper position.

Let Shimer heads reduce *your* costs. Full details upon request

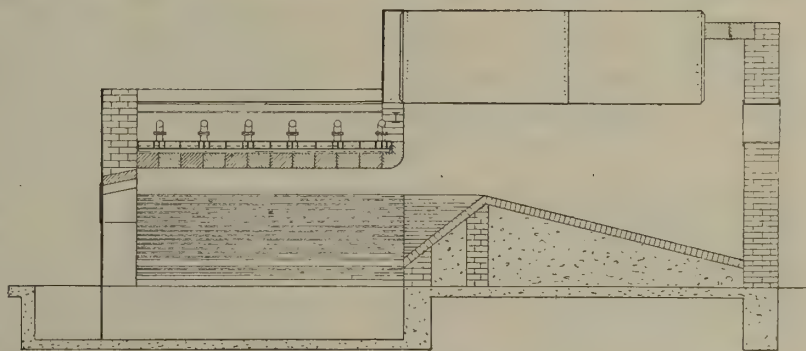


**SHIMER CUTTER HEAD CO., OF CANADA, LIMITED**  
Manufacturers of Cutter Heads, Safety Cylinders and Grinders  
GALT — ONTARIO

## GATES FURNACE

**For Burning Sawdust  
and Hog Fuel**

*Will burn tan bark, hog fuel  
and sawdust efficiently, with up  
to 60% moisture.*



Gates Air Cooled Sus-  
pended Arches

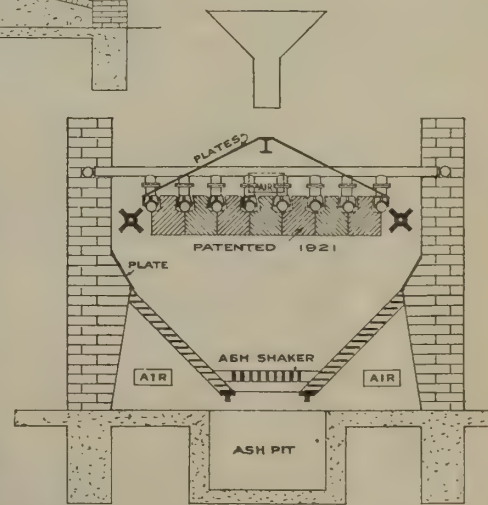
Boiler Door Arches and  
Jambs

### BOILER AND FURNACE EFFICIENCY

Knox Bros. Ltd., who are specialists in British Columbia forest products, and handle the very best, in and from, the West, have decided that the best equipments for handling their products economically (is none too good) for their first unit of their new re-inforced Concrete Mill which they are erecting on the Bickerdike Pier, Montreal, Que.

With boiler and furnace efficiency in view, and lowest maintenance cost being a factor as well, they have awarded the contract for the Boiler Brick Setting and the supplying of three Gates Engineering Co. Ltd.'s. special Dutch Ovens with incline grates, and Flat Arch Suspension Harness of the Air Cooled type, for taking care of all their mill refuse. This type of furnace will burn economically, tan bark, hog fuel, and sawdust efficiently, with up to 60% moisture content and 150% to 200% Boiler Rating.

We specialize in Boiler Settings and Furnace Brickwork and give the benefit of (30) thirty years' experience. Ready to go anywhere to build new Boiler Settings and overhaul and Reset old Boilers and build Furnaces.



**Gates Engineering Company Ltd., 314 Notre Dame St. W, Montreal**

J. W. Gates, General Manager

Phone Main 662, Melrose 367



## Mr. McLean and The Bathurst Company—

## We Welcome You

In the Canadian lumber industry there are a few names that stand out with considerable prominence.

Among them is that of Angus McLean, head of The Bathurst Company, of Bathurst, N.B. Mr. McLean has for many years been identified with the industry in the Maritimes and has always been one of the leaders in every movement to elevate the standards and promote the interests of one of Canada's greatest industries.

This year he is rendering further service by having accepted the presidency of the Canadian Lumbermen's Association.

The Bathurst Company has in recent years sold the bulk of its product in either the British or the United States market, its Canadian business being a very small percentage of the total volume.

This important company commenced with the March 15 issue of "CANADA LUMBERMAN" a contract for the use of full page space, and, in sending this contract Mr. McLean gave two of his reasons for the decision to have The Bathurst

No doubt there are other lumber firms the heads of which feel the same as Mr. McLean.

We will gladly welcome such firms to the advertising pages of "CANADA LUMBERMAN". They will find us ready to give co-operation in full measure. It is on this basis that "CANADA LUMBERMAN" has won the respect of the biggest and best in the industry.

CANADA LUMBERMAN




**Lumber**  
**Cedar Shingles    Kraft Pulp**  
*EASY BLEACHING SULPHITE PULP*  
SPRUCE AND WHITE PINE

**The Bathurst Company Ltd.**  
BATHURST, N. B., CANADA



Company's advertising appear regularly in this paper.

He said:-

"We feel that your journal is worthy of the support of the lumbermen", and referring to some information we had given as to the steadily increasing circulation of Canada Lumberman in the U.S. and Great Britain, he added:-

"We are glad to get your letter advising that you are getting a better circulation for your magazine in the United States, and that you now reach a large number of buyers there. This is all very interesting information, and it certainly will be good for the Canadian lumbermen if their advertisements go prominently before the American buyers, as that is where most of the lumber, at least from the Maritime Provinces, has now to find a market."





Linn Logging Tractor operated by T. S. Woollings & Co. Limited, of Englehart, Ont. Average train composed of ten, twenty-foot rack sleds—containing seventy cords of wood on sleds and four cords on tractor

# THE LINN LOGGING TRACTOR

T. S. Woollings & Co. Limited, commenced operation with their Linn Logging Tractor in the middle of January. Their haul was over 7 miles in length and six miles of this haul was over an up-grade of from 5% to 7½%.

They moved eight thousand cords of four-foot pulpwood over the above described haul in 55 days, and at a gross cost of 51½ cents per cord.

Last year—on the same operation—hauling with horses, their haulage cost was \$1.75 per cord—plus the cost of keeping the horses during the summer months.

They went through their entire haul without any mechanical adjustments whatever, and previous to entering their service their operator had no experience in operating a Linn Logging Tractor.

This is the third of a series of photographs of Linn Logging Tractors in operation by Loggers in Ontario and Quebec. The next will appear in the May 15th issue.

Our claims for Linn Logging Tractor capacity and reliability have, in every case, been far exceeded by their performance in the hands of their owners.

*“Ask the logger who uses one”*

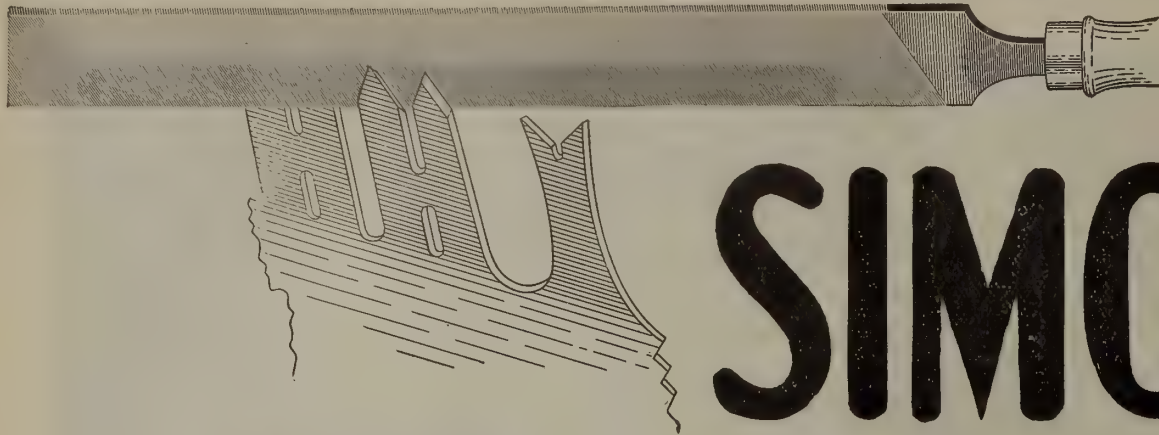
—Logging Department —

## MUSSENS LIMITED

Philips Place Building

Montreal





# SIMONDS

## CROSS-CUT SAW FILES

When you use this special saw file you will find the satisfaction and economy for which you have sought. The Simonds Cross-Cut Saw File will give you 16 per cent more wear on cross-cut saw work than can be obtained by using regular tapered mill files.

It is also most efficient for sharpening Circular Saws.

You can get this file in 6, 7, 8 and 10 inch lengths.

Order from our nearest branch or secure them from your Hardware or Supply Dealer.

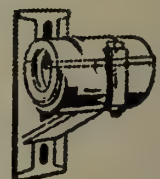
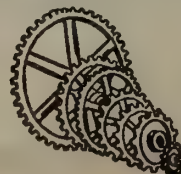
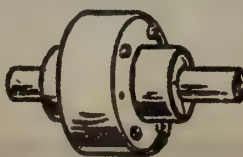
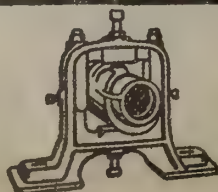
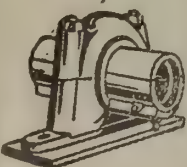
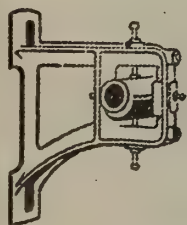
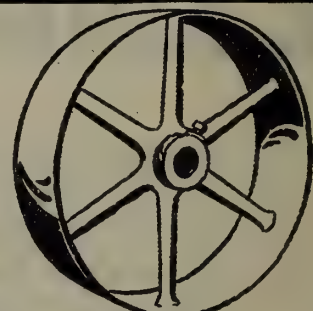
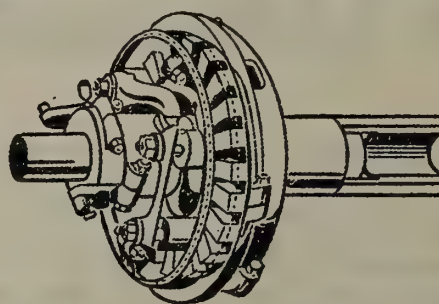
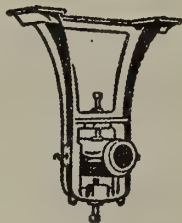
**Simonds Canada Saw Co., Limited**

*"The Saw Makers"*

Montreal, Que.

St. John, N.B.

Vancouver, B.C.



# DODGE

## Power Transmission Machinery

We carry large stocks of the following lines for immediate shipment:

Shafting	Iron Centre Wood	Floor Stands	Belt Clamps
Couplings	Rim Pulleys	Mule Stands	Boots
Collars	Wood Split	Belt Tighteners	Belt Conveyors
Iron Pulleys	Pulleys	Friction	Take Ups
Rope Wheels	Counter Shafts	Clutches	Grain Shovels
Gearing	Hangers	Rope Dressing	Car Pullers
Steel Split	Pillow Blocks	Sprockets	Trippers,
Pulleys			etc., etc.

Distributors: Chapman Double Bearings Ex our Stock.

**DODGE MANUFACTURING CO. OF CANADA, LIMITED**

TORONTO

MONTREAL



## Lumberman Has Gone Far in Retail Line

*K. J. Shirton, President of the Ontario Retail Lumber Dealers' Association, is Ardent Advocate of Organization and Recently Has Carried Out Improvements to His Premises—Commodious New Office and Spacious Dressed Lumber Shed are Latest Additions—How He Keeps Collections up to Date and Views the Business Outlook in His District*

The new president of the Ontario Retail Lumber Dealers' Association is Kirvan J. Shirton, of Dunnville, Ont. He has gone far in the lumber game and built up one of the most successful businesses in the south-western part of the province. One of his friends stated the other day the reason he had been able to travel so far, was that he is a man of honor and integrity and never belies his name. In other words, he keeps his "shirt on," which colloquial expression can be interpreted as being calm and collected at all times. Ever since the inception of the Ontario Lumber Dealers' Association over five years ago, Mr. Shirton has been an active member. He was one of the organizers of the Niagara Peninsular branch and was its first president. Not only has he done much personally to further the interest and welfare of the O.R.L.D.A., but he has given freely of his time in enlisting new members and generally making his influence felt. Recently he retired from the Mayor's chair in Dunnville after serving two years. He was strongly urged to continue in the position but business interests compelled his withdrawal from municipal activities.

It will be remembered that Mr. Shirton erected last fall a new storage shed for the end piling of lumber. The shed is 55 feet wide, 63 feet long and 18 feet high to the eaves. The structure will hold about 150,000 feet of material. Rough lumber for milling is piled on the side of the building which is nearest to the factory, and dressed material on the other. The walls of the building are sheeted and covered with corrugated iron. The frame was constructed in bents on the ground and then raised similar to the method pursued in building a timbered barn. There are two driveways through the structure, each 10 feet wide, and one cross driveway 12 feet wide. The head of the firm states that they have found the dressed lumber shed to be a great convenience, enabling them to carry a larger stock of lumber ready for customers and also keeping a close check on all quantities of dressed material. The size of the bins range from 8 x 8, 8 x 10, 8 x 12 to 10 x 12.

### How the Business Has Grown

Mr. Shirton has gone one step further now and has erected an attractive office building, a plan of which is shown in this article. He states that the plan, which was followed in erecting the new office, was to make it convenient and commodious and to

obtain as much north light as possible and still conform to certain existing conditions. The door marked on the plan "door to mill" could not be changed without interfering materially with the arrangement of the plant. In order to take still further advantage of the light from the north and leave the door as at present, it was found necessary to resort to the use of a hall. The necessity for the construction of this passageway made it possible for an ideal location of a wash room at one end. The weigh scale, marked on the plan, is a convenient arrangement, the platform being about two feet from the west wall and a window on

that its significance will be recognized by all office workers, particularly when, according to the latest climatic record, Canada has been having about six months of winter weather.

In regard to the other features in the office such as stoves, cabinets, etc. Mr. Shirton says that these are largely matters of individual taste, and adds that if the accompanying plan and description prove of any benefit to anyone thinking of constructing an office, he will consider himself amply repaid for any information given to his friends through the "Canada Lumberman."

It may be stated here that William



K. J. Shirton, Dunnville, Ont., President of the Ontario Retail Lumber Dealers' Association, at work in his new private office

either side, allowing a good view of the vehicle or load being weighed and still making it unnecessary to go out of doors.

Another feature of the office, which Mr. Shirton considers important, is that there is no possibility of a direct draft on the parties sitting at any desk. This may appear a minor matter but it was one which the firm consider quite essential and believe

Shirton Co., Limited, was founded by the late Mr. William Shirton in 1895. He conducted business until 1909, in which year he passed away. A partnership was then formed in the family and carried on as such until 1915 when a change was made to a joint stock company under the present name of William Shirton Co., Limited. For several years natural gas was used for motive



power, but as this is becoming exhausted in the Dunnville district, the company now use Hydro-electric power. Natural gas, however, is very economical, more so than electricity or steam, providing its continuity and abundance are assured.

#### Too High Prices May Stop Building

One feature of the business of the company is in connection with its cross arms department, which has developed into quite a wide line. In the making of cross arms, B. C. fir is employed as this wood is believed to be the most desirable from every point of view. The dimensions generally in use are 3" x 4" finish, while the lengths of the cross arms vary from 4 to 10 feet. The cross arm business has not been up to normal of late but the backward season has, no doubt, had something to do with this. A number of mills in the West are now making these arms, which are also turned out by other firms in Quebec and Ontario, and so the demand in Canada from telegraph, telephone and other companies is pretty well taken

and many prospective builders immediately went on strike.

"However," added Mr. Shirton, "things may look up a bit as soon as the weather gets settled and the sun shines on both sides of the fence. We believe there will be a certain amount of building, of course, but nevertheless are of the opinion that the recent rise in prices will change what looked at first to be a really record year, into one of merely normal activity. We do not want to be classed as a pessimist, but are stating the facts as we see them. In other towns and the larger centres things may be booming, but, unfortunately, we cannot say the same for Dunnville and vicinity. We have personal knowledge that other communities have felt and will feel this season the result of the unwarranted advance in building supplies."

Mr. Shirton believes that a contributing agency toward the success of his business has been not only in prompt service, well-selected stock, honest values and an honor-

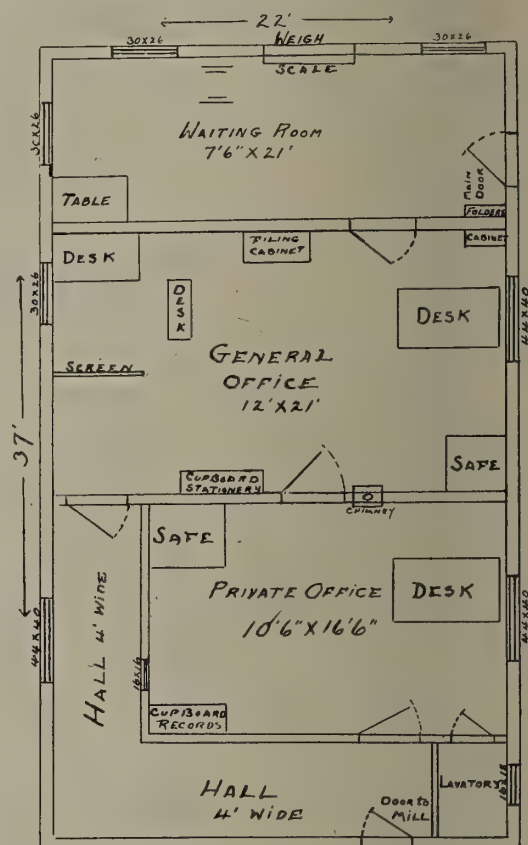
count and it was necessary to avoid this class.

Many good people were sometimes slow in settling. They simply put the matter off in a thoughtless way. Mr. Shirton said that, after rendering the account he felt that a good plan was to make a personal appeal to such parties, explaining that it requires a large amount of capital in the lumber line to carry a complete stock and that it is essential to have money, or something equally negotiable, in the way of security to finance a retail business. He found that this method of appealing to such persons was successful and they saw the reasonableness of the plea.

Often a customer would say that he could not pay just then, but that he was expecting money at such and such a time and then he would settle. Mr. Shirton said that he frequently requested a cheque dated about the time that the customer expected to get in the cash, and if there was still hesitancy on the part of the debtor, he would ask that the cheque be given and post-dated



The new office of the William Shirton Co., Dunnville, Ont. At the right the interior arrangement of the new office is seen, indicating a compact and convenient lay-out



care of. It has not been possible to work up an export trade as the high cost of transportation prevents any large business being developed.

In regard to general business conditions, Mr. Shirton says that a few months ago he was quite optimistic but since then has somewhat changed his views. The slight advance in some lines of lumber and the marked advance in others, together with a general rise in the prices of other materials, (excepting cement, which, however, will probably follow), and the demand of labor for more money, has had the effect of stopping the erection of a considerable number of residences in Dunnville and vicinity. In conversation with the "Canada Lumberman," the president of the Ontario Retail Lumber Dealers' Association declared that at the beginning of the year things never looked better in his district, and his firm were kept busy estimating. After the prospects got their figures (or those of competitors) for lumber and also learned what the carpenters, plumbers, masons and hardware men's quotations were, and then added all together, they were surprised at the aggregate

able record, but also in keeping accounts well collected. At the annual convention in Ottawa in 1922 he spoke strongly on this subject, and it is not inappropriate to reproduce here his remarks on that occasion on "collection of accounts." He said that while many dealers had signs in their offices stating that their terms were Cash, he felt sure that he was safe in saying that not ten per cent of them found it feasible to adhere to this regulation, particularly in regard to contractors and farmers who were reputable in every way but still wanted to buy on time or pay for their material in the fall. The outcome, however, was that when a business was not all cash, that credit crept in and the dealer was up against the problem of discriminating between the good and the bad. If the yardman was not very careful he would get some accounts on his books that could not be collected.

All accounts required a close study of local conditions and could be divided into three classes,—good, slow (or doubtful), and bad. There was, strictly speaking, no proper use of the term "bad" for frequently no possibility existed of collecting a bad ac-

say fifteen days. Rarely did he come back without a settlement in the way of a cheque or an interest-bearing note which could be negotiated in the bank and was a confirmation or substantiation of the account. When this was obtained there could be no room for dispute.

If slow accounts were not looked after they were apt to get down to the doubtful class. In the latter case it was advisable to get, if possible, a lien on the building, but if the time for placing a lien on it had expired, the next best move was to search the registry office and see if the customer had any property. Often collections could be made by getting a judgment against the party who was lagging too long in settling for what he owed.

Mr. Shirton asserted that every retail yardman should watch collections carefully during these trying days. He had outlined only roughly the methods in use in small towns and much that had been said by him might not apply to lumber merchants in cities who had their own special system of dealing with these matters and getting in payment promptly for all materials sold.



# Business and Amusement at Regular Session

*Wholesale Lumbermen Entertained by Breezy Addresses, Magic, Mind Reading and Other Features. Big Picnic will be Held at End of June.—Orders are Many*

Varied in character and entertaining in its features was the regular monthly meeting of the Wholesale Lumber Dealers' Association, Inc., which was held at the Albany Club, Toronto, Friday April 20th. There was a good attendance and after the regular business was disposed of, several interesting addresses were delivered.

A couple of amendments to the constitution were passed, one to the effect that each of the standing committees of the Association should consist of three members, the first-named member as chairman and that the Entertainment Committee should be increased from three to five members. Another amendment concerned the Bureau of Information reports and dealt with the advisability of getting after those who are dilatory or indifferent in regard to sending in their monthly returns.

A. E. Eckardt said the Bank Act was now under revision at Ottawa and he thought some of its provisions might well be amended. He believed that certain banks occasionally urged customers to buy more than they should, and then when the opportune time arrived, closed down on them. He did not say that this was a general practice but instances could be furnished where lumbermen had lost money through such a proceeding. Mr. Eckardt moved, seconded by Mr. Lovering, the following motion which was referred to the Committee on Legislation with full power to act immediately: Be it resolved that the officers of the Association be and they are hereby instructed to memorialize the Honourable, the Minister of Finance, that in the opinion of this Association in the pending revision of the Bank Act provision should be made for either of the following matters, namely:

- (a) That securities under Section 88 of the Bank Act be registered in the manner in which chattel mortgages are now recorded in the several provinces, or
- (b) That any person stating in writing to any bank that he has been requested to supply goods on credit to any customer of the bank shall be entitled to information from such bank as to the securities given by such customer to the bank under Section 88 and the amount of the debt in respect of which the bank hold such securities.

## When is an Order Not an Order?

A. C. Manbert said there were plenty of orders nowadays for lumber and sales were being made fast. He thought that some attention might be given to the subject and also to a consideration of when an order was not an order. In this connection Mr. Manbert submitted the following which sets forth interesting facts:—

"Talking about orders. Henry Funginger, Treasurer of an Eastern paper house, puts over the query, 'When is an order not an order?' and answers it as follows:—

An 'At Once' order where there is a large past due account, is not an order—it is an embarrassment.

An order for \$1,000 from one who is not entitled to credit in excess of \$200 is not an order—it is a grievance.

An order for a new account without full references is not an order—it is a clog in the wheels and a possible source of bitterness.

An order that is not plainly or correctly written is not an order—it is an aggravation.

An order that does not show every special condition entered into between the salesman and the customer is not an order—it is a breeder of misunderstanding and dissention."

## Mr. Bigwood Speaks on Kiwanis

The Lumbermen's Association are seeking to develop speakers within their own body and to this end a beginning has been made. F. H. Bigwood, president of the Kiwanis Club, Toronto, delivered a short address on "Analysis of Policies and Methods," with special reference to the work and worth of Kiwanis Clubs. Mr. Bigwood said that during the year just closed business men had to analyze policies and methods closer than ever before, and it was a tribute to their foresight that business to-day is upon a fairly sound basis. Dur-

ing the war years and since there had been great activity or a tendency for business men to get together for various purposes. Clubs and associations had sprung up here and there but some had fallen by the wayside owing to the stress of the last three years. Mr. Bigwood then made reference to the Kiwanis Club and its remarkable development during the past eight years. He said the organization was composed of unselfish, high-minded and practical business men and had attracted to its membership the outstanding men of every community where it had gone. There are now close to 1,000 clubs with a membership of 100,000. The motto of the Kiwanis Club is "We Build." Mr. Bigwood dwelt in detail upon the object and spirit of the club, its mission and achievements and what had been done in Toronto during the Yuletide and other seasons for under-privileged children, orphans, the afflicted and the unfortunate, the fire sufferers in Northern Ontario, etc. He concluded by saying that Kiwanis is transforming the indifferent Canadian and American business men into workers and thinkers along lines of civic betterment and national improvement.

Mr. Bigwood's talk was followed by a clever exhibition of sleight-of-hand tricks by Thomas Bowyer, secretary to H. Boulton. This feature was well received, and later in conjunction with L. D. Barclay, chairman of the Entertainment Committee, an exhibition of mind-reading was staged which startled the members by its remarkable penetration, accuracy and concentration. Messrs. Barclay and Bowyer seemed to be able to read the inmost thoughts of every man in attendance and reveal the past, present and future.

## Early Days of the Yukon

A. L. Eastcott, of the Pembroke Lumber Co., Pembroke, who was a guest during the evening, gave a short address. He stated that what we often regarded as our difficulties were really our opportunities. If we meet these difficulties and overcome them we advance and are thus able to achieve higher and better things. This is the age of progress, and opportunities presented themselves on every hand if they were only taken advantage of. The great game of golf was full of difficulties and hazards and by reason of this was one of the most attractive pastimes of the day.

Hon. Justice Craig, who for thirteen years administered justice in the Yukon in the early days when the gold fever was at its highest and the country was visited by all nationalities in the world, gave a vivid and graphic description of the scenes from 1900 on until Dawson City was transferred from a wild, reckless, riotous mining camp into a law abiding, peaceful community. Judge Craig paid a high tribute to the efficiency and faithfulness of the Northwest Mounted Police and told of the rise and downfall of many claimants and searchers after the yellow metal. When Mr. Justice Craig arrived in the Yukon in 1900 his first dinner cost him \$11 and a mere shake-down where he slept separated him from another \$5. Everything was exceptionally high in price and turkeys as much as \$32 a piece. 154 cases consisting mainly of cases of jumping claims, trespassing and water rights, were awaiting trial when he reached Dawson. The speaker gave a number of interesting personal observations on the administration of justice, the maddened search for gold, the recklessness of those who secured pay-dirt, the enforcement of law and order, the social life and other features. At the close a hearty vote of thanks was tendered the speaker by A. C. Manbert and W. J. Lovering.

It was announced by the Entertainment Committee that arrangements were being made for a picnic which will take place the latter part of June. It is probable that the rendezvous will be the Lake Shore Country Club where a most delightful outing was held by the members a year ago.

Receipts at the Crown Timber office, New Westminster, for the fiscal year ending March 31st were \$175,384.44, the highest figure in the history of the office, being over \$25,000 more than previous high record of 1922 when the exchequer was enriched to the amount of \$149,546.51.



# Statistical Story of Lumber Production in Canada

By R. G. Lewis, Ottawa

"The cut of lumber in Canada during 1921 was considerably less than it has been any year since 1908 when accurate annual statistics of the lumber industry were first collected," says the Dominion Bureau of Statistics, Ottawa. "During 1921 only 2,869,307 feet, b.m., of lumber, valued at \$82,448,585 was reported. This is a decrease in quantity of one-third of the production of 1920. The average value of lumber at the mill decreased by over \$10 per M, causing a drop in the total value of lumber sawn of \$85,723,402, or over 50 per cent."

These figures are supplied in reference to the lumber industry by R. G. Lewis, B.Sc.F., who is in charge of the forest products statistics.

The number of mills reporting in 1921 was 3,126, a reduction of over ten per cent from 1920 and not only were there fewer mills in operation in 1921 but the average number of days each mill was in operation during the year was only 82½ out of a possible 304 working days as compared to 96 for 1920. This resulted in an average production per mill for the Dominion of only 918 thousand feet while the average in 1920 was 1,235 thousand feet.

The total number of employees on salaries and wages in the sawmills in 1921 was 30,337 as compared to 41,158 in 1920. The total payroll in 1921 was \$26,707,689, a reduction of over forty per cent from 1920. The average rates of pay for all classes of employment in this industry were considerably less than in 1920. Other agencies of production in the sawmills such as fuel used, power employed and miscellaneous expenses incurred, all showed reductions from 1920 to 1921.

In spite of the reduced production of sawn lumber this group of mills reported increases in the quantities of lath and shingles produced amounting to over five per cent in the case of lath and over four per cent in the case of shingles. These increases in quantity, were, however, accompanied by decreases in average value, causing decreases in the total values of lath and shingles produced. The figures for 1921 are, lath 804,449 thousands valued at \$4,188,121 and shingles 2,986,580 thousands valued at \$10,729,096. Other miscellaneous by-products of the sawmills show a general increase in total value especially in the cases of slack cooperage stock, sawn ties, poles, posts, mine timbers and piling. Decreases were reported in connection with veneer, tight cooperage stock and dressed lumber.

The total value of all classes of products for 1921 was \$116,896,559 as compared to \$207,163,577 for 1920.

The following table shows the production of lumber in Canada by provinces for 1920 and 1921:

	Quality		Value	
	1921	1920	1920	1921
CANADA	4,298,804	2,869,307	168,171,987	82,448,585
British Columbia	1,443,270	996,266	54,394,069	24,867,321
Ontario	992,901	734,054	43,142,377	24,518,164
Quebec	916,422	649,334	37,128,201	19,656,462
New Brunswick	515,785	269,983	18,374,126	7,810,622
Nova Scotia	270,166	115,246	9,275,934	3,054,995
Manitoba	58,419	61,727	2,058,590	1,398,067
Alberta	41,229	26,002	1,480,186	711,149
Saskatchewan	54,371	10,892	2,074,621	273,093
Prince Edward Island	6,241	5,803	243,883	158,712

## Why Export of Canadian Pulpwood Should Stop

By W. F. V. Atkinson

The labor required to manufacture our wood is the very bread of our citizens. Since the war many are still seeking employment. When our wood is exported it is lost, fails to maintain existing industries or supply new ones. With it goes the means to buy food, fuel and the necessities of life. The payroll is over one-third the cost of newsprint.

The unmanufactured wood exported is almost entirely pulpwood. Sawlogs are sometimes exported and other forest products might also be mentioned, even Christmas trees, but they are not important. Under a general law prohibiting the export of raw forest material these, as well as any pulpwood that could not be used here, might, if necessary, be exported under special permits.

The Parliament of Canada alone can regulate exports. Provincial Legislatures controlling their own natural resources grant no cutting rights on public lands without stipulating the manufacture in Canada of all wood cut. Thus the pulpwood exported is cut only on private lands.

It is sometimes claimed that legislation preventing the export of pulpwood would be an infringement of private rights and that it would injure the settler clearing land for farming. To satisfy these claims Canadian mills would most likely contract for a large part of each year's requirements from this source if the price delivered were not more than the cost of the wood cut on their own limits. Crown dues, rents and all proper charges, such as sinking fund, or replacement value of standing timber, to be included. Prices and quantities could be adjusted yearly through some Government official representing the freehold wood producers within a logical freight radius of each mill. Exemptions from sales tax would help.

Pulpwood exports average over one million cords annually. Canadian mills are now able to absorb more than this quantity. New mill building and extensions are making this readjustment easier.

The census of industry shows that during three years wages and salaries paid to convert pulpwood to pulp and paper averaged fourteen dollars per cord. During the same period three and two-thirds million cords were exported and Canadian payrolls lost fifty-one million dollars. Within the last seven years one hundred and ten million dollars were thus lost to our workers.

Let us glance at the heavy loss to the industry and to the country as a whole caused by the export of all this wood. For example the figures show that had the wood exported in 1921 alone been manufactured here its sale value would have been increased by fifty-seven and one-half million dollars.

Various official estimates of the pulpwood resources of Canada have been published. More accurate information is now being obtained. Recent figures show less than half of former estimates.

In some districts mills will be out of wood in a few years. Large northern areas of scattered timber must remain commercially inaccessible. The end is dangerously near. The annual cut averages now four million cords. This is only a part of the annual depletion. Fires, grubs, beetles, fungi and winds have admittedly destroyed twice as much as was cut since 1920.

The end of our pulpwood means the end of present methods of paper making. This industry now employs over thirty-five thousand operators, not including the host of men who cut and bring the wood to the mills. Both classes support many dependents.

All these facts speak for themselves. More could be said. The above is surely a sufficient argument to warrant the immediate prohibition of unmanufactured wood.

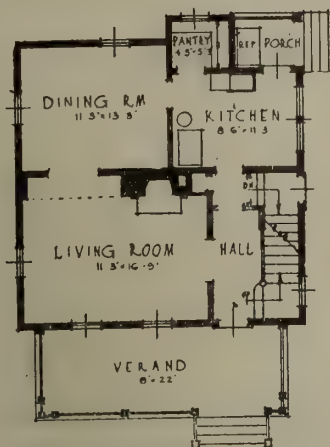
### Everything Depends on the Forests

When a man writes his name, reads his paper, puts on his shirt, his near-silk socks, his necktie, his shoes, his black suit, when he smokes his pipe, when he takes aspirin or quinine or when he takes acetanilid for a headache, when he goes hunting or to the movies, when he plays a phonographic record, when he uses his radiophone, when he paints his house, varnishes his floor, lights his fire, eats his sausages, he comes into contact directly or indirectly with the chemical utilization of the forest. The chemistry of the forest, the chemical utilization of wood, whether we know it or not, is part and parcel of our daily existence. The discovery of new uses for wood is keeping ahead of the discovery of substitutes for wood, which explains the necessity of governments and all forest authorities adopting a policy that will provide for the scientific handling of this great and rapidly diminishing natural resource.

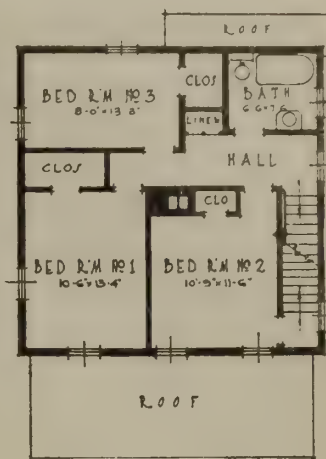
One hundred and forty thousand Canadian boys have been organized by the Canadian Forestry Association into a Young Canadians' Forest League and will be on the alert this year to prevent forest fires in all parts of the Dominion. Badges and detailed instructions are being supplied and the entire body will act as an auxiliary force to the fire rangers when occasion offers.

The Hawkesbury Lumber Co., of Ottawa, will have a busy season. It is understood that they will operate their sawmill at Hawkesbury night and day, and have leased the mill of the Gatineau Company at Rockland, Ont., which they will also run to capacity. It is learned that the Gatineau Company will put the Gilmour & Hughson mill at Hull in commission again during the present season.





FIRST FLOOR PLAN



SECOND FLOOR PLAN

## A Fine Type of Home

Simplicity of detail and economy of space are the characteristics of the house pictured on this page. In a day of disproportionate shapes and poorly realized outlines the soundness and beauty of such a house commends it immediately to the man of moderate means who is seeking the realities as well as the appearances of a home. According to estimates of the Home Owners' Service Institute this house may be erected for between \$7,000 and \$10,000.

An outstanding advantage of this house is the fact of its being square which means, of course, that it is the most economical, other things being equal. It is twenty-six feet square, two full stories high and contains six livable rooms, well arranged, well lighted and well ventilated. The exterior of shingles laid with a wide exposure make it possible to gain a very pleasing effect in painting. White, perhaps, with green blinds will show off the house handsomely.

The house was designed by Whitman S. Wick of Middletown, N.Y., and complete plans therefor may be obtained upon application to the Home Owners' Service Institute, No. 37 West 39th Street, New York, N.Y. It may be built on a forty foot lot facing any direction except west.

The arrangement of the house is such that upon entering the hall from the veranda, which with simple colonial columns extends all the way across the front, an open stairway leading to the second floor is found at the right. To the left of the hall is a living room containing a fireplace and beautiful colonial mantel. This room is lighted from two sides by three large windows and has ample wall space for the placing of furniture.

The dining room beyond, connects directly with the kitchen. A pantry with built-in case and counter and a rear porch opens from the kitchen and makes the whole relationship of these units of the house thoroughly convenient for the house-wife. Another commendable convenience is a grade entrance at the side of the house which connects with the cellar stairs.

### Outline of Specifications

The second floor has three bed-rooms each thoroughly well ventilated. A large closet opens from each bed room. The bath room has all three toilet fixtures and a built-in medicine cabinet with a mirror over the wash bowl. A closet for linens containing shelves and drawers is built into a recess in the hall.

The house has a large attic reached by stairs from one of the bed-rooms and the cellar contains heater and coal bins

and may be divided off for laundry, storage rooms and the like if desired. One chimney contains all flues.

**Masonry:** All footings shall be of concrete as shown on the drawings and shall be at least eight inches thick and eight inches wider than the wall or pier starting thereon. Where shown on the drawings the walls and piers are to be built of concrete. Foundation walls, where showing above grade, are to be faced with four inches of an approved red tapestry face brick.

**Carpentry:** All framing timber shall be of white pine, spruce or hemlock. All floors shall be joist construction, with timbers of sizes and spacing as marked on the plans. Exterior trim of white pine, stock designs.

Cover the exterior walls of first and second story with 1 x 8 inches No. 2 common shiplap. All exterior material for cornice, overhang, etc., is to be of white pine.

Cover main and porch roof with 18-inch shingles spaced 5½ inches to weather on main roof and 4½ inches to weather on porch roof. Sidewalls to be covered with 18-inch shingles spaced 8 inches to weather, or with wide board siding, at option of owner.

Interior trim as desired. Double floors, with finish flooring selected by owner.

**Lathing and Plastering:** Walls and ceilings above basement to be plastered two coats and a smooth white finish.

**Painting:** Strictly pure white lead, zinc and linseed oil in proper proportions shall form the basis of all paints unless otherwise specified. All exterior work except shingles and ceiling are to be painted two good coats of paint, color as directed by owner. Shingles and sidewalls and roof to be given one coat of shingle stain. Ceiling of porches are to have two coats of spar varnish.

All interior woodwork throughout first and second floors is to have one coat of chestnut stain and two coats of varnish. Oak floors to be filled and varnished, yellow pine floors to have one coat of oil.

**Electric Work:** Wire for lights, base plugs and switches and all openings as per plans. Equipment to meet approval of the Underwriters Association, subject to the local board of inspection.

**Plumbing and Gasfitting:** Complete sanitary and rain-water drainage system, with hot and cold water supply; brass piping for the hot water system. Fixtures as shown on drawings and listed on specifications to include two compartment laundry trays in basement, bathtub, lavatory, water closet, sink and built-in bathroom accessories.

**Heating:** Steam heating system specified, but heating plant at option of owner.



## Big Publicity Plans for B. C. Shingles

### Extensive Advertising Will be Done to Focus Wide Attention on "Edg-Grain Columbia Inspected"

The Shingle Manufacturers' Association of British Columbia has decided to make their product more widely known and increase its prestige and popularity by an extensive advertising campaign. The propaganda for "Edg-Grain British Columbia Inspected" shingles will be a comprehensive one, national in character but specific in detail. The object is to acquaint the public more thoroughly with the qualities of high-grade red cedar shingles and to drive home to retailers, builders and architects the merits of a roof covering, which the producers believe, they have been too backward in proclaiming. There is not much wisdom in having a worth-while article unless the world is informed of the fact.

Every lumber retailer, builder, architect and home owner is, of course, familiar with the protective features of shingles and has knowledge—more or less vague perhaps—regarding British Columbia shingles, but no concerted, co-operative effort has been made by the manufacturers in that province to focus attention upon "Edg-Grain Columbia Inspected."

This is the new trade-mark which has been adopted and the shingle men of the Pacific Coast recognize that they have been making the mistake of advertising the wooden shingle irrespective of its quality. They have awakened up to the fact that there are shingles and shingles, and are of the opinion that, by the new policy adopted, they will succeed in establishing that the edge-grain mark on a British Columbia wooden shingle is equal to the hall mark on a piece of silver.

The Shingle Manufacturers' Association of British Columbia announces that the use of the trade-mark will not be permitted on any shingle that is not up to the high standard set by the Association, and declare there will be no exception whatever to this rule. The distinctive trade-mark will protect the consumer and supply the retail dealer with an article bearing the endorsement of the combined industry producing it.

To educate the customer and not influence legislation is the object of the campaign which is being launched at an opportune time—just when spring construction work is under way. Illustrated and instructive display advertisements will appear in leading trade journals and national magazines. The publicity plan will be followed up by the issue of attractive literature, giving the history of the B.C. red cedar shingle from the tree to the roof and explaining how it can be laid to the best advantage. Booklets of this character broadcast everywhere should prove useful both as a manual and valuable as a work of reference.

J. A. Edgecumbe, president of the B.C. Shingle Manufacturers' Association, and Fred H. Lamar, secretary-manager, state that the present publicity effort is not a spasmodic one but is the groundwork for a continuous campaign to establish in the public mind the real facts concerning "Edg-Grain British Columbia Inspected" shingles.

There has been a generous response from the industry throughout British Columbia and we understand practically all producers are getting behind the publicity project, which, it is believed, will do much to stabilize production and create wider demand and greater appreciation of the "Edg-Grain British Columbia Inspected" shingles.

### Sues Shareholders for Company Debt

In a judgment in the Superior Court at Montreal recently Mr. Justice MacLennan dismissed the action of Joseph Drouin against Joseph Lefebvre for recovery of \$3,000 which plaintiff claimed as balance due him on the sale of timber limits to the Compagnie Boune Bay, Limitee, by the defendant, who was said to be a member of company mis-en-cause. Defendant inscribed in law alleging that he could not be held responsible for the company, and it was on this point that the court dismissed the action.

Plaintiff said that on February 19, 1913, the defendant subscribed \$5,000 to the capital stock of the company, whose aim was to purchase from the plaintiff certain timber limits for the sum of \$225,000. This subscription was payable—ten per cent. cash, ten per cent on April 1, 1913 and ten per cent every two months afterwards. The defendant made the first cash payment, and paid the second installment. On May 30, 1913, the organization of the company was completed and plaintiff transferred certain timber limits to the company. It was agreed that he was to keep all the subscriptions already received, including \$1,000 paid by the defendant. It was also stipulated that he was to receive further subscriptions as they matured, including those to be made by the defendant. The defendant made two

more payments and then stopped, leaving a balance due of \$3,000. Plaintiff said the company refused to claim this sum from the defendant. Hence the present action.

Defendant submitted in his inscription-in-law that, in virtue of section 39 of the Federal Companies' Act under which the company was incorporated, he, as a shareholder of the company, could not be held responsible for the debt of the company.

Mr. Justice MacLennan, in giving judgment, said the plaintiff sued the defendant as a debtor of the company mis-en-cause, and did not allege that he had obtained judgment against the company. A writ of execution of such a judgment was produced, with a statement that the plaintiff was not satisfied. But the federal law under which the company mis-en-cause was incorporated prohibited the defendant as shareholder from being sued for payment of his shares by a creditor of the company. Under the circumstances, the court held that there was no lien de droit between plaintiff and defendant to justify the present action. Therefore, defendant's inscription-in-law was maintained and the action dismissed.

### Mr. Booth Speaks Strongly on Fire Hazards

In a recent interview, J. R. Booth, of Ottawa, veteran lumberman and paper manufacturer, said that he did not find that over 15 per cent of operating lumbermen were able to make a profit covering a long period of years. Several big lumbering concerns in the Ottawa district he knew had retired from the field either with no gains at all or with the loss of several hundred thousand dollars.

"And yet, the public mind," Mr. Booth continued, "is stuffed with false notions that because a man is in the lumber business with a government limit, he has taken an unfair advantage of his fellow men and is a fit target for punishment. I do not think that the public is prejudiced against lumbermen, as individuals, but they do feel some bitterness toward men who are dealing in the leased property of the state. They are ready to exclaim: 'That man has established a big industry on public-owned timber lands,' forgetting that for every dollar the lumberman takes out for himself, the workers, the merchants, the railroads, the public treasury, all take many dollars."

Mr. Booth added that for every dollar's worth of lumber cut, many dollars worth were burned and that only a shortage of forest products, accompanied by high prices, will make the public realize the urgency for stamping out forest fires. He stated that the proportion of trees of timber size that had been taken out by the axe as compared with those destroyed by fire was one in twenty. With the large limit holdings, if fire could be eliminated Canada would have a self-perpetuating forest supply. The nation has been forced to the edge of a timber dilemma, not by the lumbermen, but by forest fires.

The veteran Canadian captain of industry who is now in his 97th year, added that the consumer of forest products would have to pay for the terrible loss created annually by conflagrations which would also result in increasing the price of paper. The prices of all forest products were bound to ascend and nothing could stop them.

Mr. Booth spoke of some old documents he had been rummaging through. One of them referred to lumber sales seventy-five years ago when the price of sawn white pine was just twelve and thirteen dollars a thousand feet. The price for the same grade in 1923 is close to eighty dollars a thousand feet.

"I can see no other remedy for the ever-increasing ruin of the forest resources of the country," observed Mr. Booth, "except to let the people bring themselves to such a tragic condition of scarce timber and pulpwood with extreme costs for every foot of cord they buy that some drastic cure will be sought and applied. Forest conservation will arrive when the absence of it pinches our population hard enough."

### Will Take Cotton Out of Cottonwood

The cotton of the cottonwood, the popular shade trees of many cities, need be no longer a drawback to the tree's utility, according to W. H. Long, of the New Hampshire station of the U.S. bureau of plant industry, who has developed a spraying treatment which will prevent the growth of the cotton-bearing blossoms without injury to the tree. The same treatment may be given trees of allied species which blossom before the leaves come out.

It consists of spraying the blossoms as soon as they open in the spring with a very dilute solution of sulphuric acid, preferably of a strength of two per cent. This kills the blossoms which later in the season would otherwise produce the tufts of soft, downy cotton that strew the streets and fill the air along streets planted with cottonwoods to the annoyance of the property owners.



# Add Regular Draying Charge to Every Load

*Levy for Delivering Lumber Should be Made According to Distance and Condition of Road over Which it is Necessary to Travel — Cartage Problem*

The problem of delivery has always been a perplexing one with the average retail lumberman. Should he charge for the service of taking building material to the place where it is to be used, or should the conveyance of the same be included in the price of the produce? There are many differences of opinion, varying according to the locality, the nature and extent of the consignment, the relative importance of connection of the buyer and the trade custom.

In Quebec City of late years it has been a practice to make certain charges fixed upon a definite basis, and all parties who order material, know exactly what they have to pay. There is no favoritism shown and everything is set forth in clear, unmistakable terms. In other centres careful inquiries are made as to the amount of lumber that a man wants, where he desires it delivered and for what purpose it is to be used. Then if the order amounts to a respectable sum, no charge is made, but if it is a "jag" of a few boards of 2 x 4's, the price is raised from 25 up. This is included in the bill and the dealer imagines that the customer thinks that no fee is made for carting, and the total value of the whole transaction lies in the lumber, with delivery thrown in. This is a sort of a camouflage and the majority of retailers find it pays to be open and above board.

If a man desires some pine straps, spruce flooring or hemlock studding right away and cannot wait until a service wagon or truck goes in his direction, most dealers tell him frankly that he will have to pay for the special delivery. If, however, he waits until a route vehicle starts from the yard, he will not have to pay for the cartage.

## It is Constant Source of Worry

There are a few things to remember, however, that somebody is paying for that delivery, and it is interesting to publish the observations of G. C. Gilstrap, of Clafiri, Kan., who in a recent letter to the "American Lumberman," sums up the situation in a most comprehensive way. His remarks as follows are certainly worth reading:—

Delivery service has always been a source of considerable worry to lumbermen. Where it is undertaken without a direct charge to cover the cost of drayage it becomes very aggravating. Many customers will ask the dealer to send out a dime's worth of nails, a quart of paint, or a piece of moulding, and say, "Send it right away for I am in a hurry," without a thought to the fact that it causes an extra trip for the dealer, the expense of which is greater than the entire value of the goods, so that the dealer not only loses his profit on the transaction, but the goods as well. On the other hand, if he refuses to send it he incurs the displeasure of the customer, and may lose his trade entirely by such action.

What lumberman has not sent a load of lumber out to some job and after the load had arrived there, found that the workmen in charge had carelessly ordered the wrong length, making it necessary to return the whole load, or a large part of it? Or is there any dealer who has not had a carpenter order out a load of B & better flooring or finish, pick out the "better" and announce he had some left over, "So send out the truck right away and get it," and found that only B was "left over"? How many of these people offer to pay for the extra trouble and expense? Or if they are asked if they don't think they ought to pay something to cover the extra expense of the needless trips, do they say "Sure, how much is it" or do they get all "het up" and say Jones never asks us to pay for delivering, so I will buy there after this"? Do they, or don't they?

## Some One Pays for "Free" Delivery

In the first place we look at the matter in the wrong light. We are accustomed to say "free delivery" when there is no such thing as free delivery, or "free" service of any kind, for that matter. There must be a charge somewhere to cover this cost, and there are just three ways of making this charge. First, the customer who receives the benefit of the delivery may pay for it either by direct charge, or by having it included in the amount of the bill. Second, it may be added to the cost of doing business, thereby making it necessary to raise the selling price on all merchandise to all customers enough to cover this extra expense. Third, the dealer himself may pay it out of his profits.

The last of these three considerations should be eliminated without question. No dealer has a right to pay the charge himself. For, even if he can afford to do so and not go broke, he is giving a false

impression of his neighbor lumberman who can not do so. The trade will, of course think that the dealer who is delivering free is getting high enough prices, and that the one who is making a charge for the service is getting an excessive profit. Although the first dealer will probably find himself on the wrong side of the banking ledger before many years have passed away, the public will not think it was because he sold too cheaply, but just another case of bad management, while the first impression as to the other dealers remain, and to them they are profiteers still. And the misguided, dejected dealer goes on his way, wondering how he could have failed when he seemed to be making good money.

If this cost is added to the general expense and price raised on all material to cover it, then all customers are not treated alike and that is unfair to part of the trade. Particularly all building stores have some customers who come to the yard for their material while many others have their material hauled only a few blocks. These are just as good customers, yet they must pay as much as the fellow who lives in the farthest house of the longest street of the town.

## Where Should Free Zone End

Some dealers have even gone further in this delivery service and delivered five, ten and even fifteen miles in the country, with no charge. There is no dividing line as to where to stop this service. If it is all right to deliver free for one block, why not ten blocks, and if ten blocks, why not fifty? The same is true of country delivery, if one mile, why not ten miles? But why should the good customer, who does not benefit by this delivery, help pay for the benefit the one who does? Is it reasonable to suppose that these good customers will remain satisfied when they realize that they are paying for the other fellow's service? Experience does not so teach us.

If the delivery charge is added indirectly to the bill covering the particular job, it can only be done in the nature of an estimate, which is not likely to be accurate. Usually there will be extra trips for unexpected purposes which were not allowed for in the estimate, or if allowance was made for them, it is likely that some competitor failed to make such an allowance and has therefore given a lower estimate and sold the bill.

The only logical way, fair to all, is to add a regular draying charge to each load as it is taken to customer. If a large load is hauled, it should be charged for accordingly; if a small one, allowance should be made for the size of it. In like manner, charge should be made according to distance and condition of road over which it is necessary to deliver. It is usually a good policy to make the charge equal to, or almost as much as the city dray would charge for a like service, and in any case it should be enough to cover the cost of the service, including upkeep and interest, as well as the actual operating expense. Any dealer adopting this plan will find that most of his delivery worries have been overcome; that he seldom has to make long trips with small loads; that he will have only about one-half as much returned material to bring back from the completed job, and that his customers are better satisfied than under the old haphazard system.

## Your Competitors Are Worrying, Too

Let no dealer say he can't charge for delivery because his competitors will not do it. If he will investigate a little, he will find that they have been having just as much grief over the old method of free delivery as he has had, and if he can convince them that he will always charge a reasonable amount for delivery they will be glad to join him on it. Let him see them, get them together and talk over the situation. In nine cases out of ten he will find them ready and anxious to join in the movement. Then while talking over the matter, make out a schedule of charges and let all adhere to this schedule. It is well to announce in the local paper that after a certain date all deliveries will be charged for at the schedule adopted, and all dealers sign it. It is also well to give a few of the principal reasons why it is better and fairer to all to make direct charges for delivery service.

And when the dealer has secured the adoption of this system in his town, let him go home and take a good night's sleep, for he will have removed one of the most aggravating worries of the lumberman, and he will never go back to the so-called free delivery system.



## Lumberman Who is Coming to Front



W. Norman Fox, Toronto

W. Norman Fox, who was elected a director and secretary-treasurer of the firm of Edward Clark & Sons, Limited, Toronto, at the recent annual meeting, is one of the progressive young lumbermen who in a comparatively short time has made rapid progress. Mr. Fox takes a warm interest in all affairs connected with the lumber industry and was recently made chairman of the Membership Committee of the Wholesale Lumber Dealers' Association, Inc. He is also associated with the Rotary Club and other organizations. A Toronto boy, the son of J. W. Fox, he was educated at the Parkdale Collegiate Institute, and later entered the accounting department of the C.P.R. When war broke out, he was overseas for several years with the Royal

Naval Air Service. He secured his commission as a lieutenant and in 1916 was engaged as a pilot in scout squadron work in the northern section of France and Flanders. He continued in the service until when flying near Ostend he was wounded by an enemy machine gun and had his right leg broken. He managed to see that the machine was guided back to the airdrome behind the lines. Lieut. Fox entered a hospital at Calais in October 1917 and was later removed to the naval hospital at Chatham, England. He was invalided home in February 1918 and received medical attention until July of that year. Then he was appointed an instructor with the Royal Air Force, specializing in armament and machine gun work in the school at Hamilton.

There Mr. Fox was when the Armistice was signed, and afterwards he became connected with the automobile business, specializing in accessories, tops, bodies, etc., until the latter part of 1921 when he joined the firm of Edward Clark & Sons, wholesale lumber merchants, as accountant. Mr. Fox is twenty-six years of age and is an enthusiast in the hardwood lumber line.

## Convict Makes Good at Sawmilling

Police Magistrate J. E. Jones, of Toronto, in delivering an address recently on "Prisons—Past, Present and Future," before one of the Men's Associations in the city, showed a number of interesting views of the prison farm at Burwash, twenty miles south of Sudbury. One of the pictures was that of the well-equipped sawmill on the farm.

It is the custom of Magistrate Jones to visit the different places of detention once or twice every year in order to see how some of "his boys" are getting along and become acquainted with the progress made in reform and humanitarian work.

While visiting the sawmill Mr. Jones noticed a stalwart-looking fellow and thought his features seemed rather familiar. He gave a nod to the worker, and, walking up to him said, "Haven't I seen you before?"

"Yes sir," came the reply.

"Where was it?" enquired the Magistrate.

"You should know!" replied the mill laborer, "I am one of your customers. You sent me here and I am glad of it. I am not proud of serving a term in this institution but it has proved to be my salvation. I have worked in every department of this mill and am now the foreman of the plant. To-day I am a skilled laborer and when I get out you will never see me around a prison again. I feel that I am thoroughly competent to take any position in an ordinary lumber mill, and fill it."

The fellow again thanked Mr. Jones and said he had not fear about making good in the future, and turning out to be a respectable, law abiding citizen.

## Renfrew Holds Successful Banquet

A most successful banquet was held at the Hotel Renfrew on April 24th under the auspices of the Renfrew Board of Trade. The event was a well attended and enjoyable one. G. L. Murray, president of the Board of Trade, presided, and among the speakers were Sir Lomer Gouin, Minister of Justice, and J. O. Herity, manager of the Belleville Chamber of Commerce, the former replying to the

toast of Canada and the latter to the Associated Boards of Trade. Hon. Thomas A. Lowe, who is well known in lumber circles, proposed the toast of Canada, and among the members of the banquet committee were G. M. French, wholesale lumber dealer, H. A. Jordan and others.

Renfrew certainly possesses a live Board of Trade, and the town purposes holding an Old Home Week which will be held from September 17th to 22nd. It is expected there will be a great reunion of the Old Boys of the town and county. William Dean is the energetic secretary of Old Home Week.

## May Develop Water Powers on Gatineau

Further development of the water powers of the province of Quebec will likely result if plans now being laid out by the running streams commission to dam the Gatineau River with its 200,000 horsepower still available. Notwithstanding the fact that damming work of unprecedented magnitude is being carried out in the Lake St. John district at Kenogami and the Grande de Charge, the Quebec Government will within the next two years start extensive works on the Gatineau River, on the Quebec-Ontario border. Preliminary instructions were issued recently by the running streams commission to prepare plans for the gigantic project and orders have been issued to a party of engineers to leave shortly to study the condition of development and the immediate advantages offered by the exploitation of those water falls on that river. No work will be started this year, as reports will not be available before late in the summer. If the project is found to be practical at all points of view, work will most likely be started early next spring and another large reservoir added to the series existing in the province.

## Higher Charges for Milling in Transit

The price for milling in transit work, such as dressing, resawing, sizing, etc., on points south of Bracebridge, Ont., has recently been increased on narrow widths from 25 to 50 cents per M feet.

All firms doing a milling in transit business are now exceptionally busy and rushed with orders. One leading Ontario concern says that it has been compelled to increase the figure owing to the present shortage of labor which rendered it necessary to make a general advance in their pay-roll.

The new list, which now prevails, is as follows on 1-inch, 1¼-inch and 1½-inch stock:—

Dressing 1 or 2 sides	1x4 and up	2.50 per M
Dressing 4 sides	1x4 and 5	3.00 per M
Dressing 4 sides	1x6 and 7	2.75 per M
Dressing 4 sides	1x8 and up	2.50 per M
Dressing 1 or 2 sides and matching	1x4 and 5	3.25 per M
Dressing 1 or 2 sides and matching	1x6 and 7	3.00 per M
Dressing 1 or 2 sides and matching	1x8 and up	2.75 per M
Resawing or ripping 1 cut	1x4 to 7	3.50 per M
Resawing or ripping 1 cut	1x8 and up	3.25 per M
For 2-inch stock the following prices are now in effect:—		
Dressing 1 or 2 sides	2x4 and up	2.25 per M
Dressing 4 sides	2x4 and 5	2.75 per M
Dressing 4 sides	2x6 and 7	2.50 per M
Dressing 4 sides	2x8 and up	2.25 per M
Dressing 1 or 2 sides and matching	2x4 and 5	3.00 per M
Dressing 1 or 2 sides and matching	2x6 and 7	2.75 per M
Dressing 1 or 2 sides and matching	2x8 and up	2.50 per M
Resawing or ripping 1 cut	2x4 and up	3.00 per M
Resawing or ripping 2 cuts	2x4 and up	6.00 per M
Sizing dressed 1 side and 1 edge	2x4, 5 and 6	2.75 per M
Sizing dressed 1 side and 1 edge	2x7 and up	2.50 per M
Sorting and other work		1.00 per M
Transferring in the rough		1.00 per M
Measuring and grading		1.00 per M
Bundling		1.00 per M

Three machine sets are allowed for each car but in case of an extra set the charge is \$1.50 each.

## Instructive Booklet on Electric Hoists

The Canadian Link-Belt Company has recently issued a very comprehensive and instructive book on "Electric Hoists and Over-head Cranes." It is not only profusely illustrated with photographs of actual installations showing some of the most recent Link-Belt electric hoist applications, but with line and wash drawings, the subject of proper installation and efficient operation is fully covered.

Going further than the usual "catalog," this new book tells, in print and picture, of the practices and methods employed by users in widely divergent fields.

For instance, the practices of a sewer contractor in Maryland, who used a hoist for removing dirt—and the methods employed at a ship building plant in Texas who employed the same means for moving and placing timbers, is illustrative of the wide range of activities covered by this comprehensive book. Copies of the book, called "Book No. 480," are obtainable from the Canadian Link-Belt Company, Limited, Montreal and Toronto.



# Babson Believes Canada is on Verge of Boom

Canada and Canadian business are sound financially and fundamentally, according to Roger W. Babson, who recently returned from his annual inspection trip throughout the United States and Canada. This widely known statistician says that, if anything, business is becoming active too rapidly in the United States. He sounds a warning note and says that while today this state of affairs prevails across the border, the situation may be better in Canada next year. Mr. Babson declares business conditions are much like a storm. They travel across the country in waves; each section gets the storm but all do not get it at the same time.

In a recent interview, Mr. Babson expressed some worthwhile opinions regarding the status of the different industries in Canada and drew comparison with conditions as they are shaping up across the border. He said that it seemed to be a fundamental principle of economics that the Dominion lagged about a year behind the United States, both as to action and re-action, decline and recovery. Mr. Babson continued:

"Everywhere people are talking prosperity, building is booming; prices are again advancing and wages are rising," but too much of it all at once is dangerous. When a patient recovers too rapidly, a relapse may occur. The business men of the United States need to remember the warning of that old capitalist and philosopher—King Solomon—who cautioned the business men of Jerusalem that 'pride goeth before destruction and a haughty spirit before a fall.' Personally, I much prefer the more gradual and deliberate manner by which Canada is passing through her readjustment. We have much to learn from our northern neighbor. Today conditions are better in the States; but unless we take care, business will be better in Canada in 1924 than it will be here.

## Improvement in Canada is Imminent

"I spent some two weeks of my trip studying Canadian conditions," continues Babson, "and was very much pleased with what I found. Various factors suggest that the Dominion stands in about the same position in the economic cycle occupied by the United States six or eight months ago. If this is so, we must look for Canadian business to improve rapidly during 1923. The farming situation is better and more favorable conditions prevail in trapping and trading of the north woods owing to the state of the fur market and the plenitude of furred animals. British Columbia is in a more prosperous position than the prairies. Its farmers did fairly well last year and the fruit-growing sections had very profitable yields. Lumber demand is expected to develop to quite sizeable proportions. Even in the mining towns I look for a fair improvement. In British Columbia business during the spring months should be good.

"Canadian sales efforts during the next few months should be concentrated on the eastern provinces. The industrial communities of Ontario and Quebec look relatively the best and even in the agricultural sections conditions are more

favorable than on the prairies. Mixed farming helped to lighten the load of the eastern farmer. Industrial activity in Canada is estimated to be in the vicinity of 70 per cent of capacity. Unemployment and short time is still prevalent in some lines. Gold mining is an outstanding exception. This line is fairly busy and is resulting in considerable prosperity in such centres as Porcupine and Kirkland Lake, Ontario.

"Industries manufacturing goods for human consumption or covering are perhaps most active and have the most encouraging outlook. The best customers will be found in the cities. I have in mind all of the manufacturing centres of Southern Ontario and Quebec, but especially those producing pulp, boots and shoes, textiles, clothing and food products. In the maritime provinces, a firm foundation is being built up for business improvement. Basis industries are now dull, but I believe that warmer weather will bring decidedly better markets for lumber, fish and other local products. By summer, New Brunswick and Nova Scotia should look nearly as attractive to sales representatives as southern Ontario and Quebec.

## U. S. Must Turn to Canada

"A more hopeful feeling is developing, however, in the prairie and other agricultural regions. Better prices for farm products are helping the Canadians as well as the farmers in the States. As the Canadian farmer was slower in feeling the good effect of this increase in prices of farm products, so, he will enjoy it longer. It seems to be a fundamental principle of economics that the Dominion lags about a year behind the States, both as to action and reaction—decline and recovery. Hence, I say that while today conditions are better in the States, they may be better in Canada next year. Business conditions are much like a storm—they travel across the country in waves. Each section gets the storm, but all do not get it at the same time.

"The United States should be better neighbors to Canada. Some day the States must turn to her for natural resources. When our timber is gone, when our water power is all developed, when the price of land here makes the rising of cattle prohibitive, we must turn to Canada.

"The Babson chart continues to register the slight inflation to which I have already referred. Today it still stands at 5 per cent above normal. With the readjustment only 60 per cent completed, this is not a healthy sign. It is dangerous to raise prices or wages at the present time. Let us have prosperity, but let us not have inflation. Things that have recently occurred in the stock market, the spirit of the bootleggers, and the general desire of almost everyone to get something for nothing are not healthy signs here in the States. We need more character and less speculation at the moment. It, of course, is true that men make values, but let us not forget that souls make men.

## It Pays to Stay With the Job

Do you remember the childish superstition about the pot of gold, buried where the rainbow touched the ground? But no one has ever found the end of the rainbow.

Many a poor wanderer has followed the glittering lure of "easy money," only to return after wasted years, weary in body and broken in spirit.

The home stayer and the home makers are men who find prosperity and happiness.

The worker who wanders from job to job, and from town to town, is following a rainbow that has no end.

Serve your own selfish interest by staying with the employer who pays a just recompense for your skill and energy.

Invest years of faithful service. Your reward will come in promotion, and your employer's good will.

There are days when men are too few for the work that must be done.

There HAVE been years (and may be again) when men were plentiful and jobs were few.

When the day comes, that men must be laid off, be one of the workers selected to stay.

Your employer isn't deaf and dumb and blind.

If he knows the men who are loyal, when the temptation to follow the rainbow lure is strong.

Keep to the work you know best—it's a necessity now, and good business ANY time.

Opportunity can be spelled with four letters—WORK.

## A Prescription—Try it Out

If you are poor—work.

If you are rich—continue to work.

If you are burdened with seemingly unfair responsibilities—work.

If you are happy—keep right on working. Idleness gives room for doubts and fears.

If disappointments come—work.

If sorrow overwhelms you and loved ones seem not true—work.



# Canada Lumberman

founded 1880

The National Lumber Journal for Forty Years

Issued on the 1st and 15th of every month by

## Hugh C. MacLean Publications

LIMITED

THOS. S. YOUNG, Managing Director

G. B. Van Blaricom, Editor

HEAD OFFICE - - - - 347 Adelaide Street, West, TORONTO

Proprietors and Publishers also of Electrical News, Contract Record,  
Canadian Woodworker and Footwear in Canada.

VANCOUVER - - - - - Winch Building  
MONTREAL - - - - - 119 Board of Trade Bldg.  
WINNIPEG - - - - - 302 Travellers' Bldg.  
NEW YORK - - - - - 296 Broadway  
CHICAGO - - - - - 14 West Washington Street  
LONDON, ENG. - - - - - 16 Regent Street, S.W.

### TERMS OF SUBSCRIPTION

Canada, Great Britain and British Possessions \$3.00; United States \$3.00;  
other Foreign Countries \$5.00. Single Copies 20 Cents.

Single copies, 20 cents.

Authorized by the Postmaster-General for Canada, for transmission as  
second-class matter.

Vol. 43

Toronto, May 1, 1923

No. 9

### Keeping to the Forefront in Business

There are many problems which the retail lumberman has to face. They cover a very wide range and, perhaps, he does not get one difficulty removed before another presents itself for adjustment. The man who is forging to the front in business today is he who feels that he has not mastered every detail of his calling and is willing to learn. No matter how many years he has spent in a trade, he discovers that by rubbing shoulders with other men and coming in contact with other institutions and associations that he can pick up some pointers. He cannot do this by seeking to live only to himself, he must mix with other men engaged in the same vocation.

No one man or firm has all the ideas that are extant or possesses a monopoly of brains and foresight. He may lead in one line today but is liable to lag behind tomorrow in another. It is only with watching every avenue of activity, every detail of development and giving the closest attention to purchasing, stock, delivery, service and collections he builds a strong mercantile structure that can withstand the attack of dull times and diminished building operations.

A business may be conducted ever so efficiently but it can never reach as large proportions as it otherwise would unless it is bolstered up by advertising. The most progressive organizations in the country and the liveliest merchants in every centre are generally the heaviest users of printers' ink and know the real value of well-directed publicity. There are comparatively few people still in business today who adhere to the old idea that advertising is not a trade builder. While volume of turnover has increased by reason of augmented population and enlarged wants, there is no doubt that a great deal of it is attributable to publicity of pulling power and attractive appearance.

It is relatively easy to sell a man something of which he is in dire need or has set his heart on but to convince him that he should spend money satisfying his social, recreational, intellectual or aesthetic proclivities, is quite a different problem. Here is where the strength and purpose of advertising comes in. It has made many lines of business bloom where there were no flowers before. Many a business man, who has built up his trade by publicity and has suddenly ceased to advertise, thinking that he was sufficiently well established and his wares widely enough known, has found that a decline has set in immediately after and eventually some competitor, who has kept unceasingly at it, has won the place which he formerly held.

Publicity is necessary all the time, but there are certain humans who seek to beguile themselves with specious arguments to the effect that advertising does not pay. They have tried it once or twice. They declare that it adds to the cost of goods and is not really essential in

connection with a staple, ordinary, everyday commodities such as lumber, lath, posts, flooring, shingles and builders' supplies. This is a sadly mistaken notion, for it is inconceivable that hundreds of thousands of successful business men would continue their vast publicity campaigns if such arguments as those outlined against the value and effectiveness of advertising held good.

Then again there are other people who think that advertising should do the whole trick; that it is a sort of amulet which will capture business without being backed up by service or quality. In every case it is necessary to deliver the goods. There is an old axiom to the effect that "the Lord helps those who help themselves," and the same reference might be applied to advertising. It aids those who seek to render worth and value in all dealings with both old and new customers.

Advertising, when well directed, wins repeat orders from former buyers, as well as new patrons, and it is on this evidence of confidence and continued patronage that great businesses are built. Repeat transactions are best for any business and particularly so in the lumber lines. He, who advertises wisely and well, lives up to his promises, is quick to settle any claims or disputes, keeps himself and his business clear of suspicion or misrepresentation and does the right thing at all times and occasions, is the one who wins out in the end and leaves a name that stands for all that is truest, best and most progressive in the community.

### The Growing Influence of Organization

The lumber trade of the Province of Quebec was, until a few months ago, without any active trade associations, either manufacturing, wholesale or retail. There was a small retailers' association in the city of Quebec and a limited association composed of the members of the Montreal Board of Trade. Previous attempts to form associations found poor response. The wholesalers of Montreal were the first to make any real move, this being followed by the retailers, with the result that Montreal now possess two active associations.

The retailers have made a further advance, and are forming a provincial-wide association. The Montreal retailers, under the presidency of J. P. Dupuis, have laid a substantial foundation for this wider organization. The meeting at which it was decided to expand, was very largely attended by dealers from all parts of the province. It looks, indeed, as if there is a widespread opinion that such an association is needed. A large number of retailers has been appointed to do missionary work in their districts and to report the result to a meeting in Montreal on May 8th.

The idea of dividing the province into eleven centres is a good one. Each centre will constitute a branch, holding meetings as required to discuss local and general trade subjects. Each will be in touch with the head office in Montreal through accredited representatives who will meet in Montreal at regular intervals. In an association of this character there is a tendency for the interest to diminish, owing to the fact that the majority of the members are too far away to be in constant touch with the central body. By means of direct representation this problem is largely solved and the interest thereby sustained.

Co-operative effort is the basic motive for extending the Montreal Association into one covering the province. The problems of the retailer are much the same whether he lives in the towns and cities or in the country districts, and the object is to secure unity of action in dealing with these. It is obvious that a strong organization is more likely to secure results than a weak one; its influence is greater and its field of activity wider. The promotion of friendly intercourse between retailers in different parts of the province is a side of association work which is not to be overlooked. Through an association of this kind men engaged in the same line of business are able to meet in a way not otherwise possible. This is especially true of a provincial-wide association where the monthly or quarterly meetings form a common ground for straightening out questions of mutual interest, for the cultivation of goodwill and for enlarging the social aspect in relation to trade matters.

### Watch Both Collections and Profits

In the management of any business a great deal of attention is given to service, stock, cost accounting, delivery, overhead, insurance, shipping, etc., but one of the things most neglected is the matter of collections. Many a dealer has gone down and under because he was too generous by nature or instinct. He sympathized too much with the other fellow; in fact, he could see the point of view of the plausible promiser or delinquent more quickly than he realized or was cognizant of his own pressing necessities. It should be remembered that a slogan heard some years ago contains more than a



modicum of truth. It is that a sale is only a loss until it is paid. This is perfectly true and it is the cash collected which counts rather than the volume of outgoing stock or drays of material.

Speaking the other day on the subject that prompt collections were essential to success, a leading retailer said that he had never known a dealer to go broke because he was too prompt a collector, but he did know of many who had succumbed because they allowed their customers to dictate the terms of payment. Continuing, he declared, "If you sell a man a load of lumber on time, amounting to \$80 or \$90, he is using \$80 or \$90 of your money without interest. It surely would be too bad if the customer allowed his indignation to rise because you asked him for the money belonging to you. I have noticed that the longer time you give a man, the harder it is to gather in the amount in arrears. Prompt collection is a success, almost beyond comparison."

Another thing pointed out by this retailer was that the lack of profit is often due to ignorance rather than any other cause. Dealers do not keep well posted on the markets, cost of doing business, the length of time accounts are to run, etc. Sometimes the yardman thinks he has made about 15 per cent when in reality he has not cleaned up 5 per cent, and sometimes has done business at a loss.

It seems that a certain co-operative yard in the West had its manager on the carpet for a shortage. The heads of the concern claimed that he had sold everything at a profit of 15 per cent. Their percentage of expense for doing the business, they maintained, was only 10 per cent on a \$70,000 business, or \$7,000 in all. 15 per cent profit, they contended, was \$10,500 or a net clean up of \$3,500, but it was not there. By some hocus pocus methods it had disappeared or, presto, a change had taken place. The crux of the matter was that this organization had only made a net profit of \$2,130 instead of \$3,500, for the simple reason that they added 15 per cent to the cost and thought they had 15 per cent on the sales. It makes a vast difference whether you reckon your profits on the cost price or selling price. The two should never be confounded, for when one computes a percentage of profit on the buying price and the expense on the selling price, there is a decided divergence, and in this case there was a leak of almost \$1,400.

Very frequently retailers are asked to "estimate" on this and on that. Some take a deal of time and go to a lot of trouble to oblige people from whom they may never expect, and probably never will get business. They do not for policy's sake like to turn inquiries or callers down flat, but at the same time they recognize that much of this "estimating" is of a fruitless character. One Western man humorously put it that, if he sold every bill on which he estimated, his plant would be the largest in Canada but, with a twinkle in his eye, he naively remarked, "When a dealer knows it is a non-productive customer, he need waste but a few moments in 'figuring.'" On a \$9,000 or \$10,000 house he can, with ten minutes' work, give offhand a price, whereas anyone, with an atom of knowledge regarding building, is fully aware that this is a job requiring hours—rather than minutes."

### Why not Extend Courtesy to Correspondence

The third week in April was observed in many centres as "Courtesy Week." The campaign was put on under the aegis and direction of the Kiwanis Club, who offered valuable prizes to school children for the best essays on courtesy. Every member of the organization and his friends were urged to make special efforts to see that politeness and civility held full sway and that the trials, acerbities and perplexities of everyday existence were ameliorated as much as possible by a spirit of urbanity and consideration.

It is hoped that the example set will continue to influence each community and that all business negotiations and transactions will be marked by kindlier feeling and more pleasant speech. In these days of rush and hustle we are inclined to be too gruff and surly, to neglect the little civilities which make agreeable the pathway of progress, and imagine that, by being sharp or acrid in reply, we are just a little different from our fellows. This is a miserable mistake. True culture and innate politeness are possessions which can be easily acquired by daily practice.

Courtesy, however, is a broader term than many suppose. It does not alone mean elegance of speech or exemplary deportment, but should be extended to other relations in life. Many men, who are thoughtful and considerate in conversation and conduct, are far from being polite or punctilious in the matter of meeting their letter-writing obligations. Inquiries, communications, memoranda and other messages are sent time and time again without any appropriate answer or even a formal acknowledgment.

It has been well said that honesty has a broader application than merely paying one's debts or never uttering an untruth. It implies being true to one's nature, to one's friends, to one's convictions and to one's ideals. The same interpretation may be made with respect

to courtesy. It is not only a matter of manners and mentality but also relates to epistles, both of a business and social character.

There are more flagrant breaches of correspondence courtesy to-day than in any other line of activity. So many persons and firms, unless letters spell an order or promise something in the way of direct financial return, or prestige, neglect entirely the acknowledgment of all communications. They possibly imagine that in so doing no harm or affront can result from the oversight. When later pressed to a point where a reply is necessary, the offender generally gets out of the dilemma by representing himself as being "exceptionally busy," "an oversight," "fully intended to answer," "letter got lost" or "mislaidd," "should have been attended to," etc.—excuses that are as flippant as they are frequent and might better not be proffered.

The various organizations which seek to cultivate courtesy in business might seek to extend its operation in other directions and see that it comprehends business correspondence as well as to conduct in general.

### The Vital Element in Mercantile Life

Confidence is a vital element in the lumber business. Without it, trade as carried on to-day would be impossible. How many transactions are executed on the mere word of the parties interested? How many sales and purchases are the results of telephone conversations, sometimes confirmed in writing and sometimes not? The entire basis of such deals is confidence that the goods will be delivered according to agreement by one party, and confidence that payment will be made by the other.

It sometimes occurs that this confidence is misplaced; that the goods are not up to grade on the one hand and that the money is not forthcoming on the other. Every trade, however, is seeking to build up a reputation for reliability and honesty either as a buyer or seller. Even firms which are known to act questionably, are anxious to create a good impression—it may be for their own gain, but there is still the desire to be well thought of by others in the trade.

We do business on reputation. The public buys on reputation. A man or firm reputed to be untrustworthy or tricky is not likely to go far; the man or firm may get a certain amount of trade, but the chances are that repeat orders will not be given or accepted if the buyer or seller has been once caught.

"What do you know about——?" is not an uncommon inquiry among men in a particular branch of business. Such inquiries are in essence directed to the reputation of the party concerned. As a rule, one hesitates to fill an order from a firm concerning whom we know little or nothing, but we have no such hesitation in the case of a firm with a good reputation or with whom other transactions have been satisfactory. A high financial rating is not everything—a reputation for fair dealing and for living up to obligations counts for a great deal. It is not without cause that many credit bureaus put strong emphasis on this side of business dealing—an emphasis born of a long experience in dealing with traders' affairs in many lines of commerce.

### No Man Can "Go it Alone"

There are three requisites for a successful business. They apply to your business, to any business. The first is a plan. The second is capital. The third is organization. And the greatest of these is the plan.

Assuming that you have the organization—that you, the boss, are the organization—and that you have the capital, which may be your own character and credit—have you the plan?

The plan must be a comprehensive plan—made up of detailed plans for developing new business and keeping it when you have got it.

The successful business of the future will be the business of ideas, of consistent planning, planning in such a way that you may not only meet changed conditions, but yourself change the conditions to your own advantage.

Ideas are often purely inspirational. More often they are adaptations and modifications of old ideas. It is no longer possible for a merchant or manufacturer to shut himself off from the activities of his fellows. Every source of inspiration must be tapped. The plans of your competitors in your own town and in other parts of the country are of vital concern to you. No man can "go it alone."

This is the reason why you should attend district meetings and your Association convention. As sources of inspiration and ideas these meetings are your largest and nearest supply.



# What The Lumber Trade is Doing in Canada

The Taylor Lumber Co., Limited, Winnipeg, was recently incorporated.

The International Fibre Board Co., Limited, is a recent registration at Montreal.

The Dutton Wall Lumber Co., Limited, have sold their local branch at Eden, Manitoba.

The Kootenay River Lumber Co., Cranbrook, B.C., will start at once on a new sawmill which will cost about \$20,000.

A. L. Eastcott, manager of the Pembroke Lumber Co., Pembroke, Ont., spent a few days recently in Toronto on business.

Forest fires recently destroyed twenty houses in a deserted camp of the Canadian Collieries Co., near Courtenay, Vancouver Island.

M. B. King, manager of the King-Farris Lumber Co., Vancouver, was in Toronto lately calling upon the trade.

John Fraser, of the Pine Lake Lumber Co., Pickerel, Ont., spent a few days in Toronto recently.

Maguire, Paterson & Palmer (Canada) Limited, Pembroke, Ont., have changed their name to the Canadian Splint & Lumber Corporation, Limited.

Kilgour Bros., 21 Wellington St. W., Toronto, makers of paper and cardboard boxes are making preparation for the erection of a factory at Windsor Mills, Que.

National Wood & Pulp Co., Limited, Montreal, was recently granted a provincial charter to manufacture lumber and pulpwood.

W. J. Merkel, of Milwaukee, Wis., vice-president of the Schroeder Mills & Timber Co., spent a few days recently in Toronto on business.

George W. Grier, of Montreal, vice-president of the Canadian Lumbermen's Association, spent a few days recently in Toronto on business.

A. E. Lloyd, of C. Lloyd & Sons, Wingham, Ont., and Mrs. Lloyd, who have been spending the past winter in various points in the South, have returned home.

The offices of the A. E. Gordon Lumber Co. are being removed from 705-706 Confederation Life Building, Toronto, to 1009 in the new Federal Building, corner Richmond & Sheppard Sts.

Brown Corporation, La Tuque, Que., is contemplating the erection of a new paper mill at St. Angele de Laval, Que. The company has purchased 400 acres of land and is preparing the ground for construction.

Arthur G. Bowler has resigned as the Montreal representative of the National Hardwood Lumber Association in order to represent the Johnson Lumber Company, Manchester, N.H. He is succeeded by R. Orr.

William Milne, of William Milne & Sons, North Bay, Ont., called upon Toronto friends in the lumber trade lately. He has just recovered from an attack of the 'flu, which confined him to his house for several weeks.

Howard Hesson, of W. J. Hesson & Co., lumber retailers, Sault St. Marie, Ont., paid a business visit to Toronto recently. He states that heavy snowfalls in April at the Soo have retarded early building operations.

W. H. Nelson, manager for G. Mason & Co., Limited, Midland, Ont., was in Toronto lately on business. The firm's cut of hardwood, which this season will amount to about 2,000,000 feet, and consist principally of maple, has been purchased by Edward Clark & Sons, Toronto.

R. B. Herron, late of R. B. Herron & Co., Tionaga, Ont., has embarked in the wholesale lumber line in Toronto, and opened an office in the Bohan Building, 33-43 Adelaide St. West, where he will specialize in all kinds of wood. P. L. Bonsall has taken charge of the office work for Mr. Herron.

R. J. Hutcheson, of the Muskoka Wood Mfg. Co., Huntsville, Ont., was in Toronto recently and attended the regular monthly meeting of the Wholesale Lumber Dealers' Association. During the progress of the proceedings he was called to the telephone and was informed that his plant at Huntsville had another narrow escape from being swept out of existence by fire. The roof of the boiler house became ignited but the flames were extinguished before fur-

ther damage was done. Mr. Hutcheson says that the hardwood flooring plant is operating satisfactorily and orders are coming in nicely.

The Haileybury Lumber Co., Limited, who are dealers in rough and dressed lumber have recently been organized and granted a charter. The authorized capital is \$100,000 and the capital subscribed is about \$40,000. The president of the company is M. J. Conkey, and the secretary H. C. Dunbar. The directors are H. F. Strong, J. D. McDonald and G. F. Summers.

The Canadian General Lumber Co. are removing their offices from the seventh floor of the Bank of Hamilton Building to the tenth floor of the Federal Building, corner Richmond & Sheppard Sts., Toronto. When all the floors of the building are completed, several other lumber firms will also take up their quarters there.

F. C. Manning, who for 21 years was with the Revelstoke Sawmills Limited, Calgary, and has resigned from that organization, was lately in Toronto on business. Mr. Manning is now associated with W. J. Lovering, of Toronto, in the Lovering Lumber Co., Limited, with headquarters at Wasa, B.C., and was a guest at the last regular monthly meeting of the Wholesale Lumber Dealers' Association, Inc.

B. C. Keeley, Coast manager of the Canadian Government Merchant Marine recently addressed the Rotary Club at Prince Rupert, B.C., and said that he was surprised to find the mills there not operating. He said the mills in Vancouver were working day and night, and recommended that Prince Rupert develop local cargoes which would mean the C.G.M.M. boats coming there. If only deckloads were available vessels would, nevertheless, come for such loads.

E. W. Backus, of the Fort Frances Pulp & Paper Co., Fort Frances, Ont., has purchased the holdings of the Rat Portage Lumber Co. It is understood that the transaction does not include the company's Pacific Coast interests. The Rat Portage Lumber Co., whose business interests centre in the Kenora district, was at one time one of the biggest operating concerns in Canada, and the head of the organization was the late Sir D. C. Cameron, Lieut.-Governor of Manitoba.

Toussaint Prefontaine, one of the oldest retail lumbermen in Canada, died in Montreal on April 18, aged 87 years. He retired several years ago from active business, which is now carried on under the name of T. Prefontaine and Company, Mr. T. Prefontaine being one of his nephews. The late Mr. Prefontaine was a brother of the late Hon. Raymond Prefontaine, for many years, Mayor of Montreal, and later Minister of Marine and Fisheries. He had been ailing for the past year. He was born in Longueuil and has always lived in the Montreal district.

It would seem that the \$2,000,000 pulp and paper mill, which Howland & Waltz intend erecting at Nelson, B.C., will be gone ahead with in the near future. The company will build a sawmill on part of the site which it has obtained for the paper plant. Gangs of men have been put to work clearing up the site and soundings of the bay have been secured with a view to constructing a boom capable of handling 1,500,000 feet of logs. The new sawmill will be in operation in a few weeks and will cut lumber to be used in the construction of the pulp and paper plant.

An item of much interest to shareholders of lumber, pulp, paper and other companies is that the Ontario Companies' Act is being amended so that any shareholders in a company may now receive a financial statement by merely asking for it, failing which there is a penalty of \$100. A sub-committee of the legal committee of the Legislature was appointed to consider the proposed amendment that "no payment or payments shall be made to the president, vice-president or any director of the company, other than as salaries to officers for actual services as manager, secretary or treasurer, in any year in which a dividend of less than five per cent. is declared and paid to the shareholders of the company."

D. M. Kean, of Orillia, Ont., who is well known in the lumber line says there is an increasing demand for lumber in his locality, and this applies to all grades and kinds, with prices steadily advancing. There has been more timber taken out in the vicinity of Orillia this winter than in any recent years. Mr. Kean specializes in hemlock, spruce and cedar and also maple flooring, and does considerable in lumber in transit. His cutting is done at Hampshire Mills where he runs several portable mills which he says will cut the finest of lumber. Mr. Kean, who is an Orillia boy, was born in that town and gained his experience with his late father who made a specialty of lumbering through his entire life.



## *A Man and His Business—Now the Biggest in the British Empire*

To conceive and create an organization of national scope and make it the largest industry of its kind in the British Empire—and all within the period of twenty years—reads more like a romance than an actual accomplishment. The man behind this great enterprise is Frank Kent, president of the Seaman, Kent Co., Limited, Toronto—another illustration of the utterance of Emerson that any great institution is but the lengthened shadow of some personality whose pluck and perseverance never let go.

At the back of this gigantic undertaking in the flooring field is one who has risen from the ranks and knows the process of wood production from the camp to the consumer. Mr. Kent spent several seasons in the bush, mills and factories getting first hand knowledge of operations and coming closely in contact with men and materials. He is practical and progressive and, in the face of setbacks amany and difficulties not a few, steadily persisted and won a foremost place as one of the forceful factors in national development.

The story of the inception and expansion of "Beaver brand" flooring in popularity and demand is an equally entrancing one. To-day the capacity of the plants of the company is two and a half million feet a month and the investment in factories, equipment, yards, warehouses, limits, etc., represents over a million and a half dollars. The Seaman, Kent Co. is an aggressive organization and its esprit de corps and co-operation are most marked. These characteristics extend into every avenue of the business with the result that quality, merit, dependability, attractiveness and beauty are distinctive of every foot of the output of an organization which has made the name of Seaman, Kent synonymous with that of hardwood flooring, not only in all the provinces of the Dominion but even in foreign fields.

To describe the process of its manufacture, the many operations, the equipment installed, the facilities required, the selling and distribution systems and other details, would only be a recital of routine whereas the readers of the "Canada Lumberman" are more interested in the men and the material. A few figures must satisfy. The dry kiln equipment of the company accommodates 925,000 feet, and the cooling shed capacity is, approximately, 300,000 feet, so that there is dry and cooling accommodation available at any given time of 1,225,000 feet. There is a storage track capacity, for lumber ready for the kilns to the extent of 250,000 feet. The company have, therefore, on hand 1,500,000 feet of lumber constantly on kiln tracks.

The Seaman, Kent Co. believe that quality tells and that every expenditure in the way of care of the finished material is amply justified. The building trade knows that lumber cannot be properly dried and treated in kilns doing custom work. To ensure lumber going to the machines in perfect condition, ample kiln capacity is essential right at the point of manufacture and the process must be supervised by men who are proficient in this particular line. Seaman, Kent Co. recently enlarged the cooling sheds at West Lorne, Ont., which plant, owing to the large number of orders, on hand, is now running both night and day. The other factories of the company are located at Meaford and St. Agathe, Que., and there are modern warehouses in Toronto, Montreal, Winnipeg and Edmonton.

Rigid regulations provide for a thorough examination of every foot of hardwood flooring that goes from the mills. Selecting and grading are an exact science with the firm and the purchaser is assured that his completed floors will not run below the standard selected.

Much more might be said regarding the enterprise and development of the Seaman, Kent Co. who are enthusiastic exponents of publicity and have made known far and wide the attractiveness, durability, cleanliness and sanitation of hardwood flooring. The

propaganda carried on by them has done much to banish the daily drudgery of household work and make inviting the interior of many a Canadian home. The work has also broadened the business of the average retail lumber dealer, extended the activities of contractors, improved the appearance of many edifices and generally placed structural art on a higher plane.

From the forest tree to the polished floor of my lady's salon, banquet hall or assembly room is a story symbolic of the Seaman, Kent Co. Yet when all is told, it must be remembered that back of the institution there is the so-called human element which runs through the entire personnel of the organization. Many heads of the departments have been for years in the service of the firm, and loyalty and devotion are qualities which tally in the widening and welfare of any business.

The staff, which now consists of over three hundred, has been stimulated by the example of the president and general-manager. Mr. Kent's hobby is work and more work, and yet he is a man who is bigger than his business. His life has not run solely along one groove or been confined within shop or office walls. His sympathies and work are cosmopolitan in character and freely has he given of

his time and talent to public, philanthropic and humanitarian enterprises. While through initiative and foresight Mr. Kent has built up a company, the largest of its kind under the British flag, he has demonstrated that he is a man of generous motives and wide sympathies. For several terms he was Mayor of Meaford where he resided for many years until the company removed its head office to Toronto in 1920 and became incorporated. He is a director of the West End Y.M.C.A. and chairman of the Boys' Farm Committee of the Rotary Club.

At a recent meeting of the Wholesale Lumber Dealers' Association in Toronto, Mr. Kent gave a short review of the great task which he and others are helping to carry out among the under-privileged boys of the city. A home is being conducted at Wilcox Lake, North Yonge St., to look after lads whom Judge Mott of the Juvenile Court considers worthy of being given a chance rather than sending these erring ones to prison or a detention home. Mr. Kent believes that the father should be a companion to his boy; should try to enter into his son's life, understand his aims and ambitions and spend considerable time with the lad. It pays in every

way, not alone in morals, but in manhood. Much more might be added but a few of the sign-posts of a successful career have been pointed out.

Mr. Kent was born near Bowmanville just a year before Confederation and spent several years in Bruce County, after which he came to Toronto and became an apprentice in a furniture factory at the low wage of \$2.50 per week. Less than twenty years ago in the upper flat of a factory on Northcote Ave., with only a hundred dollars borrowed capital, his real start was made in the flooring line. He would go out and sell the product in his spare time and during daylight hours see that it was turned out. Quality was his slogan and he gained the confidence of his consumers and built up surely but steadily a connection with the trade which has to-day made possible the premier position held by the Seaman, Kent Co.

Soon after starting a factory in Meaford, which town afforded splendid water shipping facilities, the plant was destroyed by fire, entailing a loss of over \$100,000. Mr. Kent did not sit down and bemoan his fate for he is a man who has never lost faith in the future, possessing both vision and optimism. Rebuilding operations were soon under way on a larger scale, and from that period down to the present the business has shown a gratifying gain. To-day Seaman, Kent is recognized as a great Canadian institution, financed, managed and operated by Canadian capital, brains and brawn. It is an achievement outstanding in the industrial interests of the Dominion.



Frank Kent, Toronto



# Activities of Lumber Trade on Pacific Coast

Lumber mills in Northern British Columbia along the line of the Grand Trunk Pacific will soon have an opportunity to enter the export business if arrangements now under way with the Canadian Government Merchant Marine are consummated. The plan is to have ships of the Merchant Marine make regular calls at Prince Rupert thus enabling the mills of that district to book orders for export shipment by water. B. C. Keeley, superintendent of the C.G.M.M. pointed out in an interview that lack of tonnage was the reason why their boats did not include Prince Rupert in their regular port of call but any plan to develop lumber shipments from B.C. would have the support of his company and to show that this was no idle boast, they were prepared to offer a reduced rate out of Prince Rupert of one dollar per thousand feet.

The Ontario lumber retailers may be wondering why the price of doors from the Pacific Coast are still being quoted "firm to higher." The following news item gleaned along the waterfront of Vancouver by "Canada Lumbermen" correspondent may throw a little light on the subject: "The ocean liner "Cardiganshire" is in port loading. Included in her cargo is a parcel of 15,000 doors for England." They may also be holding back orders waiting for a slump in shingle prices. In that event, the fact that the steamer J. L. Luckenbach is in port loading twenty million shingles for the Atlantic seaboard, may be of interest.

The Summerland Lumber Company Ltd., has commenced manufacturing lumber at its new mill at Myren, on the Kettle Valley Railroad. In addition to the cut of this mill, the company has contracted for the entire output of the mill at Shingle Creek. As Summerland is situated in the heart of the fruit belt of B. C. the greater part of their output will be manufactured into box shooks.

Up in the Nicola Valley, in central British Columbia, where irrigation is essential to a successful harvest, a large dam to hold the water of Mamette lake has recently been constructed. To complete the scheme of supplying the adjacent lands with water a large amount of flume work is necessary. This work, necessitating an expensive outlay for lumber and not being in close proximity to a lumber mill but having sufficient timber on their lands, prompted the erection of a sawmill. The mill has been built and is now in operation, under the management of Dodding and Tyner. The combined stand of timber is estimated at eight million feet, and after sufficient has been cut to meet private needs, outside business will probably be sought.

Reflecting general advancement in the trade of the Port of Vancouver a compilation of export tonnage figures prepared by the Vancouver Merchants' Exchange shows that in the first three months of this year there has been a decided increase compared with the corresponding period in 1922, lumber and shingles being responsible to a large extent for this increase.

Lumber exports to United States ports for the three months since January 1 are about three times as great as in the corresponding three months of 1922. In 1922 the exports were 5,915,488 feet, while this year to date the exports are 16,960,000 feet.

Last year for the period January 1 to March 31 the port exported 175,483 bundles of shingles to New York. This year the amount exported to that market for the same period is 905,734 bundles.

British Columbia is famous the world over for its towering mountain peaks and tall trees. Now comes the announcement that this province will shortly be able to boast of the largest smokestack in the Dominion to be erected at Powell River for the Powell River Pulp & Paper Co., Ltd. The big stack will be 280 feet high with a diameter of 21 feet at the bottom and 15 feet at the top and will be of concrete and reinforced steel construction. This chimney is part of a \$500,000 steam power plant in course of erection by the company.

A. T. Davidson, who is in charge of white pine blister rust control operations in British Columbia is busily engaged making observations and experiments in connection with this work. He left recently on a trip along the Pacific Great Eastern Railway where experimental plots will be established. All species of native wild ribes and Western white pine will be planted and later exposed to the rust. In this way the susceptibility of the different plants to the disease will be discovered. All the specimens which will be planted come from parts of the Western coast where it is known that there is no disease.

An interesting action is pending in the British Columbia courts between the Penticton Sawmills, Limited and the DeMuth, Broderick Lumber Co. regarding certain timber limits at Kirkton. The Penticton Sawmills Limited allege a right under contract to a balance of 500,000 feet of timber from the Kirkton limits, while the defendant company maintains that owing to the Penticton Sawmills Limited having failed to live up to the contract it is released from the agreement, and has therefore refused to deliver further logs. The first step in the action has been the obtaining of a temporary injunction by the Penticton Sawmills, Limited, restraining the other company from dealing with the timber until the rights of the parties have been decided by the courts. An important feature of the case which will be of interest to the logging industry in general centres around the question of what is "bush run" in logging operations.

Announcement comes from Cranbrook of a new lumber manufacturing concern for that district. The name of the Company is the Kootenay River Lumber Company, the Principals being Malcolm Horie, George A. Leitch, T. M. Roberts, M. A. Beale and J. A. Arnold, all well-known lumber men of the interior district. Operations will commence early in May with a daily capacity of 25,000 feet. Mr. Malcolm, for many years a foreman with the East Kootenay Lumber Company, will have charge of the mill.

H. G. Wells, formerly of the Wells Lumber Company, Seattle, Wash., is now connected with the Allen-Stoltze Lumber Company of Vancouver. Mr. Wells is well known in lumber circles on the coast and is no stranger to Vancouver. He was given a fitting welcome into the ranks of the B. C. Lumber Wholesalers Association at their weekly luncheon last Wednesday.

The S. S. Heathfield is at the Great Northern docks, Vancouver, loading a large cargo of general lumber and timbers for shipment to Montreal. The entire order is being filled by the Rat Portage Lumber Co. Ltd.

A fire on April 9th completely destroyed the small mill of the Beaver Lumber Company at Port Alberni, on the west coast of Vancouver Island, owned by Mr. Norman McEachern.

Horace W. Brownlee, 30, manager of the Beaver Lumber Company's yard at Rosetown, Sask., was fatally injured recently when a ladder on which he was descending from a lumber rack in the yard slipped from under him. He fell about ten feet, head first, sustaining a fractured skull, and died a few hours later without regaining consciousness. The late Mr. Brownlee was a native of Carleton Place, Ontario.

Among the companies incorporated in B. C. during the week ending April 14th were the following: The B. C. Timber Lands, Limited, a public company with a capitalization of \$4,000,000. Head office, Vancouver; Brunette Lumber Co. Ltd., New Westminster. Capital \$700,000; Port Moody Lumber Co. Ltd., a private company capitalized at \$350,000 with head office at Vancouver.; Yale Lumber Company, Limited, \$25,000, Vancouver; Nelson Lumber & Manufacturing Co. Ltd., \$15,000.

Andrew Haslam, for many years prominently identified with the lumber industry of British Columbia, and a pioneer of the province, passed away at his residence in Vancouver on April 9th at the age of 77 years. A native of Donegal, Ireland, Mr. Haslam came to Canada in 1861 and settled in New Brunswick where he remained for nine years. At that time the call of the West and the possibilities which it held out for the young man of energy and ambition determined Mr. Haslam to try his fortunes in this new country. Accordingly he left New Brunswick and after a year or two in Manitoba arrived in British Columbia in 1874 where he became associated with the late John Hendry and David McNair in the Royal City Sawmills at New Westminster. This partnership existed for six or seven years when Mr. Haslam removed to Nanaimo, on Vancouver Island where for many years he successfully operated the Nanaimo Sawmills Co. Ltd. He also represented that city in Provincial Legislature for several years and was a member of the Federal house from 1894 to 1896, being at this time a leading figure in the public life of the Pacific Coast. After retiring from active operation in the lumber manufac-



turing business Mr. Haslam located in Vancouver and organized the log scaling department of the Provincial government, becoming supervisor of that branch of work.

As a result of heavy demands for British Columbia lumber both for export and rail shipment, logging companies are this month swinging into a summer season which, it is predicted, will be the most active for many years. New camps up and down the coast as well as in the interior of the province are opening up and many of the older ones are preparing to nearly double their output.

The demand for loggers has come like a siren call and practically every man who can "swing an axe" is now in the woods. Present production is now well above the average, the estimated value of the monthly cut being over \$2,000,000, and with favorable working condi-

tions and if the forest fires do not hinder production to any serious extent, all logging operations are united in the prediction of a most prosperous and active year in this phase of the lumber industry.

Kenneth Barr, formerly with the Allen-Stoltze Lumber Co., of Vancouver, is now associated with Hanbury Timber Products, Ltd., wholesale lumber dealers of this city.

S. C. Smith, of the Smith Lumber Co. Ltd., Vernon, B. C. was a recent visitor to the coast. He reported conditions good in the interior mills, lumber from his mill being now shipped into the Ontario market in competition with the products of the coast mills. He was strongly of the opinion that lumber prices would hold firm with every indication of a raise in certain grades.

## Timber Industry Jottings from Busy East

In a recent issue of the Royal Gazette published in New Brunswick a proclamation appeared, issued by the Minister of Lands and Mines, under authority of the Forest Act of 1922, in which all forest land in the province is proclaimed "a protected area." As a result any person desiring to go fishing, hunting, etc., must obtain a permit from a fire warden, councillor, game license vendor or other person duly authorized. The certificate secured must be produced when requested by any fire warden or other authorized person. Penalties for non-compliance will not be less than \$10 and not more than \$100, or thirty days in jail. This action is deemed necessary by the government in a determined effort to prevent a repetition of the immense forest fire damage of recent years as a result of carelessness or thoughtlessness of those entering the forest on pleasure expeditions. By having the certificate it is hoped that all those entering the woods will keep in mind the necessity for great care in preserving the forests.

George McKnight, operations manager of the Nashwaak Pulp & Paper Company at the Nashwaak district, has announced that the river will be open soon. It is estimated that there will be about eighteen or nineteen million feet of logs to come out of the Nashwaak this season. The Nashwaak Pulp & Paper Company has fifteen and a half million feet of new logs with a few hundred thousand feet of old lumber. The S. Douglas Lumber Company, Limited, has three million feet, the River Valley Lumber Company has about one million feet, and the Fraser Companies Limited a small amount.

On the Nashwaak River the drives have been under way for some time and there was fear that the water would fall so rapidly that the drives would hang. The drive on the Nashwaaksis was out on the 17th and the first bank of logs arrived at Springhill that same day.

Preparations are being made in mills about St. John for the opening of the season. The St. John river is expected to be open for navigation about the first of May and an opportunity will then be had for the towing of logs from the booms.

Shou Tudo, of Tokyo, passed through St. John recently enroute to Cambridge University. He said that a good business could be done by Canadian lumbermen in exporting lumber to Japan as his people are now building more after the western fashion and Japan could not supply the lumber.

Alfred West, of Coles Island, Queens County, who was in St. John recently said that the heavy snow fall in that section of the province had curtailed the lumber cut on the Canaan River by at least one-third. He also told of the heavy snow driving deer from the forests into the lumber camps where the men cut hardwood brush for them to feed on. The animals were so weakened by lack of food that the men could walk among them and they would hardly move out of their way.

Alexander Barnhill Holly, a member of the firm of James Holly & Sons, prominent lumber surveyors, owners of the South Bay Booms and tug boat operators, died on April 20 after a short illness. He was the son of James Holly, who passed away some twelve years ago and upon whose death the business was taken over by the two brothers, B. Holly and Murray McL. Holly. The business will in future be carried on by the latter. Besides his wife he is survived by his brother and two sisters.

F. C. Beatteay, managing director of Stetson, Cutler & Companies large mills in St. John, recently returned from an extended tour to the continent. During his absence the business was carried on under the supervision of his son Allan C. Beatteay, who is conceded to be one of the cleverest young business men in the lumber industry in these parts.

Chief Forester, G. H. Prince of the Department of Lands and Mines, has returned from Montreal and Quebec, where he held a conference with Chief Forester Piche of Quebec in reference to co-operative policies for the prevention of fires along the provincial borders. He announced that a suitable arrangement had been made.

The following statement has been given out by the St. John consular district, with regards to lumber shipments made to the United States for the quarter ending March 31, 1923. They show a marked improvement over the corresponding period of 1922 and augurs well for the remainder of the season. This report was published by H. S. Culver, American Consul in St. John on April 21:

Rough spruce pulpwood .....	\$ 1,512.00
Rossed spruce pulpwood .....	1,470.00
Peeled spruce pulpwood .....	6,566.00
Peeled poplar pulpwood .....	1,180.00
Spruce lumber .....	191,320.45
Hemlock lumber .....	697.14
Pine .....	14,553.49
Laths .....	389,829.64
Shingles .....	Nil
Cedar lumber .....	175.20
Fir lumber .....	461.45
Wood pulp .....	431,150.40

Total ..... \$1,038,915.77  
Total for corresponding three months of 1922 .. 582,220.10

Many friends in the province heard with regret of the death of Robert Hudson Montgomery, which occurred at his home in New Richmond, Quebec. He had considerable business with lumbermen in all parts of the Maritime Provinces and was highly esteemed by all.

### Canada's Youngest Wholesale Lumberman

Douglas A. Stalker, of Sherbrooke, Que., who carries on an extensive business in spruce, hardwoods and Coast materials, is we believe, the youngest wholesale lumber merchant in Canada. He is only twenty-three years old and has formed a strong connection with the Boston and New York markets and the trade in the Eastern provinces. This season he has bought the output of five mills. Mr. Stalker is a son of A. G. Stalker, who for many years has been superintendent of Williamson & Crombie, Kingsbury, Que. There the subject of this reference was born and, after finishing his education at St. Francis College, Richmond, he decided that he would like to follow the pursuit of lumbering. During the war his father, who was a captain (Reserve) in the 54th Battalion, reverted to the rank of a lieutenant and went overseas with the 171st Quebec Rifles, under the command of Sir William Price. For three years he had charge of No. 27 Company, Canadian Forestry Corps, in its operations in France.

Meanwhile young Stalker, who was then in his teens, was learning the lumber business at home and gained experience in the bush, the mill and the office with Williamson & Crombie. His last position was that of accountant, and his next move was in joining the Fletcher Pulp & Lumber Co., now the Fletcher Corporation, of Sherbrooke. He was yard superintendent and later was engaged on the purchasing and inspecting staff, after which he decided to start out on his own behalf. He has now been going two years and has an office at 122 Wellington St., Sherbrooke. In addition to all lines of lumber, he handles lath and pulpwood, and reports that the prospects of increased business during the coming season are very bright. R. J. Stalker, who is associated with S. P. W. Cooke, of Toronto, is a brother of D. A. Stalker, who recently spent a few days in Toronto on business and called upon a large number of members of the trade.



### Mr. Reid did Some Fishing Down South

John B. Reid, honorary-president of the Ontario Retail Lumber Dealers' Association who, with Mrs. Reid, has been spending the last six months at his winter home in St. Petersburg, Florida, has returned to Toronto. Mr. Reid has a comfortable, attractive residence in the southern city and greatly enjoyed the past season. He is an enthusiastic angler, as everybody knows, and no matter where he may happen to be, his fishing pole is always kept handy. With three friends he recently went on a day's sport in the Gulf of Mexico. The catch which was only an ordinary one, numbered 51 piscatorial prizes.

The accompanying picture shows the result of the expedition which lasted a little over four hours, and the weights of the members of the finny tribe ranged from 6 to 18 lbs. each. Nearly all are king fish but the three large ones seen in the front of the view are known as groopers. They tip the beam at from 12 to 14 lbs.



The winter home at St. Petersburg, Florida, of John B. Reid, Toronto. Above is seen the harvest of a few hours' angling in the Gulf of Mexico. Mr. Reid is the second figure on the left.

each. As a result of the angling jaunt, the party, (two of the members of which were over 80 years of age), landed 47 kings, 3 groopers and 1 mackerel, and had a pleasant time. Mr. Reid says that groopers are as hard as a donkey would be if caught by the tail, but that the kings are the most beautiful-appearing fish one would desire to see when they come out of the water. They have no scales and look exactly as if they were silver-plated. Mr. Reid added that he expected to get in touch with the tarpons next season. These fish weigh from 15 to 50 lbs. each.

During the last days of April, Mr. Reid devoted some of his time to salt water bathing to try and get some of the "fire" out of his face and nose and make these facial features fit for northern society. He also got rid of all his duties as vice-president of the Canadian Club at St. Petersburg which closed its season in March.

In an interview Mr. Reid said,—"We had a grand winter at St. Petersburg, not too hot, much cooler than last. The average temperature was from 70 to 80 degrees all the time with just enough rain to make it right. The greater part of the tourists left for home early in April. There is a heap of building going on in St. Petersburg, structures amounting to about three million dollars being

under way. There are several new hotels getting ready for next season and many other buildings taking shape. Lumber and all builders' supplies in St. Petersburg have gone up twenty to twenty-five per cent since the first of January."

### May Remove Sawmill to Stratford

The Goderich Mfg. Co., Limited, of Goderich, Ont., at the head of which is J. E. Baechler, say that the extensive rebuilding operations which they had intended carrying out, are in abeyance at the present time. The company made a proposition to the council of Goderich to close up certain streets and Maitland Road, stating that if this was done, they would rebuild the burned portion of their plant and also go into the salt business. Mr. Baechler says they have been unable to get the town to do anything in the way of closing the thoroughfares, according to the proposition submitted, and his company are now considering taking their entire sawmill business to Stratford early next fall.

The Goderich Mfg. Co. who ship very many carloads of logs yearly into Goderich, nearly all of which pass through Stratford, say they would save several thousand dollars annually in freight if their cutting up plant was located in the Classic City. Stratford is their nearest western divisional point and has several different branches running into it. The company could bring in logs on all the different lines and have a much shorter haul than they have into Goderich. Not only would the extra freight on the logs coming in be saved, but also a large amount on lumber shipped to the United States and other far-off points.

The company state that the hardwood situation at the present time is very good and inquiries are coming in from many quarters at present. Prices are firm and there may possibly be a further advance until such times as the year's cut is ready for shipment. There does not seem to be a very great demand for No. 3 common in elm and maple but all the No. 2 and No. 3 common in basswood and the upper grades of other hardwoods can be readily disposed of.

### Big Demand for Portable Sawmills

The Brady Machinery Co., Limited, of Traverse City, Mich., report that the prospects in the lumber industry are decidedly bright if operators take advantage of modern machinery. The company, who are manufacturers of portable sawmill equipment, say that it is not profitable under the most favorable conditions, to put a 12 in. log on a big carriage that is built heavy enough for a 48 in. log as it requires a lot of power and two or three men besides the sawyer to operate the latter. When skilled labor is scarce as it now is in Canada, the successful operator should look to the use of modern labor-saving machinery.

In reference to the "Cadillac 404" portable sawmill, which is operated by one man, the Brady Machinery Co. report they are receiving so much correspondence regarding this mill that they would appreciate it if those who desire data concerning it, will state in their first letter the kind and size of logs and other conditions that will assist the firm to quote intelligently regarding their needs. The Brady Machinery Co. ask this to render better service to their customers.

They have recently installed in the Cadillac Veneer Company's plant at Cadillac, Mich., one of the "Cadillac 404" for handling their veneer cores and short logs. The Cadillac Veneer Co. is a progressive concern who believe that all times are good to the man who equips himself or his factory to meet conditions.

### New Chief Inspector is Appointed

Wm. H. Nelson has been appointed to the position of chief inspector of the National Hardwood Lumber Association, of Chicago, to fill the vacancy caused by the resignation of Frank R. Buck. Mr. Nelson has been engaged in the lumber business for the past fifteen years and was selected as a national deputy inspector to assist in the Memphis market five years ago. Subsequently he served in the Cincinnati, Louisville and Nashville districts and was appointed to take charge of the New York City district in the spring of 1922.

It is likely that one or two field assistants will be appointed to aid Mr. Nelson and thus ensure every one of the staff inspectors being brought in close contact with the present official interpretation of National inspection rules. In the official bulletin recently issued by the N.H.L.A. it is stated that this is a new departure and one of its provisions does away with the rule of having one man conduct all re-inspections, as heretofore, and also contemplates more frequent visits to members on the part of the chief inspector or field superintendent or his assistants than have been possible in the past.

The twenty-sixth annual convention of the National Hardwood Lumber Association will be held in Chicago on June 13th, 14th and



15th. The convention headquarters will be at the Congress Hotel, and it is expected that there will be a very large attendance.

The James Shearer Co., Limited, of Montreal, is among those who have recently joined the N.H.L.A.

### Pioneer of Yukon Days Passes Away

One of the most picturesque figures in the history of Canada passed out recently when Col Joe Boyle, a former Woodstock, Ont., resident died in London, England. He was known all over as a Klondyke pioneer of great resource and courage.

The late Col. Boyle was born in Toronto in 1867 but had resided in Woodstock since he was a lad. He had a most spectacular and eventful career. It was in 1891 in the early days of the gold rush to the Klondyke, that Joe Boyle fell in with Frank Slavin, a pugilist, and together they made their way to Dawson City. Things broke badly for the pair in the north country and the colonel was in dire straits. He came out to secure supplies for the starving miners, and while organizing a relief expedition, times brightened and the Woodstock man went to Ottawa and secured large land concessions and went back to try his luck. He worked hard until he made sure he had struck something good and then in order to develop his claims, formed what was known as the "Canadian Klondyke Mining Co."

Col. Boyle was well known in connection with the lumber industry and established the first sawmill in the Klondyke, supplying lumber for the making of sluice boxes for the miners. Before the mill was established he engaged in the whip-sawing of lumber and other crude methods of manufacture. Among those who speak with much interest of those early days is Hugh A. Rose, of Toronto wholesale lumberman, who was then in the Yukon.

During the war Col. Boyle equipped and sent overseas a machine gun battery composed of fifty picked men and thus did splendid service at the front. Following the Armistice, Col. Boyle was appointed an Extraordinary Commissioner for Roumania. During the past year or two he had been engaged with the Royal Dutch and Shell Transport Company in seeking oil concessions and developing oil wells in various parts of the Near East.

### New Retail Yard at Scarboro Junction

The Comrie-Grierson Lumber Co. have opened a retail lumber yard at Scarboro Junction, Ont., and will deal in lumber, lath, shingles, interior trim, doors and builders' supplies. The yard is located on the Grand Trunk main line to Montreal. Suitable buildings have been erected and operations are now in full swing.

R. Comrie, head of the company, has been connected with the lumber industry for many years and has had experience in both the retail and the manufacturing ends. He put in the ground work with a well-known firm of importers on the East coast of Scotland, and since coming to Canada, fourteen years ago, has acquired a wide knowledge of the business in Ontario. For the past six years he has been with the Herman H. Hettler Lumber Co., Midland, as office salesman.

Mr. Comrie's partner, H. U. Grierson, is a lumberman of many years' experience, having been connected with the well-known lumber firms of Gillies Bros., Braeside, and the Herman H. Hettler Lumber Co., Midland. For the past eight years he was yard superintendent at Manley Chew's mill in Midland. The new company starts off with bright prospects and should have a successful career.

### Sir Clifford Sifton on Replacing Forests

That the millions of logs taken from the Canadian forests this spring represent a destruction of "capital" and that the Governments should spend large amounts on restoration without computing costs on an interest basis, is the interesting contention of Sir Clifford Sifton in a letter to the Canadian Forestry Association. "In my judgment the money spent in planting trees should not under any circumstances be regarded as an investment upon which interest, either simple or compound, should be calculated. I regard the cutting down of merchantable trees as a destruction of capital and I would think it was the plain duty of the Government which permits the cutting down of such trees and derives a revenue therefrom, to insist on the replanting of at least two trees for every one cut down and that such cost should be taken out of the forest revenue and regarded as a permanent charge upon that revenue."

### Colonel Greeley Foresees Timber Famine

A "timber famine" already has begun in the United States, and will become worse before it can get better, was the assertion of Colonel W. B. Greeley, Forester of the United States Forest Service,

testifying before the Senate Special Committee, headed by Senator McNary, in Washington a few days ago.

Col. Greeley admitted that his views were not generally shared by lumbermen, but he took the ground that reforestation would be largely a matter of private ownership and business, provided the state gave adequate protection against fire and a system of taxation adapted to the necessary long period of tree growing. Many lumbermen, he said, believe that private capital will not generally undertake reforestation because of the long wait necessary before returns can be realized.

Colonel Greeley said the total of standing merchantable timber is 2,200,000,000,000 board feet, and that the ratio of depletion to regrowth is about four to one. Theoretically, without change in present conditions of regrowth and depletion, American forests will be exhausted in thirty to forty years. Experienced lumbermen, however, ridicule these statements.

While the actual amount of standing timber is still large, though 1,500,000,000,000 below what it should be to balance depletion and new growth, Colonel Greeley maintained that in effect the principal lumber using parts of the country are now suffering from "timber famine," resulting from the high freight rates caused by the long distances of the remaining forests from the consuming centres.

Lumbermen in New York say that except in a few states the timber situation is about the same as it was fifty years ago. Paper-making takes the greater part of the forests, but as Canada supplies the material for this, the United States is not affected to any great extent.

### Best Way to Meet Mail Order Competition

There were two subjects that came up for discussion at a recent retailers convention says C. H. Ketrige, of Evanston, Ill., in the "Mississippi Valley Lumberman." One was, "Should the dealer sell the completed buildings?" and the other, "How shall we finance building operations?" Both of these questions have been forced upon the retail business within the last few years by the mail order concerns that are making of this a special feature that is causing trouble for dealers in some parts of the country. It began to make its appearance some time ago in the form of the ready-cut houses. Now the proposition has developed into selling the house completed and financed as well, if so desired.

The terms on which this financing is done are very alluring to the man with small means and wanting a home of his own, and he pays for it in monthly installments as he would pay to the landlord in form of rent. All the while, he is living in the house. This is pretty hard competition to the average dealer who is not accustomed to anything of the kind. It will probably be some time yet before this competition will become in any way general, but there is a lot of money in this country that is seeking investment and these large mail order concerns can get all they want of it.

It was a matter of news in the daily papers some two months ago that a certain well known life insurance company had appropriated one hundred million dollars to be invested in home building operations. I was informed by a party who knew the facts that apartments were now being built in New York City under the direction of the supervising architect employed by the insurance company, the rental of which would be at a monthly rate of \$9.00 a room. Although my informant did not say so direct, I inferred from his conversation that his concern had a contract for furnishing a certain part of the building supplies. The statement surprised me, and I was careful to be sure of what he said regarding the room rental.

There is no question but that a considerable part of the high rentals being charged for the new apartment buildings is due to the speculative element, and charges for underwriting the transaction. A friend of mine wanted to negotiate a loan for the erection of a commercial building and found that he would have to pay a total interest and charges of 13 per cent for the money.

In one of the sessions last winter, it was suggested by a member that as a portion of the life insurance money came from the country towns, it was no more than reasonable that a part of it should be made available for financing home building in these towns. Of course, this would have to be done through some responsible agency.

The average country town is starving for the need of money wherewith to build homes. Strange to say there is often ample money in the place to do it with, but it is not made available for the purpose. Bank deposits are used for making short time loans and purchasing commercial paper, and this, too, with surplus money of the community. Probably thirty or forty per cent of the people there are paying rent for where they live, this money goes to the landlord and he adds it to the deposits in the bank. The bank loans it out and makes a profit on it, and so the renter is drained of what little he has, with nothing to show for it but some rent receipts.



## News of Lumber Industry in Short Shape

The members of the Montreal Wholesale Lumber Dealers' Association have passed a resolution of sympathy with H. J. Tetreau, of Bock & Tetreau, Limited, on the death of his only sister.

The Provincial Paper Mills, Limited, have sent an invitation to the technical section of the Canadian Pulp and Paper Association to hold their annual midsummer session at Port Arthur. The trip will be by boat and the meeting of the section will be held during the sailing. A very interesting programme is being prepared.

The Porcupine Pulp & Lumber Co., of Hoyle, Ont., has taken out 10,000 cords of wood during the past season. The company, which is a subsidiary of the Cliff Paper Co., of Niagara Falls, N.Y., is engaged entirely in taking out and rossing pulpwood and shipping it to the parent company at Niagara Falls. The Porcupine Company has been in operation since 1917 under the able management of A. C. White.

Fire broke out recently in the planing mill of A. Weller & Co., contractors, 54 Tecumseh St., Toronto, which was burned to the ground. The mill had been closed down for some time on account of repairs to the boilers and was about to resume operations. The good work of the brigade in fighting the blaze from within the building kept the fire from the drying room. The loss on the plant is about \$10,000.

Work has been started on clearing the site for the new paper mill which will be erected on the Winnipeg River about 75 miles north of Winnipeg by John D. McArthur, and his associates. The plant including the Hydro Power, will involve an initial expenditure of about \$4,000,000. The paper mill will have a capacity of 130 tons daily at the outset but it is expected that by 1928 this will be more than doubled.

The capital stock of the Twin Falls Lumber Co. has been increased from \$200,000 to \$600,000. The plant of the company is located at McDougall's Mills, in the Kenora district. The company was incorporated some years ago and Brig. Gen. J. B. McDougall is the president; Sam McDougall, of Ottawa, vice-president; Hamilton J. Stuart, Toronto, secretary; W. C. McDougall, manager, and J. Lorne McDougall, of Ottawa, director.

G. O. Buchanan, of New Westminster, has formed a partnership with J. T. Wilband, of Vancouver, for the purpose of installing a sawmill on the Puckatholatchin Indian Reserve, the timber of which was acquired by Mr. Buchanan several years ago. The reserve is about 85 miles from Vancouver and the mill will have a capacity of 20,000 feet per day, and will employ about 25 men. The timber consists of fir, very suitable for dimension.

The H. G. Holmes Lumber Co., who began business in Timmins, Ont., in January last, are doing exceptionally well. The company of which H. E. Bailey is the manager, are operating a sawmill in Timmins and specialize in spruce and jack pine lumber. They do both a wholesale and retail trade and handle all lines of mining timber. There is a big demand throughout the section for stulls and lagging and all other mining timber such as 8 x 8 and 6 x 4.

James Jardine, a well-known figure in lumber circles in New Brunswick, died recently in Fredericton at the ripe age of seventy-two years. The late Mr. Jardine was the eldest son of Thomas Jardine whose firm, J. & T. Jardine, shipbuilders, flourished a half a century ago. Mr. James Jardine had gathered a wide experience in forest products both in this country and in England, where he spent considerable time with Farnworth & Jardine, timber brokers, at Liverpool.

The Pearce Company, of Marmora, Ont., say they have worked off quite a lot of their hardwood and could sell a great deal more if they had it. Prices for lumber are much better than they were last year and in 1921. Conditions have greatly improved and the outlook is brighter. The cut of the firm will this year be smaller than usual as they did not contract for as much wood last fall, owing to the somewhat uncertain conditions which then prevailed, having a considerable stock on hand.

McGibbon Lumber Co., Limited, of Penetanguishene, Ont., recently built an attractive new office at the corner of Queen & Water Sts., in that town. The location is an admirable one and from the hillside a splendid view of the plant and yards may be obtained. The company are selling their old office building in which they did business for about half a century. The stock of the McGibbon organization this year will be considerably more than last, amounting in all to about 10,000,000 feet, the majority of it being hemlock.

The Ontario Forestry Branch has opened an office at Sault Ste Marie, which is in charge of A. B. Connell, district forester, for the purpose of handling forest fire protection in the Algoma district to better advantage. Mr. Connell was formerly engaged in similar work

in the Sudbury area, and fire protection in the Soo surroundings lately handled from the Sudbury office. With the aim in view of increasing the efficiency and carrying out to better advantage the object of the whole organization in safeguarding timber from flame, the Sault Ste Marie office was established.

## Points to Observe When Ordering Lumber

An Eastern U.S. Lumber firm has formulated several points to observe when ordering lumber. The suggestions are well worth keeping in mind:

1. Consider carefully points you wish to cover in your order.
2. Shippers must be financially responsible, or satisfactory to you by reputation.
3. Terms.
4. Time of shipment, approximately.
5. If orders are given to traveller, have it understood that before his company enters the order, his company mail you an acceptance so worded that you will be mutually agreed on all points.
6. Wire order for transit cars is very dangerous.
7. Consider the terms, grading, method of working, widths and thickness will be according to custom rules at shipping points unless otherwise agreed.
8. Dryness, Air or Kiln-Dried.
9. If Air-Dried, it is best to go by weight, since most trouble will come from South Western Short Leaf, on account of stain, etc.
10. If Kiln-Dried, especially in expensive woods, must be done with modern equipment; case hardened, warped, split, split output won't do.
11. Flooring, ceiling and all worked lumber be sure and agree on percentage of lengths and widths.
12. Thickness, whether rough or dressed, have your shipper note what he intends to ship.
13. Kind of car, rack, box or open car.
14. If high priced material car roof must be tested for leaks.
15. Routing.
16. Discount, amount, when.
17. Mention bundled or loose stock. In flooring and ceiling, how many pieces to bundle.
18. Hemlock, mention grade No. 1, Merchant, or No. 2.
19. Lath, be careful about widths, thickness, and lengths.
20. If lumber is purchased at shipping point, agree on freight rates.
21. Working of flooring, hollow back, planed one side and matched, or planed one side and centre matched.
22. All hardwood flooring must be according to the Hardwood Manufacturers' Association Rules, as regarding grades, percentage of lengths, etc.
23. Do not confuse Coast Stock, especially in roofers and flooring, with South Western, as to the grades and working.

## Shantymen's Christian Association Conference

The annual conference of the Shantymen's Christian Association was held in Knox Church, Spadina Ave., Toronto, on Tuesday, Wednesday and Thursday April 24th, 25th and 26th. Representatives from Kentucky, the Northern States, British Columbia and other parts of Canada were present and much interest was revealed in the proceedings and the good work carried on by the Association which is widening and developing all the time. On Thursday April 26th there were shown lantern slides, illustrating the British Columbia work, while interesting addresses were delivered.

Wm. Henderson, 15 Toronto St., Toronto, is the general superintendent of the Shantymen's Christian Association, and W. H. Adamson of the same address, is general treasurer. Interesting reports were presented on the work of the past year and several missionaries gave the stories of their experiences in Kentucky, British Columbia, Alberta, Manitoba, Saskatchewan, Ontario and the eastern provinces.

## Laboratories Will Identify all Woods

If the average man were asked to identify half a dozen common metals and the same number of common woods he would probably give correct answers as to the former and make mistakes with the woods. Metals are recognized by their color, but woods are distinguished by differences in their structure that are often microscopic. The identification of woods is a matter of some industrial importance, and it is of interest to note that expert service of this kind is provided at the Forest Products Laboratories of Canada (Dominion Forestry Branch), Montreal, where special facilities for the purpose are available.



# Interesting Items Regarding Pioneer Industry

## Brussels Firm is Kept on Move

Ament Bros., of Brussels, Ont., state that they find business very good at the present time, and, while prices are rather low in some lines, they are inclined to stiffen. The firm have started operating their sawmill and have a fair supply of logs on hand.

Ament Bros. have been running their heading mill for the past two months, having been favored with several large orders. They find prices for heading somewhat better. Their stave mill will not be put in operation for a few weeks yet and the cut is not likely to be as large as usual.

In regard to building operations in Brussels, there is not a great deal going on at present outside of repair work and a few small jobs, owing to the increased cost in the price of raw material.

## Tragic Consequences of Forest Fires

"The Ninety and Nine" is the name of a new motion picture which depicts a gigantic forest fire. The climax of the presentation is seen in the rescue by train of the inhabitants of a fire-threatened town, and the production contains a wonderful thrill.

E. J. Zavitz, Provincial Forester of Ontario states that, realizing the adaptability of this picture in showing the results of carelessness by fire, the Department of Lands and Forests has arranged with the Ontario Motion Picture Bureau to supply a short reel on forest protection in Ontario which will be furnished free to any theatre. Over ninety-five per cent of the forest fires are caused by human carelessness and every effort should be made to lesson the tragic consequences of these disasters.

## "Gold Seal" Now on the Canadian Market

The "Gold Seal" rubber footwear, which is widely known throughout the United States, is now being sold and distributed throughout the Dominion. The Canadian sales are under the direction of the Allied Footwear Co. of Canada, who are located at 29 Temperance St., Toronto, and are preparing for an intensive campaign and big business. It is expected that the "Gold Seal" will be received with a large measure of favor in Canada and a representative stock will be carried in the Toronto warehouse of the firm from which all shipments will be promptly made.

The "Gold Seal" has the exclusive rights for the Grippio Sole, which is used on the Ligro shoe and is so strongly praised by lumbermen.

## Backing up Principles of Conservation

A neat booklet has been published by the Concatenated Order of Hoo-Hoo, St. Louis, Mo. The brochure is entitled "Trees," and is published in the interest of conservation and reforestation. The Hoo-Hoo is thus making known its desire to help in the formation and enlightening of public sentiment through such sound and practical principles of a national forestry policy as will contribute to the stability of the lumber industry as one of the foundations of the nation's welfare and prosperity, thus ensuring protection for all standing timber and re-timbering of valuable waste lands so that permanent supplies might be secured. The little booklet, which begins with trees and ends with a home, carries much valuable information.

## National-American Working on Shingle Protest

The National-American Wholesale Lumber Association, through Davies & Jones, Counsel at Washington, is actively co-operating with shingle men in the Pacific northwest, with a view to taking some action suppressing and correcting a report issued by the Building Code Committee of the Department of Commerce. This Committee has made certain proposals regarding Small House Construction, and references are made to wood shingles which are regarded as being incorrect and very unfair.

Several days ago, Secretary Schupner of the National-American, received a joint telegram from several members at Seattle, and the matter was immediately referred to Washington, where Davies & Jones are at work upon the matter. It will be necessary to undertake a complete investigation, and probably arrange for practical fire resisting tests. This the shingle men are prepared to do, and with-

in a short time more definite plans will be announced. In this matter, the National-American will co-operate with the Shingle Branch of the West Coast Lumbermen's Association.

## Lumbering Activities in Sudbury District

D. H. Haight, of Sudbury, spent a few days in Toronto recently and also in Glen's Falls and other points in New York State. Mr. Haight's mill at Mileage 93 on the Canadian National Railways, near Bethnal, was burned to the ground last November and he will not rebuild this season.

Mr. Haight has arranged with Charette & Sons, of Gogama, to cut up his white pine, red pine and jack pine logs which will produce about a million feet. The Hawk Lake Lumber Co. at Monteith, will saw about two million feet of spruce for Mr. Haight.

Charette & Sons' mill at Gogama was wiped out by fire last winter but is being rebuilt at the present time and will be equipped with an up-to-date band saw.

## Montreal Wholesalers in Monthly Session

Members of the Montreal Wholesale Lumber Dealers' Association held their monthly meeting on April 19 at the Mount Royal Hotel, with J. S. Bock in the chair.

It was decided to call a special meeting on May 2 to consider amending the by-laws in order to extend the membership. The suggestion is to admit wholesalers who are not located in Montreal but who do business in the city.

It was agreed to form a Credit Bureau, following a report by the committee appointed to consider this question. The report outlined a plan which is capable of extension. Under the plan it is optionable for a member of the association to join the bureau. The idea of a bureau met with general support, it being pointed that information of the character to be supplied is now generally lacking.

## New Sales Organization is Formed

The Pembroke Lumber Sales Co., Inc., is an organization which has just been formed with E. A. Dunlop, of Pembroke, Ont., as president; A. L. Eastcott, of Pembroke, vice-president, and Stanley Pearce, of New York, secretary-treasurer.

The organization will handle the output of the Pembroke Lumber Co., Limited, of Pembroke, which this season will cut 30,000,000 feet, consisting principally of white pine. The cut will be 50 per cent larger than last year and the mill will be operated night and day during the greater part of the summer.

The Pembroke Sales Co. have opened offices at 2607 Grand Central Terminals, New York City. Mr. Pearce who has been identified for a number of years with spruce and pulp interests, is in charge.

## Canadian Lumbermen Appoint Committees

The following committees have been appointed by the Canadian Lumbermen's Association to serve during the coming year:—

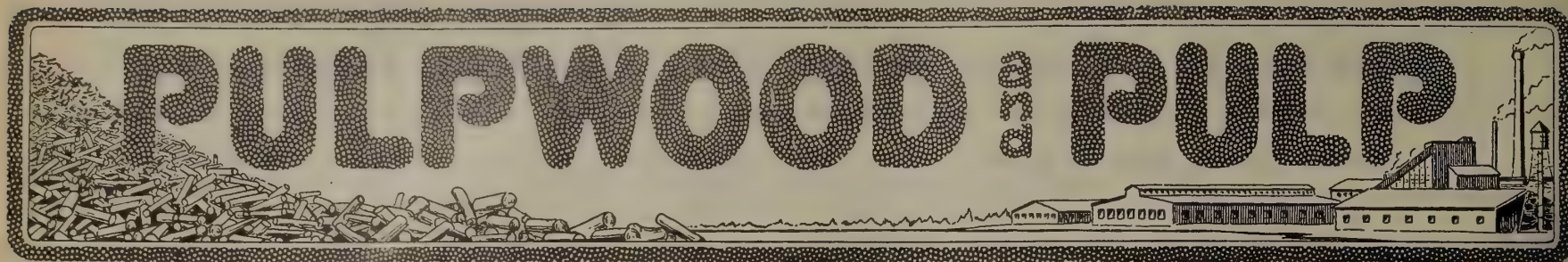
Committee on Legislation:—Messrs. Dan. McLachlin, Arnprior, (Chairman); W. E. Bigwood, Toronto; John Black, Ottawa; John S. Gillies, Braeside; Duncan McLaren, Toronto; D. McLeod, Kenora; Sir Henry K. Egan, Ottawa, and Hon. George Gordon, North Bay.

The Transportation Committee consists of Messrs. Alfred Clark, Toronto, (Chairman); Walter M. Ross, Ottawa; E. C. Barre, Sarnia; D. C. Johnston, Toronto; P. J. McGoldrick, St. Pacome; W. E. Golding, St. John; Rufus E. Dickie, Stewiacke; Frederick Cleveland, Utica, N.Y., and A. O. Anderson, Buckingham, Que.

## Want Anti-Dumping Clause Invoked

A recent despatch from Washington says: Provision of the anti-dumping section of the U. S. tariff law were ordered invoked by the Treasury against importation from the province of Quebec, Canada, of veneers or thin lumber. A ruling by Assistant Secretary Moss said an investigation had disclosed that the Quebec exports to the United States were being sold at prices imperilling the industry south of the border, and that therefore, the heavy duties permissible under the anti-dumping section should be imposed.





### New Pulpwood Concession Being Sold

The Ontario Department of Lands and Forests is calling for tenders which will be received up till June 22, for the right to cut pulpwood and timber on a certain area situated in the watershed of the Trout and Chapleau Rivers in the district of Sudbury, comprising 1,040 square miles.

Tenderers must state the amount per cord for pulpwood that they are prepared to pay as a bonus, in addition to the dues of 80 cents per cord for spruce and 40 cents per cord for other pulpwoods. Bidders will also be required to say what they are prepared to pay per thousand feet for different classes of timber over and above the upset price, in addition to Crown dues. Red and white pine upset price \$6.00 per M feet, b.m.; spruce (too large for pulpwood) \$5.00 per M feet, b.m.; jack pine \$2.50 per M feet. The Crown dues on pine, including jack pine, are \$2.50 per M feet, and on spruce \$2.00.

The successful tenderer for the Trout-Chapleau limit will be required to erect a mill within the limit at a point to be approved of by the Minister of Lands and Forests and manufacture the wood into kraft pulp and a portion thereof into kraft paper when called upon to do so.

Each tenderer must deposit a marked cheque of \$50,000., which amount will be forfeited in the event of the successful bidder not entering into negotiations to carry out conditions. The \$50,000. shall remain in deposit until the kraft pulp mill is erected and in operation. Any timber cut in the meantime will be subject to the payment of dues. After the pulp mill is put up and in operation, the deposit of \$50,000. may be applied on account of bonus dues as they accrue, but the regulation dues, as mentioned, must be paid in the usual manner as returns for the cutting of the wood and timber.

### Contracting for Large Lot of Pulpwood

The Thompson & Heyland Co., Toronto, are contracting for about 50,000 cords of pulpwood for delivery next season. About 20,000 cords of this will be poplar on which prices are a little firmer than last year. The prevailing figure for peeled spruce and balsam north of North Bay is \$8 to \$10 per cord, f.o.b. cars and for poplar \$4.50 and \$5.50 per cord. South of North Bay peeled spruce and balsam is commanding \$11 and \$12 per cord, f.o.b. cars and peeled poplar \$7.50 to \$8.50 per cord. These contracts have been mostly made with settlers who will begin cutting toward the end of the present month and continue until August.

The Thompson & Heyland Lumber Co. have shipped out all the pulpwood contracted for last season with the exception of a few thousand cords which are going forward rapidly to various points in Pennsylvania, New York State and the Niagara district.

### Low Water Causes Heavy Losses

A financial loss which will run into thousands of dollars has been sustained this winter by John R. Booth, Limited, of Ottawa, and the E. B. Eddy Company, Hull, Que., paper manufacturers at the Chaudiere, due to the low level of the Ottawa River, which prevented a sufficient head of water arriving at the mills to operate large grinders.

In the case of the Eddy Company, this plant was forced to go out in the open market and buy groundwood pulp, paying in some instances as high as \$54 per ton. Usually the company manufactures its own groundwood. The Booth organization also had to buy its groundwood pulp.

At the Booth plant visitors to the Chaudiere district are treated to a spectacle they have not beheld for years, being the hundreds of piles of pulpwood, ranging into the tens of thousands of cords which the company contracted for, for its winter operations, but which the organization has been unable to use in its grinders on account of the low water.

The Booth Company simply had its contracts let for winter wood, which was shipped from the bush by rail to the mills. In other years the company used this wood to make groundwood pulp in connection with the operation of its paper mill. This season, how-

ever, the water was so low that the grinders could not be run and the company, unable to refuse the shipment it had contracted for, had nothing else to do but pile it up all around the plant, making a forest of piles which covered acres.

Both C. Jackson Booth and George H. Millen, president of the Eddy Company, while declining to estimate the loss to their plants, said that it would be considerable.

During the latter part of April the level of the Ottawa River began to ascend and Mr. Booth was able to get his grinders going and begin to consume some of his winter wood.

### Glengarry Pulp Co. is Now Operating

The Cornwall Pulp & Paper Co., of Cornwall, Ont., was established some years ago by Canadian and Buffalo capitalists, and bought the woodworking plant of L. A. Ross on the Cornwall Canal near where it discharges into the River St. Lawrence. The old building was remodelled to suit the new conditions and equipped with modern machinery for the production of groundwood under the management of E. E. Emigh.

Owing to unsatisfactory conditions in the pulp market and other causes, the concern last year went into liquidation and was bought by W. W. Thomson, of Toronto. The plant was thoroughly overhauled and now operations are being conducted under the name of the Glengarry Pulp Co. There are four grinders with cutting-up and barking machinery, and the output of groundwood pulp is about 30 tons daily. The plant is run by electric power and about 30 cords of spruce pulpwood are consumed each day. At present the wood is being obtained from the Parry Sound district. It comes in by rail and is delivered by the Stormont Electric Light & Power Company's switches into the mill yard, being run in from the street railway tracks. The manufactured pulp is loaded on to cars on a switch alongside of the mill. The company turns out the highest grade of groundwood pulp and a large portion of the product is shipped to the United States.

Cornwall is exceptionally well located for a pulp and paper industry, having three railways and water communication during the season of navigation. It is expected that a dock will be provided to receive shipments of wood by water and for outgoing shipments of the finished product, as the Cornwall Canal is within a few feet of the mill. W. W. Thomson is the head of the Glengarry Pulp Co.; C. J. Shephard, of Toronto, is the manager, and E. E. Emigh is the superintendent.

### North Vancouver Will Get Pulp Mill

It is likely that North Vancouver will have a large pulp and paper mill. It is reported that plans are under way for an enterprise to cost \$8,000,000 and are nearing completion in the offices of the Seaman Paper Company of Chicago. The company is already interested in the British Columbia paper industry through its president, who was for years a director of the Whalen Pulp & Paper Co.

### Abitibi Company Breaks All Records

The Abitibi Power & Paper Co., who for some months have been gradually increasing production at Iroquois Falls, topped all records last week when the output of newsprint from the company's machines reached half a ton over 500 tons in a day. Since the three machines were installed almost two years ago, they have gradually been creeping up in speed and production until this winter they practically reached capacity. Owing to the necessity of conserving water for power purposes, production had to be sacrificed and the 500 ton point could not be reached. As there is now a break-up of the ice and snow, there is an ample flow of water.

It is stated that negotiations, which have been going on for some time for a power site on the Abitibi River by the Hollinger Mines and the Abitibi Company, have been passed upon by the Ontario Government. The Hollinger Mines will get the power site at the Long Sault and will be allowed to develop the maximum capacity



of 25,000 h.p. instead of 18,000 h.p. which the Abitibi Company wanted named as a limit. It is said that the Abitibi Company will be assured a site for development at carrying places, farther down the stream should the necessity arise.

### Brompton Company is in Good Shape

The directors of the Brompton Pulp & Paper Co. held their regular monthly meeting recently in Montreal and declared a quarter's dividend for the period ending January 31st 1922 of 2 per cent on the preferred stock. In taking this action they pointed out that it is anticipated that further payments of this kind will be made before long, but that just at the present time, which is the peak of the lumbering operations, and requires a very large amount of cash to finance, it was considered the part of conservatism to make no greater distribution. It was pointed out by the directors that this peak period of cash requirement for lumbering operations will be finished in the course of the next thirty days.

"Business is very good," says a statement given out by the directors, "and all our mills are running to capacity and the sales for the last month were the largest since the boom period of three years ago."

### Why Canada Should Stop Wood Export

Volume 1 has been issued on "Why Canada Should Prohibit the Export of Unmanufactured Wood." The book contains 175 pages and in it are presented many arguments in favor of prohibiting the export of unmanufactured wood from the Dominion. There is also a varied and graphic pen picture of forest conditions from British Columbia to Cape Breton. The publication has been issued for free distribution by Frank J. D. Barnjum, of Montreal, in the interest of forest conservation.

In a recent \$2,000 prize competition conducted by Mr. Barnjum, 549 essays were sent in from every province of the Dominion. These contain many unanswerable arguments in favor of an embargo on pulpwood. In the first volume, Mr. Barnjum says only the prize-winning essays are given in the numerical order of their standing. Those, which follow, have not been given precedence according to merit and their arrangement is not intended to indicate any special rank.

The first prize in the contest was captured by J. R. Black, 33 Broadway Ave., Ottawa, and the second prize, James R. Dixon, Dominion Forestry Branch, Ottawa.

### Will Stop Sunday Work in Quebec

It is reported that Catholic labor and social organizations in Quebec intend making a concerted drive to put an end to Sunday labor in that province. It is proposed to secure the endorsement of the Lord's Day Act, and among the trades which have been cited as being operated on a large scale in constant contravention to the statute is the pulp and paper industry. The Provincial Government will be urged to appoint inspectors to see the law is observed, and, failing this, the Catholic Associations plan to institute legal proceedings in order to achieve the desired results.

### Great Lakes Co. Gets Power Contract

The cities of Port Arthur and Fort William are in a wrangle over which shall secure the new mill of the Great Lakes Pulp & Paper Co., the head of which is L. R. Alstead, of Port Arthur. Fort William and Port Arthur are combatting to get the company to locate within their boundaries.

The private Bills Committee of the Ontario Legislature recently accorded permission to Port Arthur to dispose of 75 acres of industrial lands on the Strathcona site to the municipality of Shuniah, on which Port Arthur representatives hope to have the Great Lakes Pulp & Paper Co. establish their plant.

The Great Lakes Company has at last come to an understanding in the matter of power and has signed an agreement to become consumers of the Nipigon Hydro system. The new arrangement provides for an annual sale to the company of 10,000 h.p. of electrical energy, and the figure named is \$18 per h.p.

### Coming to Front as Pulp Province

British Columbia is rapidly coming to the front as a pulp and paper producing province, and it is expected within the next two years that about \$10,000,000 will be expended in new enterprises providing certain negotiations that are now under way are successful-

ly carried out. Many American capitalists are interested in the project.

It is reported that certain New York newspapers are behind negotiations now going on for the acquisition of the holdings of the Prince Rupert Pulp & Paper Co. at Prince Rupert. The founder of the enterprise, John S. Emerson, died some time ago and since then efforts have been made to dispose of the mill and timber. Seven billion feet of pulpwood is available in that section, which would be sufficient to meet the needs of the syndicate for an indefinite period. Most of the timber is located in the valleys of the Skeena and Kispiox Rivers, and if the deal goes through, it will involve an expenditure of between \$5,000,000 and \$6,000,000, and the undertaking will duplicate in a general way the plan of a Chicago newspaper alliance which is behind the pulp and paper enterprise at Elko in the Kootenay district, known as the Wigwam Pulp & Paper Co.

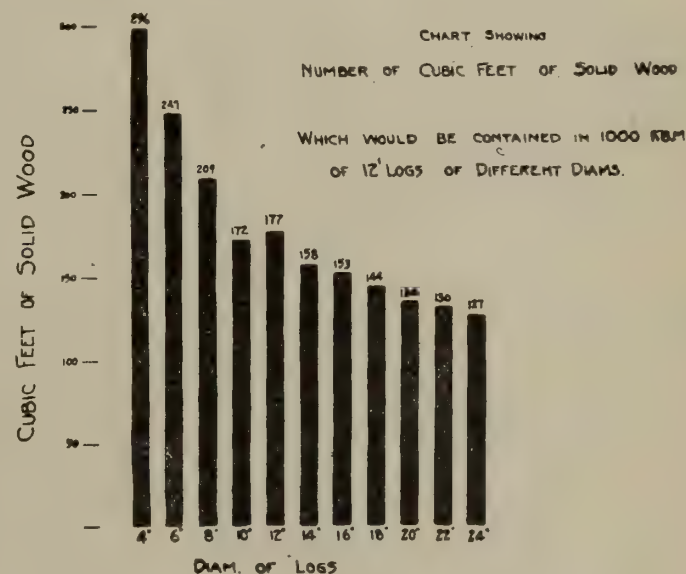
### How Measurement of Pulpwood Differs

During the discussion at the annual meeting of the technical section of the Canadian Pulp and Paper Association, Mr. C. B. Thorne, of the Riordon Company, Limited, presented a chart showing how the diameter of pulpwood logs influenced the solid wood based on board feet measure. Mr. Thorne stated:—

"In the past we bought pulpwood by the cord or by board feet measure without taking much into consideration the correctness of the measurements and the value of the wood as raw material for pulp and paper making.

"Sometime ago I wanted to find out the correctness of measuring wood by the cord measure and appointed a technical man to represent the mill and a woodsman to represent the woods department to find out the number of cubic feet of solid wood contained in any cord of wood. On going over the results of this measurement I found that the variation of solid wood contained in a cord of piled 4-ft. wood was as high as 20 per cent. This indicates that the cord measure is not exact enough.

The accompanying chart shows the number of cubic feet of solid



wood which would be received in 1,000 board feet measure of logs of different diameters. From this it will be noticed that:

1,000 ft. board measure of 4" logs contains 296 cu. ft. solid wood  
1,000 ft. board measure of 6" logs contains 247 cu. ft. solid wood  
1,000 ft. board measure of 8" logs contains 209 cu. ft. solid wood  
1,000 ft. board measure of 10" logs contains 172 cu. ft. solid wood  
1,000 ft. board measure of 12" logs contains 177 cu. ft. solid wood  
1,000 ft. board measure of 14" logs contains 158 cu. ft. solid wood  
1,000 ft. board measure of 16" logs contains 153 cu. ft. solid wood  
1,000 ft. board measure of 18" logs contains 144 cu. ft. solid wood  
1,000 ft. board measure of 20" logs contains 134 cu. ft. solid wood  
1,000 ft. board measure of 22" logs contains 130 cu. ft. solid wood  
1,000 ft. board measure of 24" logs contains 127 cu. ft. solid wood

This means that if you buy 1,000 board measure of 4" logs you will get pretty nearly 300 cubic feet of solid wood but that the cubic contents of solid wood decreases with the larger diameter logs.

In 1,000 feet board measure of 4" logs you get more than twice as much wood as you get in 1,000 feet board measure of 24" diameter logs, which means that the board feet measure is of no value when measuring wood for pulp making. The board feet measure has been installed in the Province of Quebec for the purpose of measuring wood in connection with the payment of Government stumpage on saw logs.



# CURRENT LUMBER PRICES—WHOLESALE

## TORONTO

### White Pine

(In Car Load Lots, F.O.B. cars Toronto)

1 x 4/7 Good Strips	\$110.00	\$115.00
1 1/4 & 1 1/2 x 4/7 Good Strips	125.00	130.00
1 x 8 and up Good Sides	150.00	160.00
2 x 4/7 Good Strips	130.00	140.00
1 1/4 & 1 1/2 x 8 and wider Good Sides	185.00	190.00
2 x 8 and wider Good Sides	190.00	200.00
1 in. No. 1, 2 and 3 cuts	75.00	80.00
5/4 and 6/4 No. 1, 2 and 3 cuts	105.00	110.00
2 in. No. 1 2 and 3 cuts	120.00	125.00
1 x 4 and 5 Mill Run	54.00	55.00
1 x 7, 9 and 11 Mill Run	54.00	55.00
1 x 8 Mill Run	57.00	58.00
1 x 10 Mill Run	59.00	61.00
1 x 12 Mill Run	66.00	67.00
5/4 and 6/4 x 5 and up Mill Run	61.00	62.00
2 x 4 Mill Run	55.00	56.00
2 x 6 Mill Run	57.00	58.00
2 x 8 Mill Run	58.00	59.00
2 x 10 Mill Run	60.00	62.00
2 x 12 Mill Run	67.00	69.00
1 in. Mill Run Shorts	34.00	36.00
1 x 4 and up 6/16 No. 1 Mill Culls	36.00	37.00
1 x 10 6/16 No. 1 Mill Culls	42.00	43.00
1 x 12 6/16 No. 1 Mill Culls	42.00	43.00
1 x 4 and up 6/16 No. 2 Mill Culls	27.00	28.00
1 x 10 12 6/16 No. 2 Mill Culls	33.00	34.00
1 x 4 & up 6/16 No. 3 Mill Culls	17.00	18.00

### Red Pine

(In Car Load Lots, F.O.B. Toronto)

1 x 4 and 5 Mill Run	39.00	40.00
1 x 6 Mill Run	41.00	42.00
1 x 8 Mill Run	44.00	45.00
1 x 10 Mill Run	47.00	49.00
2 x 4 Mill Run	40.00	41.00
2 x 6 Mill Run	40.00	42.00
2 x 8 Mill Run	44.00	45.00
2 x 10 Mill Run	49.00	50.00
2 x 12 Mill Run	50.00	51.00
1 in. Clear and Clear Face	75.00	76.00
2 in. Clear and Clear Face	80.00	82.00

### Jack Pine

Mill Run (mill culls and dead culls out)

2 x 4	38.00	41.00
2 x 5	38.00	39.00
2 x 6	39.00	40.00
2 x 8	43.00	44.00
2 x 10	45.00	47.00
1 x 4 and wider	37.00	39.00
Mill Culls and Sound Wormy		
1 x 4 & wider	32.00	33.00
2 x 4 & wider	33.00	34.00

### Spruce

Mill Run (mill culls and dead culls out)

1 x 4, and 5	39.00	40.00
1 x 6	42.00	43.00
1 x 8	45.00	46.00
1 x 10	47.00	49.00
1 x 12	50.00	51.00
2 x 4	37.00	39.00
2 x 6	40.00	41.00
2 x 8	42.00	43.00
2 x 10	45.00	46.00
2 x 12	48.00	49.00

### Mill Culls

1 x 4 and up No. 1	32.00	33.00
2 x 4 and up No. 1	33.00	34.00

### Hemlock (M R)

(In Car Load Lots, F.O.B. Toronto)

1 x 4 and 5 x 9 to 16 ft.	31.00	32.00
1 x 6, 9 to 16 ft.	36.00	38.00
1 x 7, 9 and 11, 9 to 16 ft.	37.00	38.00
1 x 8, 9 to 16 ft.	38.00	40.00
1 x 10 and 12, 9 to 16 ft.	39.00	40.00
2 x 6, 8 to 16 ft.	35.00	36.00
2 x 4, 8, 10 and 12	38.00	39.00
2 x 4 to 12, 18 ft.	43.00	44.00
2 x 4 to 12, 20 ft.	45.00	46.00
1 in. No. 2, 6 to 16 ft.	26.00	28.00
2 in. No. 2, 6 to 16 ft.	30.00	32.00

### Fir Flooring

(In Car Load Lots, F.O.B. Toronto)

Fir flooring, 1 x 3 in. No. 2 and better, edge grain	\$ 78.00	
Fir flooring, 1 x 4 in. No. 2 and better, edge grain	75.00	
Fir flooring, 1 x 3 in. No. 2 and better, flat grain	59.00	
Fir flooring, 1 x 4 in. No. 2 and better, flat grain	62.00	
1 x 4 to 12 in. No. 2 and better, clear fir,		

1 1/4 x 4 to 12 in. No. 2 and better, clear fir, rough	90.50
2 x 4 to 12 in. No. 2 and better, clear fir, rough	86.50
3 x 4 to 12 in. No. 2 and better, clear fir, rough	94.50
1 x 4, 5 and 6 in. fir casing	81.75
1 x 8 and 10 in. fir base	86.25
1/2 x 6, 8 to 18 ft. No. 1 and 2 clear cedar bevel siding	53.00
1 1/4 and 1 1/2 8, 10 and 12 in. E. G. Step-ping	97.25
1 1/4 and 1 1/2 8, 10 and 12 in. E. G. Step-ping	87.25
1 x 4 to 12 in. clear fir dressed 4 sides	80.25
1 1/4 and 1 1/2 x 4 to 12 in. clear fir D4S	84.00
XX Shingles, 6 butts to 2 in. per M	3.08
XXX Shingles, 6 butts to 2 in. per M	5.43
XXXXX Shingles, 5 butts to 2 in per M.	6.28

### Lath

(F.O.B. Mill)

No. 1 White Pine	\$ 11.50	\$ 12.50
No. 2 White Pine	10.50	11.00
No. 3 White Pine		9.00
Mill Run White Pine, 32 in.		5.00
Merchantable Spruce Lath, (Ontario)	6.50	7.00

## TORONTO HARDWOOD PRICES

The prices given below are for car loads f.o.b. Toronto, from wholesalers to retailers, and are based on a good percentage of long lengths and good widths, without any wide stock having been sorted out.

### Ash, White

(Dry weight 3,800 lbs. per M. ft.)

	1s & 2s	No. 1	No. 2
	Com.	Com.	Com.
1"	\$115.00	\$ 65.00	\$ 40.00
1 1/4 and 1 1/2"	120.00	70.00	45.00
2 1/2 and 3"	125.00	75.00	50.00
4"	130.00	80.00	55.00

### Ash, Brown

1"	100.00	60.00	35.00
1 1/4 and 1 1/2"	110.00	65.00	40.00
2"	120.00	75.00	45.00

### Birch

(Dry weight 4,000 lbs. per M. ft.)

	1s & 2s	Sels.	No. 1	No. 2
			Com.	Com.
4/4	\$115.00	\$ 70.00	\$ 50.00	\$ 30.00
5/4	120.00	75.00	52.00	32.00
6/4	120.00	75.00	52.00	32.00
8/4	125.00	80.00	60.00	37.00
12/4	135.00	90.00	65.00	40.00
16/4	135.00	90.00	65.00	40.00

### Basswood

(Dry weight 2,500 lbs. per M. ft.)

	1s & 2s	No. 1	No. 2
		Com.	Com.
4/4	\$ 85.00	\$ 50.00	\$ 30.00
5/4 and 6/4	90.00	55.00	35.00
8/4	95.00	65.00	40.00

### Chestnut

(Dry weight 2,800 lbs. per M. ft.)

	1s & 2s	No. 1	Sound
		Com.	Wormy
1"	\$150.00	\$100.00	\$ 40.00
1 1/4 to 1 1/2"	165.00	110.00	43.00
2"	170.00	115.00	45.00

### Maple, Hard

(Dry weight 4,000 lbs. per M. ft.)

	F.A.S.	Sels.	No. 1	No. 2
			Com.	Com.
4/4	\$ 90.00	\$ 70.00	\$ 50.00	\$ 30.00
5/4	95.00	75.00	55.00	32.00
6/4	95.00	75.00	55.00	32.00
8/4	100.00	80.00	60.00	35.00
12/4	110.00	90.00	70.00	40.00
16/4	110.00	90.00	70.00	40.00

### Elm, Soft

(Dry weight 3,000 lbs. per M. ft.)

	1s & 2s	No. 1	No. 2
		Com.	Com.
4/4	\$ 85.00	\$ 55.00	\$ 30.00
8/4	85.00	55.00	30.00
12/4	120.00	90.00	50.00

Gum, Red  
(Dry weight 3,300 lbs. per M. ft.)

	Plain	No. 1	Quartered—	No. 1
		Com.	1s & 2s	Com.
1"	\$120.00	\$77.50	\$130.00	\$ 80.00
1 1/4"	125.00	80.00	135.00	85.00
1 1/2"	125.00	80.00	135.00	85.00
2"	130.00	86.00	140.00	90.00

### Gum, Sap

	1s & 2s	No. 1	Com.
1"	\$ 68.00	\$ 55.00	
1 1/4 and 1 1/2"	71.00	58.00	
2"	78.00	58.00	

### Hickory

(Dry weight 4,500 lbs. per M. ft.)

	1s & 2s	No. 1	Com.
1"	\$125.00	\$70.00	
1 1/4"	145.00	70.00	
1 1/2"	145.00	75.00	
2"	150.00	80.00	

### Quarter Cut Red Oak

	1s & 2s	No. 1	Com.
4/4	\$150.00	\$ 80.00	
5/4 and 6/4	160.00	90.00	
8/4	170.00	95.00	

### Plain White and Red Oak

(Plain sawed. Dry weight 4,000 lbs. per M. ft.)

	1s & 2s	No. 1	Com.
4/4	140.00	90.00	
5/4 and 6/4	155.00	95.00	
8/4	165.00	100.00	
10/4	170.00	105.00	
12/4	180.00	110.00	
16/4	190.00	115.00	

### White Oak, Quarter Cut

(Dry weight 4,000 lbs. per M. ft.)

	1s & 2s	No. 1	Com.
4/4	\$165.00	\$100.00	
5/4 and 6/4	175.00	105.00	
8/4	185.00	110.00	

## OTTAWA

Manufacturers' Prices  
Pine

Good sidings:		
1 in. x 7 in. and up		\$140.00
1 1/4 in. and 1 1/2 in. 8 in. and up		170.00
2 in. x 7 in. and up		175.00
No. 2 cuts 2 x 8 in. and up	90.00	95.00

Good strips:		
1 in.		110.00
1 1/4 in. and 1 1/2 in.		135.00
2 in.		145.00

Good shorts:		
1 in. x 7 in. and up		100.00
1 in. 4 in. to 6 in.		85.00
1 1/4 in. and 1 1/2 in.		140.00
2 in.		145.00
7 in. to 9 in. A sidings	54.00	56.00
No. 1 dressing sidings	75.00	80.00
No. 1 dressing strips		65.00
No. 1 dressing shorts	55.00	60.00
1 in. x 4 in. s.c. strips		52.00
1 in. x 5 in. s.c. strips		50.00
1 in. x 6 in. s.c. strips		55.00
1 in. x 7 in. s.c. strips		54.00
1 in. x 8 in. s.c. strips, 12 to 16 ft.		56.00
1 in. x 10 in. M.R.		62.00
S.C. sidings, 1 1/2 and 2 in.		65.00
S.C. strips 1 in.	48.00	50.00
1 1/4, 1 1/2 and 2 in.		58.00
S.C. shorts, 1 x 4 to 6 in.		40.00
S.C. and bet., shorts 1 x 5		43.00
S.C. and bet., shorts 1 x 6		45.00
S.C. shorts, 6-11 ft., 1 x 10 in.		50.00

Box boards:		
1 in. x 4 in. and up, 6-11 ft.		35.00
1 in. x 3 in. and up 12-16 ft.		39.00

Mill cull shorts, 1 in. x 4 in. and x 4 in. and up, 12 ft. and up		30.00
Mill culls, strips and sidings, 1 in. up, 6 ft. to 11 ft.		30.00
O. culls r and w p	23.00	24.00

### Red Pine, Log Run

Mill Culls out, 1 in.	38.00	40.00
Mill Culls out, 1 1/4 in.	38.00	40.00
Mill Culls out, 1 1/2 in.	38.00	40.00
Mill Culls out, 2 in.	38.00	40.00

### Mill Run Spruce

1 in x 4 in. and up, 6 ft. to 11 ft.	30.00	35.00
1 in. x 4 in. and up, 12 ft. to 16 ft	38.00	40.00
No. 1 White Pine, 1 1/4 in. x 4 ft.		12.00



# CURRENT LUMBER PRICES—WHOLESALE

1" x 9"-10" and up, 12 ft.-16 ft. . .	43.00
1 1/4" x 7, 8 and 9" up, 12 ft.-16 ft. . .	40.00
1 1/4" x 10 and up, 12 ft.-16 ft. . . . .	43.00 47.00
1 1/2" x 12" x 12" and up, 12'-16'	50.00
Spruce, 1 in. clear fine dressing and B . . . . .	65.00
Hemlock, 1 in. cull . . . . .	22.00
Hemlock, 1 in. log run . . . . .	24.00 28.00
Hemlock, 2 x 4, 6, 8, 10 12/16 ft. . .	30.00
Tamarac . . . . .	25.00 28.00
Basswood, log run, dead culls out . .	45.00 50.00
Basswood, log run, mill culls out . .	50.00 54.00
Birch, log run . . . . .	60.00 65.00
Soft Elm, common and better, 1, 1 1/2, 2 in. . . . .	58.00 68.00
Ash, black, log run . . . . .	62.00 65.00
1 x 10 No. 1 barn . . . . .	57.00 62.00
1 x 10 No. 2 barn . . . . .	51.00 56.00
1 x 8 and 9 No. 2 barn . . . . .	47.00 52.00

## Lath per M.:

No. 1 White Pine, 1 1/4 in. x 4 ft. . . . .	12.00
No. 2 White Pine . . . . .	11.00
Mill Run White Pine . . . . .	10.00 11.00
Spruce, mill run, 1 1/2 in. . . . .	10.00
Red Pine, mill run . . . . .	10.00
Hemlock, mill run . . . . .	7.00

## White Cedar Shingles

XXXX, 18 in. . . . .	7.00
Clear butt 18 in. . . . .	6.00
18 in. XX . . . . .	4.00

## QUEBEC

### White Pine (At Quebec)

	Cts.	Per Cubic Ft.
First class Ottawa waney, 18 in. average according to lineal . .	100	110
19 in. and up average . . . . .	110	120

### Spruce Deals (At Mill)

3 in. unsorted, Quebec, 4 in. to 6 in. wide . . . . .	\$25.00	\$27.00
3 in. unsorted, Quebec, 7 in. to 8 in. wide . . . . .	28.00	30.00
3 in. unsorted, Quebec, 9 in. wide . .	35.00	40.00

### Oak (At Quebec)

	Cts.	Per Cubic Ft.
According to average and quality, 55 ft. cube . . . . .	125	130

### Elm (At Quebec)

According to average and quality, 40 to 45 ft. cube . . . . .	130	140
According to average and quality, 30 to 35 ft. . . . .	100	125

### Export Birch Planks (At Mill)

1 to 4 in thick, per M. ft. . . . .	\$35.00	\$40.00
-------------------------------------	---------	---------

## ST. JOHN, N.B.

(From Yards and Mills—Wholesale)

### Rough Lumber

2x3, 2x4, 3x3, 3x4, Rgh. Merch. Spr. .	\$28.00
2x3, 2x4, 3x3, 3x4, Dressed 1 edge . .	29.00
2x3, 2x4, 3x3, 3x4, Dressed 4 sides . .	34.00
2x6, 2x7, 3x5, 4x4, 4x6, all rough . . .	28.00
2x8, 3x7, 5x5, 6x6 . . . . .	38.00
2x9, 3x8, 6x8, 7x7 . . . . .	38.00
2x10, 3x9 . . . . .	40.00
2x12 and up . . . . .	45.00
Merch. Spr. Bds. Rough, 1x3-4&5 . . . .	28.00
Merch. Spr. Bds. Rough, 1x7 & up. . . .	40.00
Refuse Bds., Deals and Setgs. . . . .	20.00
Above Random lengths up to 18-0 long.	
Lengths 19-0 and up \$5.00 extra per M.	
For planing Merch. and Refuse Bds. add \$2.00 per M. to above prices.	
Laths, \$7.25	

### Shingles

	Per M.
Cedar, Extras . . . . .	\$5.75
Cedar, Clears . . . . .	4.75
Cedar, 2nd Clears . . . . .	3.75
Cedar, Extra No. 1 . . . . .	2.25
Spruce . . . . .	3.25

## SARNIA, ONT.

### White Pine—Fine, Com. and Better

1 x 6 and 8 in. . . . .	\$125.00
1 in. 8 in. and up wide . . . . .	145.00
1 1/4 and 1 1/2 in. and up wide . . . . .	185.00
2 in. and up wide . . . . .	185.00

### Cuts and Better

4/4 x 8 and up No. 1 and better . . . .	140.00
5/4 and 6/4 and up No. 1 and better . .	156.00
8/4 and 8 and up No. 1 and better . . .	156.00

### No. 1 Cuts

1 in. 8 in. and up wide . . . . .	125.00
1 1/4 in. 8 in. and up wide . . . . .	130.00
1 1/2 in. 8 in. and up wide . . . . .	130.00
2 in. 8 in. and up wide . . . . .	135.00
2 1/2 in. and 3 in. 8 in. and up wide . .	180.00
4 in. 8 in. and up wide . . . . .	190.00

### No. 1 Barn

1 in., 10 to 16 ft. long . . . . .	\$ 75.00 \$ 85.00
1 1/4, 1 1/2 and 2 in., 10/16 ft. . . . .	80.00 85.00
2 1/2 to 3 in., 10/16 ft. . . . .	85.00 100.00

### No. 2 Barn

1 in., 10 to 16 ft. long . . . . .	65.00 75.00
1 1/4, 1 1/2 and 2 in., 10/16 ft. . . . .	66.00
2 1/2, 1 1/2 and 3 in. . . . .	85.00

### No. 3 Barn

1 in., 10 to 16 ft. long . . . . .	48.00 55.00
1 1/4, 1 1/2 and 2 in., 10/16 ft. . . . .	50.00 56.00

### Box

1, 1 1/4 and 1 1/2 in., 10/16 ft. . . . .	40.00 45.00
---	-------------

### Mill Culls

Mill Run Culls—	
1 in. 4 in. and up wide, 6/16 ft. . . . .	31.00
1 1/4, 1 1/2 and 2 in. . . . .	32.00

## BUFFALO and TONAWANDA

### White Pine

#### Wholesale Selling Price

Uppers, 4/4 . . . . .	\$225.00
Uppers, 5/4 to 8/4 . . . . .	225.00
Uppers, 10/4 to 12/4 . . . . .	250.00
Selects, 4/4 . . . . .	200.00
Selects, 5/4 to 8/4 . . . . .	200.00
Selects, 10/4 to 12/4 . . . . .	225.00
Fine Common, 4/4 . . . . .	165.00
Fine Common, 5/4 . . . . .	180.00
Fine Common, 6/4 . . . . .	180.00
Fine Common, 8/4 . . . . .	180.00
No. 1 Cuts, 4/4 . . . . .	130.00
No. 1 Cuts, 5/4 . . . . .	140.00
No. 1 Cuts, 6/4 . . . . .	150.00
No. 1 Cuts, 8/4 . . . . .	160.00
No. 2 Cuts, 4/4 . . . . .	77.00
No. 2 Cuts, 5/4 . . . . .	107.00
No. 2 Cuts, 6/4 . . . . .	107.00
No. 2 Cuts, 8/4 . . . . .	122.00
No. 3 Cuts, 5/4 . . . . .	65.00
No. 3 Cuts, 6/4 . . . . .	75.00
No. 3 Cuts, 8/4 . . . . .	75.00
Dressing, 4/4 . . . . .	95.00
Dressing, 4/4 x 10 . . . . .	98.00
Dressing, 4/4 x 12 . . . . .	110.00
No. 1 Moulding, 5/4 . . . . .	155.00
No. 1 Moulding 6/4 . . . . .	155.00
No. 1 Moulding 8/4 . . . . .	160.00
No. 2 Moulding, 5/4 . . . . .	125.00
No. 2 Moulding, 6/4 . . . . .	125.00
No. 2 Moulding, 8/4 . . . . .	130.00
No. 1 Barn, 1 x 12 . . . . .	95.00
No. 1 Barn, 1 x 6 and 8 . . . . .	81.00
No. 1 Barn, 1 x 10 . . . . .	85.00
No. 2 Barn, 1 x 6 and 8 . . . . .	67.00
No. 2 Barn, 1 x 10 . . . . .	68.00
No. 2 Barn, 1 x 12 . . . . .	80.00
No. 3 Barn, 1 x 6 and 8 . . . . .	52.00
No. 3 Barn, 1 x 10 . . . . .	54.00
No. 3 Barn, 1 x 12 . . . . .	57.00
No. 1 Box 1 x 6 and 8 . . . . .	45.00
No. 1 Box 1 x 10 . . . . .	46.00
No. 1 Box 1 x 12 . . . . .	48.00
No. 1 Box 1 x 13 and up . . . . .	49.00

## BUFFALO

The following quotations on hardwoods represent the jobber buying price at Buffalo and Tonawanda.

### Sap Birch

1 in . . . . .	\$ 90.00	\$ 55.00	\$ 32.00
5/4 and up . . . . .	100.00	58.00	32.00

## Maple

	1s & 2s	No. 1 Com.	No. 2 Com.
1 in. . . . .	\$ 95.00	\$ 60.00	\$ 32.00
5/4 to 8/4 . . . . .	105.00	65.00	35.00
10/4 to 4 in. . . . .	110.00	70.00	35.00

## Soft Elm

1 in. . . . .	70.00	45.00	30.00
5/4 to 2 in. . . . .	75.00	50.00	30.00

## Red Birch

1 in. . . . .	120.00	75.00	
5/4 and up . . . . .	125.00	80.00	

## Basswood

1 in. . . . .	\$ 85.00	\$ 52.00	\$ 32.00
5/4 to 2 in. . . . .	90.00	58.00	32.00

## Plain Oak

1 in. . . . .	105.00	65.00	35.00
5/4 to 2 in. . . . .	115.00	70.00	38.00

## White Ash

1 in. . . . .	95.00	60.00	35.00
5/4 to 2 in. . . . .	105.00	70.00	35.00
10/4 and up . . . . .	125.00	95.00	35.00

## BOSTON

Quotations given below are for highest grades of Michigan and Canadian White Pine and Eastern Canadian Spruce as required in the New England market in car loads.

White Pine Uppers, 1 in. . . . .	\$232.00
White Pine Uppers, 1 1/4, 1 1/2, 2 in. . .	232.00
White Pine Uppers, 1 1/4, 1 1/2, 2 in. . .	255.00
Selects, 1 in. . . . .	207.00
Selects, 1 1/4, 2 in. . . . .	207.00
Selects, 2 1/2, 3 in. . . . .	232.00
Fine Common, 1 in. 20% 12 in. and up	188.00
Fine Common, 1 x 8 and up . . . . .	188.00
Fine Common, 1 1/4 to 2 in. . . . .	193.00
Fine Common, 2 1/2 to 3 in. . . . .	233.00
Fine Common, 4 in. . . . .	258.00
1 in. Shaky Clear . . . . .	120.00
1 1/4 in. to 2 in. Shaky Clear . . . . .	130.00
1 in. No. 2 Dressing . . . . .	90.00
1 1/4 in. to 2 in. No. 2 Dressing . . . .	100.00
No. 1 Cuts 1 in. . . . .	148.00
No. 1 Cuts, 1 1/4 to 2 in. . . . .	163.00
No. 1 Cuts, 2 1/2 to 3 in. . . . .	193.00
No. 2 Cuts, 1 in. . . . .	95.00
No. 2 Cuts, 1 1/4 to 2 in. . . . .	135.00
Barn Boards, No. 1, 1 x 12 . . . . .	108.00
Barn Boards, No. 1, 1 x 10 . . . . .	96.00
Barn Boards, No. 1, 1 x 8 . . . . .	95.00
Barn Boards No. 2, 1 x 12 . . . . .	81.00
Barn Boards, No. 2, 1 x 8 . . . . .	75.00
Barn Boards, No. 2, 1 x 10 . . . . .	76.00
Barn Boards, No. 3, 1 x 12 . . . . .	60.00
Barn Boards, No. 3, 1 x 10 . . . . .	60.00
Barn Boards, No. 3 1 x 8 . . . . .	58.00

### No. 1 Clear

Can. Spruce, No. 1 and clear, 1 x 4 to 9"	\$85.00
Can. Spruce, 1 x 10 in. . . . .	88.00 90.00
Can. Spruce, No. 1, 1 x 4 to 7 in. . . .	86.00 87.00
Can. Spruce, No. 1, 1 x 8 and 9 in. . . .	88.00 92.00
Can. Spruce, No. 1, 1 x 10 in. . . . .	90.00 92.00
Can. Spruce, No. 2, 1 x 4 and 5 in. . . .	40.00 41.00
Can. Spruce No. 2 1 x 6 and 7 in. . . . .	42.00 44.00
Can. Spruce, No. 2, 1 x 8 and 9 in. . . .	45.00 47.00
Can. Spruce, No. 2, 1 x 10 in. . . . .	46.00 50.00
Can. Spruce, No. 2, 1 x 12 in . . . . .	47.00 51.00

### Spruce Dimension

8" & under 20' & under \$48.00 to \$50.00 base.	
9" & under 20' & under 49.00 to 51.00 base.	
10" & under 20' & under 50.00 to 52.00 base.	

### Merchantable Spruce

2 x 3, 4, 6 and 7 random . . . . .	\$39.00 to \$42.00
2 x 8 and 9 random . . . . .	46.00 to 50.00
2 x 8 and 9 random . . . . .	50.00 to 52.00
2 x 12 random . . . . .	51.00 to 53.00

All other random lengths, 7 in. and under 8 ft. and up . . . . . 40.00 43.00

5 in. and up merchantable boards, 8 ft. and up, D 1s . . . . .	38.00 40.00
1 x 2 . . . . .	40.00 42.00
1 x 3 . . . . .	38.00 40.00
1 1/2 in. Spruce Lath . . . . .	10.00
1 1/2 in. Spruce Lath . . . . .	9.00

### New Brunswick Cedar Shingles

Extras . . . . .	\$ 6.25	\$ 6.50
Clears . . . . .	5.25	5.75
Second Clears . . . . .		3.75
Clear Whites . . . . .		3.75



**Second Hand  
Machinery &  
Equipment  
Wanted &  
For Sale**

# Quick Action Section

**Special Lots  
Of Lumber—  
Positions  
Wanted &  
Vacant**

## Lumber Wanted

WE are always in the market to buy Pulpwood and odd lots of lumber. P. O. Box 643, Montreal. 6-T.f.

### Wanted

Ten carloads Hard Maple 1 1/4" x 3 1/4" x 18" and up in length. For further particulars, apply to Box 155, Canada Lumberman, Toronto. 5-T.f.

### Wanted

Ten carloads of good No. 1 Common and Better 4/4 White winter cut Basswood. For further particulars, apply to Box 191, Canada Lumberman, Toronto. 7-T.f.

### Beech Lumber Wanted

A quantity of first class Bone-dry Beech Lumber, which will dress to not less than 15/16. Quote price F.O.B. Galt, to Maple Leaf Saw Works Galt, Ont. 9

### Wanted to Purchase

5/8 x 3 and up, 5th and better Spruce either dry or green. Also stock of winter-sawed or summer-sawed scant 2". Address H. V. Berry, Fort Plain, N. Y. 7-10

### WANTED

CLEAR MAPLE, 50% in pieces, 1 x 3 x 4' 50% in pieces 1 1/4 x 2 x 4'.  
CLEAR FACE MAPLE STRIPS, 1 1/4 x 3 x 18, 27 and 36" long. Quote f.o.b. Mill. Will inspect and pay cash when loaded.  
POWELL LUMBER & TIMBER CORPN., 43 Davis St., Long Island City, N. Y. 6-9

### Wanted—Birch

and other Hardwoods suitable for the U. S. trade, graded or log run. Cash as loaded. Give loading point and full description together with estimated grades. Wallace H. Partridge, Inc., Springfield, Mass. 5-T.f.

### Birch Lumber Wanted

Several cars of 2" & 2 1/2", Merchantable Quality, complete run of the log, mill culls out, or No. 2 Common & Better. Send offers stating lowest cash price f.o.b. mill, to Box 179, Canada Lumberman, Toronto. 7-10

### Lath Wanted

For Detroit delivery: 10 cars 4' No. 1; 10 cars 4' No. 2; 5 cars 32" Mill Run—all White Pine. For Cleveland, Ohio, delivery: 2 cars 32" Mill Run White Pine, Lath must be well manufactured (3/4" x 1 1/2") and carefully graded. Brewster Loud Lumber Co., 333 State Street, Detroit, Michigan. 6-9

### Wanted to Buy

Several million feet of 2" and 3" by 4" and wider Merchantable Quality 4ths and Better Spruce. Send particulars giving description of stock, specification as to widths and lengths, quoting lowest cash price f.o.b. mill, to Box No. 186, Canada Lumberman, Toronto. 7-10

### Wanted to Buy

5 cars 4' No. 2 White Pine Lath.  
5 cars 4' No. 3 White Pine Lath.  
5 cars 4' No. 3 Red Pine Lath.  
5 cars each 2 x 4—16', 2 x 4—10 to 16 and 2 x 8—12'—14'—16' Jack Pine or Spruce.  
Duttweiler Weiler Lumber Co., 413 The Arcade, Cleveland, Ohio. 7-10

### Wanted to Buy

Hard Slab Wood; Cord Wood; Soft Slab Wood; delivery beginning August. State quality, quantity, prices by car lots to Thomas Dunn & Company, 406 Aylwin St., Montreal, Que. 9

### PUBLISHER'S NOTICE

Advertisements other than "Employment Wanted" or "Employees Wanted" will be inserted in this department at the rate of 25 cents per agate line (14 agate lines make one inch). \$3.50 per inch, each insertion, payable in advance. Space measured from rule to rule. When four or more consecutive insertions of the same advertisement are ordered a discount of 25 per cent. will be allowed.

Advertisements of "Wanted Employment" will be inserted at the rate of one cent a word, net. Cash must accompany order. If Canada Lumberman box number is used, enclose ten cents extra for postage in forwarding replies. Minimum charge 25 cents.

Advertisements of "Wanted Employees" will be inserted at the rate of two cents a word, net. Cash must accompany the order. Minimum charge 50 cents.

Advertisements must be received not later than the 10th and 20th of each month to insure insertion in the subsequent issue.

### Dry Hard Maple Wanted in Carload Lots

1 1/4" x 3" in lengths of 18", 27", 36", 45" etc.  
1 1/4" x 3 1/4" same lengths.  
1 1/4" x 2 1/2" x 49" one half each size.

All to be free from defects.  
Will contract for mill cuts of hard maple to be sawn into these sizes after lumber is dry, shipment next summer and fall.  
Box No. 989, Canada Lumberman, Toronto. 3-T.f.

### DIMENSION STOCK

We want to buy dry stock for prompt shipment or for future shipment.

#### FURNITURE SQUARES

2 x 2 — 19" 2 x 2 — 30"  
2 1/2 x 2 1/2 — 30" 3 x 3 — 30"

Write us if you can furnish and quote prices to

THE TUNIS LUMBER COMPANY  
P.O. Box No. 750. Cincinnati, Ohio. 8-11

## Lumber For Sale

### For Sale

Slack barrel and keg material by the carload. R. J. Miller, Blacklands, Siding, N.B. 3-14

### For Sale

1 Car 3" Soft Elm (Dry) Mill Run F.O.B. Toronto. Box 233, Canada Lumberman, Toronto. 9

### For Sale

3,000 Cedar Ties, suitable for Industrial Sidings. C. Beck, Mfg. Co. Ltd., Penetanguishene, Ont. 9-10

### Dry Hardwood for Sale

100,000 ft. Birch, Maple, Beech, Oak and Ash Sawn 2", 3" and 4" thick. Chapeau Lumber Company, Fort Coulonge, P.Q. 4-T.f.

### PULPWOOD

We can supply and would like to contract for 5,000 cords peeled poplar pulpwood and 2,000 cords of peeled spruce and balsam for delivery winter 1924. Address reply to Box 200, Canada Lumberman, Toronto. 8-9

## Machinery For Sale

### For Sale

1 Waterous Pony Bond \$635.00. 1 E. Long 36" right hand Edger with 3 collars, \$365.00. All in good condition. Box 136, Canada Lumberman, Toronto. 5-10

### For Sale

One heavy double surfacer 26", in good order, divided rolls on top, opens 8" high. J. & W. Duncan, Ltd., 1801 Ontario St. E., Montreal, Que. 8-11

### For Sale

A Woods Planer—knife 27 inches, double surface, three knives for each cylinder, endless bed, in perfect running order. The Megantic Broom Mfg. Co. Ltd., Lake Megantic Quebec. 9-12

### Corliss Engine for Sale

One Goldie & McCulloch tandem compound Corliss condensing engine, latest type, 16" x 30" x 36"; fly wheel 14' x 32" face; almost as good as new; can be seen at our plant here. The T. H. Taylor Company Limited, Chatham, Ontario. 8-11

### For Sale

One Jenckes Boiler 12' x 54".  
One Jenckes Boiler 14' x 60".  
One 16" x 20" Jenckes Slide Valve Engine.  
Above all complete with fittings and in first class condition. Further particulars on request. Bissell-Irwin Lumber Company, Sherbrooke, Quebec. 8-11

### For Sale

LANE NO. 2 SPECIAL SAWMILL  
Steam feed, Edger, log haul-up, engine, pump and other machinery at Platt Cove, N.Y. Tubular boilers, engines, pulpwood rossers, etc., at Tupper Lake, N.Y. The Santa Clara Lumber Co., Tupper Lake, N.Y. 8-11

### Used Machinery for Sale

Having installed larger machines, we are offering a 74" Veneer Lathe, can be seen daily in operation, 37" Model "E" Francis Glue Spreader for waterproof glue, 6, 38" Four Screw Iron Veneer Presses. Hay & Company, Limited, Woodstock, Ontario. 8-11

### Wickes Gang

GANG: No. 12 Wickes Gang, 40" sash, 15" stroke, steam boiler rolls, front and back in two sections, feed and oscillation combined, 1908 model, and has been in use for five years. We furnish with this gang 11 rolls for cants and stock, one filing machine, and 4 sets of saws.

THE PEMBROKE LUMBER CO.,  
1 T.f. Pembroke, Ont.

## GOOD VALUES

### Subject to Prior Sale

Band resaw, Connell & Dengler, 54" and 60".  
Band resaw, Mershon 54" Standard.  
Band rip saw, Yates No. 281.  
Circular resaw, 44".  
E. B. Hayes, Dowel Gluer and Driver, Joints, 16" and 24".  
Matcher, Woods No. 403 double profiler.  
Matcher, Woods, 15" No. 24 square head.  
Matcher, Sherman Hardwood Flooring End.  
Matcher and Sizer, 30" x 12", American.  
Matcher, Hardwood American No. 229.  
Moulder, Woods No. 2 light inside.  
Moulder, Smith 10" four side.  
Moulder, Woods 12" 5 head inside.  
Planers, all sizes single and double.  
Sanders, three drum, 30", 42", 48" and 60".  
Saws, circular, power feed, several makes.  
Timber Sizers, Yates 20 x 14.

Woodworking Machinery Co., of Buffalo,  
54 Mechanic St.,  
9-E.o.I.-T.f. Buffalo, N.Y.

### For Sale

1 pair twin Engines, 12 H.P. Waterous make, feed for Saw Carriage, with rope and connections, open for inspections. Price \$150.00 F.O.B. cars. About 50 boom chains with bar and ring, 7/16 x 3/8—7" & 8" long, in good condition. Price each F.O.B. cars \$2.00. Parker Bros., Parkersville, Ont. 8-9

### Corliss Engine for Sale

An E. Leonard & Sons 18" x 36" horizontal 175 h.p. Corliss Steam Engine; heavy duty girder frame and outbearing; 12' x 24" band wheel and ball governor; in first class condition. Will sell at a bargain. The American Pad & Textile Co., Chatham, Ont. 6-9

### Engines, Boilers, etc., for Sale

One "Williams" Upright Engine 6" x 6".  
One Upright Engine 5" x 6".  
Six return tubular boilers of following dimensions:—  
One "Butterfield" 72" x 14'—3 1/4" tube—3/4" shell.  
One "Polson" 64" x 14'—3 1/4" tube—1/2" shell.  
One "Doty" 60" x 15'—4" tube—1/2" shell.  
One "Doty" 60" x 15'—4" tube—1/2" shell.  
One "Doty" 60" x 14 1/2'—4" tube—1/2" shell.  
One "Ingis" 60" x 16'—3" tube—1/2" shell.  
One double acting "Northey" Fire Pump, 6" suction, 5" discharge, 14" steam cylinder, 8" water cylinder, 13" stroke, capacity 450 gallons per minute.  
One "Northey" feed pump 6 x 4 x 7" stroke, capacity 60 gallons per minute.  
One brass mill steam whistle.  
For further particulars apply The Conger Lumber Co. Limited, Parry Sound, Ontario. 13-E.o.I.-T.f.

## Saw Mill Machinery for Disposal

From the Plants of the Davison Lumber and Manufacturing Co. Bridgewater and Springfield, N. S.

1—Giddings & Lewis 8 ft. Band Mill with Allis-Chalmers Carriage Steam Feed Cylinder, 11-in. x 54-ft. complete with all equipments.

1—Giddings & Lewis 6-ft. Band Mill with New Waterous Carriage, Steam Feed Cylinder 9-in. x 48-ft complete with all equipment.

1—Giddings & Lewis 6-ft. Horizontal Band Resaw.

2—84-in. Diamond Iron Works 14 Saw Edgers.

1—Harmon 13 Saw Gang Trimmer with pneumatic control to each saw.

1—Diamond Iron Works Gang Saw.

1—Hamilton-Kendall Circular Gang Saw.

1—No. 1 1/2 Hill Steam Driven Drag Saw.

1—Hill 12-in. x 24-in. Vertical Steam Driven Cord Wood Splitter.

1—Appleton Belt Driven Horizontal Cordwood Splitter.

1—Diamond Iron Works Heavy Type Friction Log Haul-up.

1—18-in. x 10-in. x 12-in. Worthington Duplex Brass Fitted Underwriters' Fire Pump Cap. 1000 Gallons per minute.

Filing Room Machinery and Equipment, consisting of Band, Circular and Gang Sharpeners, Re-Toothers, Shears, Anvils, Brazing and Filing Clamps.

Steam Deck Equipment consisting of Steam Niggers, Kickers, Loaders, Gang Skids. Planer—1 practically new Yates No. 10—30-in. x 10-in. Planer and Sizer with side Head Grinder.

All the above for immediate disposal at low prices. Write or wire for full particulars.

### Address

**Fleming & MacLeay, Agents**  
Bridgewater, N. S.



## Machinery for Sale

- 1—72" x 16' H.R.T. Boiler, complete with all fittings, 100 lbs. W.S.P.
- 1—60 H.P. Locomotive Firebox Boiler, complete, stamped for 130 lbs. W.S.P.
- 1—70 H.P. Locomotive Firebox Boiler, complete, stamped for 115 lbs. W.S.P.
- 1—3-saw Double Edger, E. Long & Co. Manufacturer.
- 2—Surface Planers, 24" and 26".

LEVY & WESTWOOD MACHINERY  
COMPANY, TORONTO. 8

## Sawmill Machinery for Sale

William Hamilton double cut 8' band mill with 9 saws, 40" heavy duty carriage, steam feed 16" x 44" complete with all equipment. Edger—4 saw right hand drive—E. Long Manufacturing Co.

Waterous Hog—12 x 12 opening with friction clutch and lever complete.

Steam Engine—16" x 20" William Hamilton.

Refuse Burner—65" x 22" Brick Lined, spark arrester and grates complete.

Planer—24" Connell & Dengler with 30" Buffalo Blow r.

Live Rolls, Slab Slasher, Trimmer, Bevel Cars, Band Saw Grinder, Shear, Saw Roller, Brazing Forge, Vise, Automatic Lap Grinder, Wheel Grinder, Log Conveyor Chain and Slush Chain.

All of the above for immediate disposal.

Communicate

Beaver Wood Fibre Co. Limited,  
Cochrane, Ontario. 9-10

## Situations Wanted

EXPERIENCED LUMBER SALESMAN and buyer. Good connections in Ontario and Province of Quebec, both languages. Box 221, Canada Lumberman, Toronto. 8-9

POSITION WANTED by a first class Band Saw filer, 20 years experience. No job too large. Box 15, Canada Lumberman, Toronto. 5-10

EXPERIENCED LUMBER SALESMAN, good connections Ontario and New York State, open for engagement end of March. Box 240 Canada Lumberman, Toronto 9-10

WANT to communicate with Lumber Co., desirous of securing a permanent bookkeeper familiar with woods and mill office work. Box 232, Canada Lumberman, Toronto. 9-12

POSITION WANTED by competent man as foreman in planing mill and factory. Good draughtsman. Box 227, Canada Lumberman, Toronto. 9

WANTED—Position as Superintendent or Manager of Lumber company. 20 years experience from stump to market. English and French languages. Box 222, Canada Lumberman, Toronto. 8-9

WANTED—Position as manager or superintendent of lumber company. Eighteen years practical experience. Six years as manager. Best of references, both languages. Thirty-seven years old, married. Box 204, Canada Lumberman, Toronto. 8

WANTED—position as superintendent or yard foreman with wholesale lumber firm, or would superintend a cut. Have 20 years practical experience, married, age 34, lumbermen investigate. Apply Box 230, Canada Lumberman, Toronto. 8-9

POSITION WANTED as bookkeeper with lumber manufacturer by competent man of 25. Have had retail lumber experience in sales department and can handle correspondence. Location no object. At present unemployed but could commence new duties immediately. Best of references. Apply Box 242, Canada Lumberman, Toronto. 9

### Position Wanted

Experienced lumber shipper and yard foreman, having twenty-five years experience, familiar with all kinds and grades of lumber. Best references. Box No. 228, Canada Lumberman, Toronto. 9

YOUNG MAN, 24, wishes progressive position with lumber firm. 3½ years experience in lumber manufacturers' office and yard. Experience shipping cars and cargoes. Payrolls and general office routine. Can operate, typewriter. Prefer part outdoor work. Go anywhere. Box 169, Canada Lumberman, Toronto. 6-9

HAVE YOU A PLACE in your concern for a young man of ability, integrity and 5½ years' experience in lumber offices? I want to secure a permanent position that has good future with Wholesaler or Manufacturer. Have good knowledge of all departments but would prefer position in Order and Sales department. Excellent references furnished and replies treated confidentially. Box 208 Canada Lumberman, Toronto. 8-9

## Situations Vacant

PLANING MILL FOREMAN wanted for large Spruce mill in Northern Manitoba. Must be familiar with modern equipment and thoroughly capable of setting up machines making knives and filing. Apply to J. L. Nevison, 302 Brass Building, Toronto. 9

REQUIRED—Experienced lumber buyer and inspector of both hardwood and softwood lumber. One understanding National Rules preferred. Must be acquainted with mills and have knowledge of buying and selling values. Apply in strict confidence, stating age, experience and salary expected to Box No. 212, Canada Lumberman, Toronto. 8-11

## Sawmill Man of Executive Ability Wanted

To handle sale and management of new acquisition to sawmill equipment which will revolutionize the problem of dry stocks. Must have good connection. One who will become financially interested preferred. Splendid proposition with undoubted future. Box 241, Canada Lumberman, Toronto. 9

## Business Chances

### For Sale or Exchange

For block of timber, general store, good stock and doing good business. For full particulars apply Box 203, Canada Lumberman, Toronto. 9-12

### Business Opportunity

Want partner for woodworking business; moving and enlarging. Man with \$10,000 to \$12,000 capital and experienced in factory production preferred. Box 159, Canada Lumberman, Toronto. 6-9

### Lumbermen

Please send your stock sheets with prices delivered, Detroit on hardwood lumber, also customer's contract for mill-cuts to A. H. David, 2626 Taylor Ave., Detroit, Mich 1-11

### For Sale

Mill and Timber Limits for sale. Timber large proportion Hardwood. Mill twenty thousand capacity. Large cattle and breeding ranch. Will sell with or without ranch. Located in Eastern Ontario. Address Box No. 50, Canada Lumberman, Toronto. 22T-f.

### Business Chance

Good investment for sums up to \$20,000.00 in well established lumber business in the city of Toronto. Would consider employing experienced lumberman with capital to invest. Apply Box 238, Canada Lumberman, Toronto. 9

### For Sale

At Excelsior P.O., West Bay, Good Hardwood Sawmill, 9 to 10M. ft. per day, good large frame building. Dandy boiler and engine, also Lathe and Shingle Machine 50 H.P. Everything in good order, a bargain at \$3,000 part cash, balance on easy terms. Apply H.L. Corbiere, Little Current, Ont. 9

### Sawmill and Timber Limit for Sale

Saw Mill located on the Canadian National Railway, Rawdon, Que., fully equipped, with 18 square miles of limits, assorted timber, at a bargain.

For further particulars apply  
R. H. Miner Company, Ltd.,  
207 St. James St.,  
Montreal.

7-10

Montreal.

### For Sale

Rixon-Ainslie-Stoddart Sawmill at Owen Sound. Splendid power plant and machinery. Will be sold cheap. Apply Keenan Bros., Ltd., Owen Sound, Ont. 23 T.f.

### Wanted

To buy a whole or controlling interest in a timber proposition of real merit. Preferably Northern Ontario. Apply S. A. M., 9 College Street, Toronto. 6-9

### For Sale

SPECIAL OPPORTUNITY, to join with owner of valuable timber property on waters tributary to main line of C. P. R. in British Columbia.

Cedar, Spruce, White Pine and Hemlock 120,000,000 feet.

Would dispose of part interest on very attractive basis.

Full particulars on application to H. Y. T. 9 College St., Toronto. 5-10

### For Sale

Free Hold Timber limit, 8 square miles, 80% spruce balance balsam and jackpine. A sawmill with modern machinery and complete outfit. Sale in block or at \$2.50 per cord standing, limit situated at Greening, Quebec.

For information call  
JULES BRETON, Manager,  
The Bedard Lumber Company Limited,  
6-9 Joliette, Quebec.

### For Sale Cheap

Circular Sawmill, Building and Machinery, Steam Feed, suitable for Ties and Lumber.

### also

Small two-storey Brick Factory, well-located, with or without woodworking machinery. Apply to John Harrison & Sons Co., Limited, Owen Sound. 24 T.f.

### For Sale

Timber Berth No. 200 in the Township of Moira on the North shore of Lake Huron containing 34½ square miles more or less. The limit contains mainly white pine, there is also a large quantity of spruce, cedar, birch and hemlock. A list of supplies on hand and equipment may be seen at the depot. A complete logging and driving outfit consisting of sleighs, boats, two gasoline launches, thirty-four horses, etc. Tenders will be received by Fraser & Co., 74 Nepean St., Ottawa, up to the 10th of May 1923. Further particulars may be had on application. 5-9

### FOR SALE—MILL AND TIMBER IN WEST KOOTENAY, B.C.

To close an estate we offer for sale 3,708 acres of timber, virgin forest, consisting of cedar, pine, hemlock, spruce and fir estimated at 93,000,000 feet (logs), 100,000 telephone poles and 500,000 split fence posts, together with mill, yards, office building and cottages. The mill is situated at Koch's Siding and the timber is on the Little Slokan River, about 6 miles distant. Transportation is all that could be desired. The entire property can be purchased at a reasonable figure. We desire inspection and offer. Terms will be granted to responsible parties, and for particulars communicate with the BANK OF MONTREAL, New Denver, B.C. 9-12

## Pulpwood Limit

We have for sale licenses on two townships of about 72 square miles between Parry Sound and Sudbury. The timber on these townships is mostly poplar pulpwood and is exportable to the United States. Also there is a large quantity of other timber, spruce and balsam pulpwood, jack pine ties, elm, oak, etc.

The longest haul to the railroad would be about six miles and the average around three miles.

For further particulars apply to

Mulholland and Company  
23 Jordan Street, Toronto, Ont.

6-9

## FOR SALE

SAW MILL—Parry Sound District capacity 15 to 18 thousand daily, most complete and up to date equipment, Waterous Carriage—live rolls — Edger — Trimmer—3 high lumber Cars—Trucks, Wagons, Sleighs, Horses —situated on lake and within ¼-mile of C.N. Railway siding into property—loading platform—on 500 acres land, 100 cleared, balance good cordwood—excellent timber district. Camp has four small dwellings, one large boarding house, 2 sleep camps, stable blacksmith shop, ice house, stove house. Will be sold at a sacrifice for cash, or will consider part cash and part productive real estate Box 236, Canada Lumberman, Toronto. 9



## TENDERS FOR PULPWOOD AND TIMBER LIMIT

Tenders will be received by the undersigned up to and including the 22nd day of June, 1923, for the right to cut pulpwood and timber on a certain area situated in the watershed of the Trout and Chapleau rivers in the district of Sudbury, comprising an area of 1,049 square miles.

Tenderers shall state the amount per cord on pulpwood that they are prepared to pay as a bonus in addition to dues of 80 cents per cord for Spruce and 40 cents per cord for other pulpwoods, or such other rates as may from time to time be fixed by the lieutenant-governor-in-council, for the right to operate a pulp Kraft mill and a paper mill.

Tenderers shall also be required to say what they are prepared to pay, per thousand feet board measure, for the following classes of timber, over and above the upset prices in addition to crown dues:

Red and white pine, upset price, \$6.00 per M. ft. B.M.

Spruce (too large for pulpwood), \$5.00 per M. ft. B.M.

Jackpine (banksian), \$2.50 per M. ft. B.M.

The crown dues on pine including Jackpine being \$2.50 and on Spruce \$2.00 per M. ft. B.M. or such other rates as may from time to time be fixed by the lieutenant-governor-in-council.

The successful tenderer shall be required to erect a mill or mills within the limit or at some point in Ontario approved by the minister, and to manufacture the wood into Kraft pulp, and also such portion thereof into Kraft paper when required so to do.

Parties making tender will be required to deposit with their tender a marked check payable to the honorable the treasurer of the Province of Ontario, for fifty thousand dollars (\$50,000.00) which amount will be forfeited in the event of the successful tenderer not entering into agreement to carry out conditions, etc.

The said (\$50,000.00) shall remain on deposit until the Kraft pulp mill, as provided by terms and conditions of sale, is erected and in operation. Any timber cut in the meantime shall be subject to payment of dues and bonus as accounts for same are rendered. After the said pulp mill is erected and in operation the deposit of \$50,000.00 may be applied on account of bonus dues as they accrue, but the regulation dues as mentioned above shall be paid in the usual manner as returns for cutting of wood and timber are received and accounts rendered.

The highest or any tender not necessarily accepted.

For particulars as to description of territory, capital to be invested, etc., apply to the undersigned.

All tenders should be enclosed in sealed envelopes and marked plainly on outside "Tender for Trout-Chapleau Pulp and Timber Limit."

BENJAH BOWMAN,  
Minister of Lands and Forests.  
Toronto, April 16th, 1923.

N.B.—No unauthorized publication of this notice will be paid for. 9-12



## The Canadian Land and Immigration Company of Haliburton, Limited

This Company owns in fee simple over 300,000 acres of timber lands in Central Ontario. These lands are well timbered with Spruce, Balsam, Hemlock, Basswood, Birch, Maple, Ash and Cedar and considerable Pine.

The timber on this property will be sold in blocks of from 10,000 to 50,000 acres with a reasonable time to take same off. Or the land and timber will be sold together.

There are two Railroads running into the property, one into the Southwest corner and the other into the Southeast corner.

This territory is so well interspersed with lakes and rivers that the cost of getting out the timber is comparatively small.

As the property is held in fee simple there are no Government dues or restrictions as to manufacture, therefore, anything cut on the property can be exported in its raw state.

Maps and plans and further particulars will be given on application to the undersigned.

W. H. LOCKHART GORDON,  
Managing Director,  
79 Adelaide Street East,  
Toronto.

6-9

## Miscellaneous

### For Sale

5 cars 32" white pine lath 1922 cut.  
5 cars 4/4 to 12 No. 2 white pine culls, dry.  
Box 770 Canada Lumberman, Toronto. 9

### For Sale

20 double lumber wagons, principally Bain manufacture, 4" tires. Apply Barrett Bros.,  
260 Catherine St., Ottawa. 8-9

### For Sale

Steam Saw Mill complete. Waterous outfit, double edger, steel rails, log track and lumber tract, also first class building, loaded on cars or where it stands. Will take lumber in exchange. Duncan Campbell, Moffat, Ont. 9-12

D. FLORENCE & SONS  
Bethune St., Peterborough, Ont.  
Dealers in Scrap Iron, Metals, Second-Hand Machinery, Pipes, etc. 2-24

## Scrap Iron Wanted

All kinds of scrap iron and broken machinery bought at all times. Highest market price paid. D. Florence & Son, Peterboro, Ont. 7-10

## Exodus of Canadian Labor to United States Reported

There is a big exodus of skilled workers from Montreal to American centres, and this also applies to semi-skilled labor. It is beyond dispute that there has been a very large exodus of these workers, although it is impossible to give actual figures. There seems to be a deep-seated feeling among the workers of Canada that they are not getting an "even break." There is the feeling that much might have been done to stabilize things for them, which has not been done, and it is these things left undone, as well as the happenings of the last four years, which has culminated in the widespread exodus of workers from Canada.

Wages, of course, are much lower in Canada than in the United States, in almost every branch of industry, while the cost of living here is higher than in the United States. In some parts of the United States plasterers and bricklayers are getting very high

wages and large numbers of workers in these trades are leaving Montreal almost daily. This is causing a rise in wages offering here, and tile setters are now getting as high as \$2.50 per hour.

## The Egyptian Lumber Market

Egypt imports many millions of feet of small hewn poles to be used in the construction of native huts, and there seems to be an opportunity for the disposal of low-grade material from this country. The present sources of supply of this stock have been Northern and Eastern Europe. Finland is a large supplier, shipping about 50,000,000 feet of such stock in 1913. It is not believed that this exportation can be continued on a large scale, because such timber has largely been cut from young trees, and this is being prevented by law. On the other hand, in various parts of Canada enormous quantities of top logs are left in the forests because it has not paid to take them to the sawmills.

The timber used goes under the name of Egyptian balks. The dimensions are: 3x3, 3x4, 4x4, and 4x5. The lengths run from 15 to 25 feet, but 25-foot lengths are rare. Resinous woods are generally preferred. The stock is hewn on all four sides, but may have a wane from the top extending along the length of the tim-

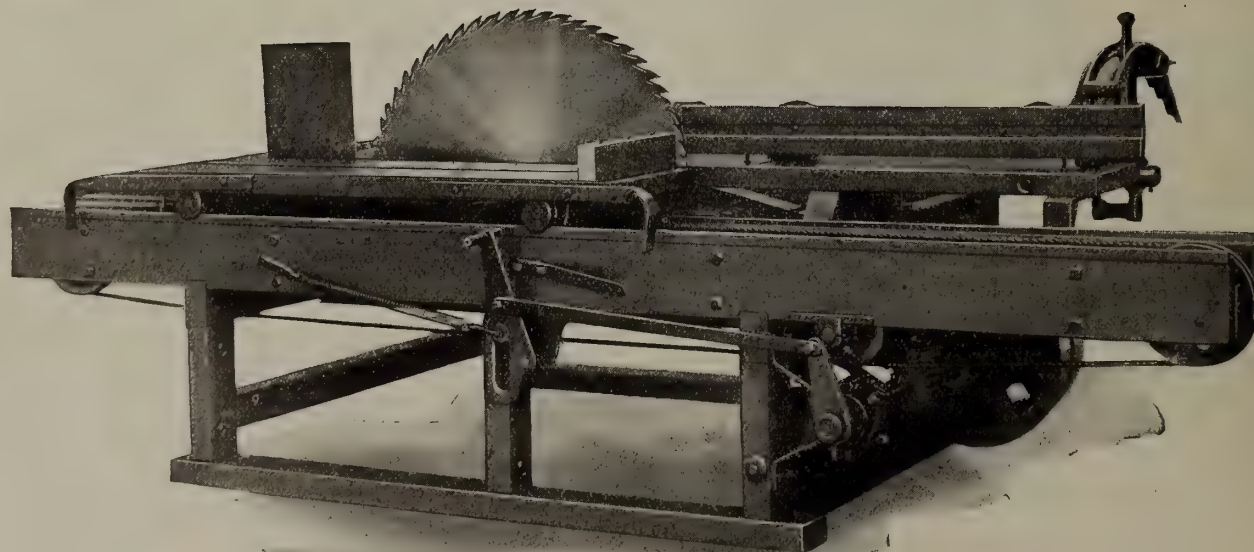
ber. At the butt and at the middle, the timber must hold the required measurements.

The quality is inferior to other kinds of hewn timber and the consumers are not particular in regard to number of knots, discoloration, crooks and other defects. It must be remembered that this material goes into the construction of very cheap native huts. It can, therefore, not be compared with the usual grade of building construction timber in Canada. Even a small amount of rot is tolerated. The present price paid for this stock landed in Alexandria, Egypt, is about \$34 per thousand feet (based on measurements taken at the middle).

## Board is Combating Popular Errors About Building Costs

A survey has been made by the Cleveland Board of Lumber Dealers as to the high cost of building. The survey shows the difference of cost between March of 1920, when prices were at their highest, and March of 1923. In 1920 the cost of 17,500 feet of lumber entering into a house was \$2,023. In 1923 the same amount of lumber cost \$1,370, showing a decrease in price of about 30 per cent in three years. Further figures are being prepared by the board.

# "Superior" Automatic Bolter



The Superior Automatic Bolter was designed and built especially for Fraser Co's. Ltd., for use in their lath mills.

A feature of this machine is its simplicity, great strength and enormous capacity for hard, continuous work. It will make from 12 to 15 cuts per minute and is ideal for sawing mining lath, bolting round wood for house lath, or bolting white birch for spool bars. The hand lever on the side gives the operator full control of the machine

at all times, as to stopping and starting, either forward or backward. A small dog holds the control lever in the stop position.

Prices and full particulars may be obtained by writing—

**THE SMITH FOUNDRY CO., LTD.**

Fredericton - New Brunswick



New **RAILS** Relaying  
12 to 80 pounds per yard

**LOGGING CARS**

**Jno. J. Gartshore**  
58 Front St. West, Toronto

**The Otis Staples Lumber Co., Ltd.**  
Wycliffe, B. C.

**Larch and Fir**

Dimension

Clears

Boards

Crating

Shiplap

Box Lumber

Edge grain larch flooring a Specialty

**Western White Pine**

Clears and Commons

Inquiries handled from our Eastern Office:

**1304 Bank of Hamilton Bldg., TORONTO**

Phone  
Main 5345

R. G. Chesbro,  
Manager

# Wanted at Once

100 to 200 M ft. of 2 x 4 to 2 x 12-10/20 ft. merchantable hemlock—Also the same quantity of good mill run Jack pine. Mill culls out in 2", 3" and 4" thicknesses. State lowest prices and full particulars as to quantity, sizes and if trimmed or not.

**EXCELSIOR LUMBER CO.**

Address 33 Richmond St., Toronto

Phone M. 3551

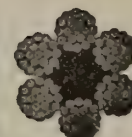
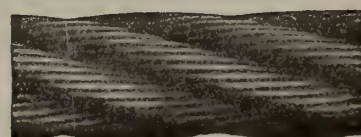
**CLIMAX GEARED LOCOMOTIVES**  
ARE BUILT FROM 12 TO 90 TONS



Get  
Catalogue  
"K"

CLIMAX MANUFACTURING Co., CORRY, PA.  
CLIMAX LOCOMOTIVE CO., 67 COLUMBIA ST., SEATTLE, WASH.  
VANCOUVER MACHINERY DEPOT, LTD., VANCOUVER, B.C.

# WIRE ROPE



**"We have the Right Rope for every purpose"**

The contributing factors in making good Wire Rope are: 1. Men who know how. 2. The best grade of materials. 3. The most modern machinery. We have all three and are producing the goods. Give us a trial.

**We solicit your enquiries. Write for our catalogue.**

Stock carried in Montreal by J. H. HANSON CO. LTD., Agent

**Canada Wire & Iron Goods Co., Hamilton**

Stock carried in Edmonton and Calgary  
N. F. Judah, McLeod Building, Edmonton, Agent

**MU**

ORGANIZED 1898

# remember

The Best Fire Insurance and Service for Lumbermen

**Rankin-Benedict Underwriting Co.**  
Kansas City, Mo.

SAVINGS RETURNED TO LUMBERMEN	\$2,897,595.89
LOSSES PAID TO LUMBERMEN	\$8,274,543.31
SURPLUS AND REINSURANCE RESERVE	\$2,375,621.05



# Review of Current Trade Conditions

## Montreal Reports that Prices Show Ascendancy

In Montreal the demand for almost every line of lumber remains good, with prices showing a still higher tendency. There is, in fact, a danger of the advance being overdone, although wholesalers as a rule express decided opinions against running up values much higher. They fear that this will stop consumption and cause a strong reaction and heavy losses. Conditions are not without their pitfalls. Prospects appear excellent but they may rapidly change if prices are put up to a level which will discourage buying.

Nor is this danger confined to Canada. The higher levels have been secured mainly because of the demand from the United States, which continues to be very brisk owing to active building there. We know that under this building revival prices of builders' supplies, and especially of labor, have substantially increased. This involves a large addition to building costs, and if these continue to gain, there is likely to be a check to the constructional programme, which in its turn, will be reflected in a drop in the call for Canadian lumber. This will, of course, chiefly apply to the softwoods.

Montreal retailers, as a class, are not stocking up. They are rather afraid of being caught with heavy supplies and prefer to buy for immediate requirements only, taking a chance as to further advances. Although some retailers are rather sceptical as to building prospects, there appears to be little ground for their opinions. There is every chance that building will be active from now on, a large number of projects having already been let. The most extensive apartment house in Canada has been commenced; several schools are planned and additional office buildings are to be erected. There is a possibility that skilled labor will be scarce, owing to the large number of men going to the United States, attracted by high wages, rates which cannot be paid in Canada. It is pretty certain, however, that there will be a general advance in Montreal.

There is a fair amount of activity in the sash and door and interior woodworking plants. The hardwood section remains as firm as ever. There is no let-up in the buying and there is no difficulty in disposing of desirable stocks. Lath is a strong market. The mills are holding for good prices with a satisfactory demand.

Navigation will open on May 5th but indications are that shipments to the United Kingdom will not be on a large scale during the early part of the season. The prospects for spruce are stated to be not bright owing to the low prices at which Scandinavian wood is selling as compared with Canadian lumber.

## Conditions in Ottawa Lumber Market are Brisk

Conditions in the Ottawa lumber market during the closing part of April showed a decided improvement as to the volume of business done, and the outlook for the future brightened. Prices remained absolutely firm. In some quarters it was believed that the new price list of the manufacturers was too high for some grades? Red pine and some grades of mill run spruce advanced.

Taken all around the situation appeared good, and even if a slight drop is eventually noted in the new prices of the manufacturers, the volume of business promising would warrant, at least, a fair profit, if the stocks in demand were to be had.

For once in many months trading with the United States yards and with the Canadian yards was reported as being good. Dry stocks in the manufacturers' hands were reported to the correspondent of the "Canada Lumberman" to have been practically exhausted and orders were still coming in. In many circles of the trade it was declared that practically all dry stocks in the hands of the manufacturers had been bought up.

Orders came in freely from the United States yards and there was also a noticeable improvement in domestic requisitions. The demand from the United States was for practically all grades of spruce and pine. Retail yards were reported to becoming well stocked to take care of the spring trade.

Railway cars were fairly plentiful, but the operation of old embargoes particularly on the New Haven and New Hartford Railway, tended to hold up several shipments. Labor was said to be plentiful both for woods and sawmill operations.

With the woodworking factories which reported they are not yet particularly busy, the labor situation is somewhat uncertain, as the sash, door, cabinet and interior wood finishers have put in a demand for a new agreement calling for an increase of twenty per

cent over last year's rates. Eleven firms and about three hundred men are effected. The men, though they are asking for increased wages state they are willing to work nine hours per day or a 50 hour week. Wages at present run from 35 to 50 cents per hour. The last increase was in May 1920 following the memorable woodworkers strike. The new agreement sought is to be operative from May 1st.

With the woodworking factories being only fairly busy, it was intimated to the correspondent of the "Canada Lumberman" that there would not likely be any substantial advance made in wages, if any.

One or two of the larger factories to give employment to their men during the winter months manufactured reserve stock, which due to the cold weather, has not moved as the spring so far has been a backward one for the actual undertaking of new building. Very few excavations for new homes or business establishments have been started at Ottawa on account of the cold weather. It is expected at Ottawa that it will be around May 15th, before building this year gets properly under way.

The volume of new building up to the time of writing is greater than that during the same period of 1922. Among some of the big undertakings is the erection of the Ottawa Auditorium, a new bank of Nova Scotia on Sparks street, a new nurses home costing \$500,000 in the Civic Hospital, the erection of the new Stevens Estate block at the corner of Bank and Sparks street, as well as a large number of lesser operations and many residential projects.

While the situation from the sales end was good and was daily growing brighter the conditions in the woods camps grew worse, with some companies. This was due largely to the delayed arrival of spring weather, and heavy falls of snow, which tied up, in several instances logging operations. In the Kippawa district 22 inches of snow was reported to have fallen during the week end commencing April 14th.

The late arrival of spring and the heavy snow and ice conditions will mean a late start of the sawmills throughout the Ottawa Valley. Few of the Ottawa plants expect to open much before May 15, unless a warm spell suddenly arrives or they have logs on hand at the mill.

The general opinion expressed by members of the trade is that the outlook is good for a fair volume of business this year.

A helpful sign in connection with the building situation is the prediction made by members of the Ottawa branch of the Canadian Building and Construction Industries Association, that there would be no strike among the ranks of the building trade this year. The contractors had signed new agreements with the bricklayers and carpenters. The bricklayers are to receive \$1 per hour, an advance of 15 cents per hour over last year's rate. The carpenters get 75 cents this year, an increase of 5 cents per hour over 1922 wages. The building laborers have signed up at 45 cents per hour which is last year's wage. The plumbers have a two year agreement at 85 cents per hour. The stonemasons have been offered \$1 per hour and will likely accept. The members of the electrical workers union, and the sheet metal workers union, are negotiating for new agreements.

## Business in Ontario Picks up With Fine Spring Days

Business in the lumber line in Ontario has been very fair during the past two weeks. The number of inquiries continue active, dry stock is getting scarcer, prices on some lines are rising and delivery service has greatly improved. The cold weather during the middle of April held up building operations and caused trade to stagnate to a large extent, but with the advent of warmer days, a more optimistic feeling prevails and everything is looking brighter and better.

The lumber business is maintaining its stride generally and the influence of the building situation is, probably, the most poignant of all lines of lumber consumption. The number of permits issued in the larger cities keeps up well and there is a strong demand for softwoods of all kinds, while hardwood flooring and interior trim plants are well employed. Business with the rural yards has not been any too brisk as yet owing to the lateness of the season and the fact that most dealers have plenty of material and are not disposed to buy more until the footage on hand is reduced.

The majority of sawmills expect to get under way early this month. The heavy fall of snow in the north and the thick ice in the lakes is rather late in disappearing; in fact much later than





View of Mills in Sarnia

## ***“On Time” Delivery***

Getting the goods delivered ON TIME is just as important as being able to produce them—and we make a specialty of both. Ask any retailer or woodworking establishment who has been using our A 1 NORWAY or WHITE PINE LUMBER.

We also make a specialty of heavy timbers, cut to order any length up to 60 feet from Pine or B.C. Fir. Quotations will be gladly forwarded upon request.

***“Rush Orders Rushed”***

# **Cleveland-Sarnia Sawmills Co., Limited**

**SARNIA, ONTARIO**

B. P. BOLE, Pres.   F. H. GOFF, Vice-Pres.   E. C. BARRE, Gen. Mgr.   W. A. SAURWEIN, Ass't. Mgr.



usual, but the recent warm days have cleared the way for the early resumption of activities in the lumber arena. The cut this season will be an unusually large one and some plants that have not been in operation for years, will be running once more.

There is no fear but that the retail lumber prices and business will keep up until the end of June or July but after that there is some doubt and many predictions are made with respect to prices. Some declare that there will be a recession in values and others state that quotations will pretty well hold their own. Nobody is in a position to prognosticate with any degree of certainty. Generally speaking, prices are about the same level that they have been.

Eastern representatives of Coast mills report that there is a good demand at the present time for wide and long joists, such as 2 x 12, 2 x 14, 2 x 18, 2 x 20. Rough clears, and all lines of B.C. uppers are having a good call at present, but there is no volume buying and the principal sales are mixed car lots. There is a slightly improved demand for western white pine.

It is reported from the Coast that fir logs are too high to leave any profit for manufacturers and the export trade is particularly active.

Lath are still very scarce and high in price. There is a very good demand for mill run jack pine lath which are commanding \$9.00 to \$9.50 at the mill.

In the matter of hardwoods, prices seem to be pretty well established and there have been no radical changes in the last few weeks. The amount of business being placed is fair, dry stocks are exceptionally hard to get but shipments are going forward in a very satisfactory manner. Some wholesalers report that the demand has got down into the lower grades of hardwood which can be marketed with a little more ease than formerly. There is one thing certain that low grades never will be satisfactory on the present basis. Handling No. 3 is a little more satisfactory than it was a while ago.

In a recent interview with an eastern representative of a British Columbia lumber firm he stated that advices from the Coast were to the effect that there is no weakening on the part of the Douglas fir market. Strength and activity continue to prevail. The mills are all busy, some of them running both day and night and working on export business. Hemlock logs are also considerably cheaper than fir logs, the former costing around \$14. Several Atlantic shipments are netting the mills about \$25 with \$29 for the smaller sizes. He stated that fir logs are still too high to allow much margin for the average Coast mill. Several big orders have loomed up on the horizon. The new C.P.R. pier at Vancouver will need 4,000,000 feet of Douglas fir and the drydock will take about 5,000,000 feet. Everything points to continued good business on the part of the Coast mills. There is no indication whatever that the market will show any signs of weakness for several months.

### St. John Reports Good Demand and Better Shipments

According to reports from leading lumber shippers in St. John the demand for laths has been exceptionally heavy and from present indications will continue to be so for some time to come. So great has been the call that the price has advanced approximately fifty cents in the last few weeks. Shipments to New York as well as to points in New England have exceeded all expectations and the outlook is bright for a continuance of large orders in this particular line.

The lumber situation in general throughout the Maritime Provinces has been benefited by the removal of the embargo on C.P.R. cars going through the United States and to foreign cars coming here. At the present time there are a large number on hand and shippers are taking advantage of this to send forward to all points in the Eastern States belated shipments.

Nearly every lumber shipment from the port of St. John for some time past has been for some point in the United States, overseas cargoes having dropped off, at least, temporary.

One large shipper speaking about the trade said that the New England demand for laths, shingles and lumber of all kinds seemed to be much better than from any other points, and that the greatest point of activity centered there.

With reference to other places in the United States, he added that the spring has been so backward that spruce shipments have not been quite so heavy as anticipated, but it is expected that in the near future a revival will take place. This, he believes, will be due to the large amount of anticipated building operations, which will necessitate large quantities of lumber of all sizes and result in a greater demand.

There was some indication here that the price of spruce would fall off a little in New York, but this is attributed to the fact that building operations had been delayed by unseasonable weather con-

ditions and shippers are confident that in the near future it will steady and become stronger.

The labor question is still more or less of a problem and, while not at all serious, is apt to cause some manufacturers worry. Skilled workmen continue to leave these parts for points in the United States where they are being attracted by large wages. While it is not difficult to procure ordinary workmen for general work about mills there are some positions hard to fill and the loss of good reliable men would be bound to more or less cripple the trade. As mills in and about St. John will be operating soon it is hoped to keep these valued employees at home.

### Quebec Reports Better Outlook in Export Trade

The representative salesmen of the Quebec lumber firms, who proceeded to the United Kingdom at the end of January last, are due to return to Quebec at the end of the present month. The latest reports received from these salesmen by their respective firms are more encouraging than their previous reports. They announce that while they did not meet with the success they anticipated before sailing from Canada, they managed to equal the business of 1922.

One of the disappointments they encountered was in Ireland. In this country, especially in the north, they expected to secure a good business but practically did not effect a sale. This condition in the north of Ireland is due to the United States Fordney Bill which has the effect of greatly curtailing the low grades in the cotton industry, the staple trade in the north of Ireland, and naturally has affected all other channels of business activities, especially construction and, in consequence, the lumber trade.

Business in the South of Ireland being at a standstill, the Quebec lumber representatives did not venture into the Free State country, though they judged from reports and indications of their own visualization that the rebellion was gradually drawing to a finish and a total collapse of the opposition to the Free state Government likely in the course of a few months. When the business in the south takes on a new lease of life and construction a veritable boom awaits the lumber interests.

A review of the latest reports received by the Quebec firms from both their representatives and permanent agents in the British Isles discuss the doubts as to the early future of the cotton trade and the prices which are paralyzing operations, but no such description refers to the timber market; nevertheless in the timber arena there is some analogy to these conditions. Goods on the spot are cheaper substantially than new imports and the uncertainty of future prices which has hitherto been a matter of anxiety to British importers, is causing them to review the position frequently with the greatest caution. Many firms have been waiting instead of buying in the hope that the political position would become clearer, that economic developments would throw some light on the purchasing power of other countries and that trade in great Britain would begin to expand. But these chances are slow and when they do come, will be dramatic and may enlighten the trade that it was in all probability too cautious.

In the meantime there is continual spirit of optimism. The British public feel the Ruhr difficulty cannot last many months longer, that the strain on Germany is too great and the tension must give sooner or later. But still the possibility of a new war obsesses the minds of an important section of the financial interests to prevent a freer circulation of money. This, with the threat of the labor unions engaged in the building trade, is a factor which embargoes business in general, including the importing powers of the lumber trade. However, most firms in the timber arena in the United Kingdom look more hopefully on the position of things than they did a couple of months ago and the various agencies of the Quebec firms in the British Isles report that the situation will improve. They expect to be able to cable orders in June to offset the prevailing conditions that will give the Canadian wood interests a larger share of trade than they had in 1922 which exceeded that of 1921.

The general feeling in the market at the beginning of April was that the position was much better than it was in January owing to better prospects for the negotiations for the settlement of the reparation question which had and is improving the value of the French franc, and recognition of the French action which is bringing nearer the spirit of compromise. The British timber interests closely associated with the banking interests of the United Kingdom who have their agencies in every section of Europe, are also more hopeful from the fact that they have reports through the medium of those banking agencies that all nations are now ready and anxious to return to normal conditions. The Ruhr and reparation question has been at the root of almost all the uneasiness in the present time, and immediately when it is seen and recognized that a more tolerant spirit seems in the ascendant, the foreign exchange which acts as a barometer of the temperature and health of Europe will lead to a reaction that will



## Send your next order to Eckardt

TEA, COFFEE,  
FIGS, PRUNES,  
PICKLES, PEAS,  
BEANS, RAISINS,  
MOLASSES,  
SUGAR  
CANNED GOODS

**W**E have always specialized in the lumber camp trade and are naturally in a position to offer the best kind of service. In addition, Eckardt prices are kept exceptionally moderate—a feature made possible by the large wholesale business we conduct.

Send your next order to Eckardt.

It will be handled promptly and intelligently, and you will get the goods on time, packed to ensure arrival in perfect condition.

## H. P. ECKARDT & CO.

Church St. and Esplanade, Toronto



## DUNLOP BELTING AND HOSE

for the  
**Lumbering Industry**

“GIBRALTAR REDSPECIAL”—the high-grade Transmission Belting for all Drives.

“FIRE HOSE”—a necessity where the Fire risk is high. “Dunlop” Brands afford adequate and efficient protection.

**DUNLOP**

Belting, Hose, Packing and General Mechanical Rubber Products for Every Purpose



quickly restore confidence and tend to a reorganization of the world. There is no question about the need of wood. The doubt is as to the means of payment and during April there have been indications that he position in this regard, especially in France, was becoming easier.

In the meantime British importers have pointed to the Canadian sellers the low landed values of wood and the impossibility of seeing a profit in importing. They have referred also to the low consumption and the difficulty they have had in getting their customers to recognize the rising market. However, taking a telescopic view of the position as it has been and is up to the middle of April, at the same time considering all outstanding viewpoints, the market is growing and will continue to grow. The prospects of the powers getting together in confidence regarding a settlement of the reparation question between Germany and France will be assuredly helpful, and the chances in this connection seem to be unmistakably evident and likely to culminate in a mutual agreement in June, when it will be advisable to have the Canadian lumber interests again send their selling representatives to the British Isles to secure a decidedly big fall trade.

The Canadian lumberman have been complaining from time to time that the British timber and lumber trade journals have not dealt fairly with the Canadian trade in their publications; in fact, ignored the Canadian wood interests while they devote pages of space in their trade journals to Finnish, Swedish and other foreign lumber interests. This complaint was especially made on account of the efforts put forth advocating trade dealings with the Empire which appeals these days to every British subject. The resolution adopted at the annual convention of Canadian lumbermen held at Montreal in January last has been called to the attention of the British trade journals and is likely to have a good effect.

The American demand for manufactured Canadian lumber still continues and through the shipments were held up all winter for want of railway transportation. Shipments from the district of Quebec are now taking place with more satisfactory results. The shortage of cars for transportation from the Quebec mills and base of supply has been eased up during the month of April and, should these conditions continue favorable, Quebec shippers will be able to send into the United States the bulk of the lumber ordered and prepared for their American customers by the middle of this month. In the meantime, fresh orders are being booked from the central wood markets every day by the Quebec mill interests to prove that the American construction boom is still continuing, and judging from advertisements, is not likely to abate all through the coming summer. This demand is causing the Quebec firms at the time of writing some anxiety as to when the late spring will come to an end to allow the ice in the rivers to disappear and commence driving the logs cut in the woods.

The pulpwood situation is practically the same as it was last month with the exception that shipments are slow on account of the car shortage and the prices of the wood advancing, as forecast in your correspondent's last letter.

### Lumber Industry Staple at Normal Proportions

With shipments and production on a par with those of the preceding week and with a small decrease in reported orders, production and shipments are substantially in excess of the corresponding week last year, says the weekly report of the National Lumber Manufacturers Association. Revised and more complete reports for the week in view of the fact that thirty less mills are represented in the telegraphic reports from regional associations, than in the last week.

The excess of accumulated orders over shipments, so far this year is 171,000,000 feet, and over production 670,000,000 feet. For the last 52 weeks the reported accumulated orders exceed shipments by 826,618,000 feet; for the same period shipments were 100 and orders 107 per cent of actual production.

For the 379 reporting mills new business accepted was 94 and shipments 102 per cent of production. The southern pine mills percentages of production are 99 for orders and 110 for shipments; and for the Douglas fir mills they are 99 and 104, respectively. Of the reporting mills 347 report normal production, compared with which last week's production was 104, shipments 109 and orders 100 per cent.

### Market for Canadian Woods in Old Country

The outstanding feature of the spruce spot market during the past week or so has, of course, been the prevailing holiday spirit, but the quantities that have changed hands, while not large, have made considerable inroads into the comparatively small stock of useful sizes both in London and elsewhere in the country, says the "Timber Trades Journal," of London, England. The very natural result of this has been shown in the increase in prices, which has tended to curtail the sales of spruce somewhat.

With regard to the business in pine stocks of really first-class

wood are small, but seem to be sufficient for the comparatively small enquiries that are about. In the North the sales of third quality are satisfactory, but very few of the importers have any stocks, or at least very few representative stocks. With regard to fourth quality, which has always found a ready market in London, there has been quite an awakening recently, and we find that the stocks are hardly sufficient to carry us over until the fresh arrivals.

Birch is quiet, and it is evident that importers are making considerable use of our own native woods and the imported American article, at the expense of Canadian birch. It seems quite definite that the manufacturers in Canada have exaggerated ideas of the value of the fresh-cut birch for this market, and we doubt very much whether it will be possible to obtain even a small fraction of an advance on prices that are ruling at the moment.

With regard to the general situation in Ireland, it seems there is considerable scope for really big business here. Our Irish friends have always absorbed quite a considerable proportion of stocks from Canada, principally from the Lower Ports of the St. Lawrence, but up to a little while ago the importers were unwilling to face the prices that were required for fresh stocks; now, however, having realized that there is no likelihood of any reduction, they are endeavouring to fill their requirements. Pine has been selling comparatively freely in the Belfast district, but birch does not appear to be in very great favour.

### Northern Lumber Firm Will Have Busy Season

Austin & Nicholson, Limited, Chapleau, Ont., report that the demands for lumber is good at the present time and prices have considerably improved. The firm will be operating three mills, at Devon, Nicholson and Dalton. The former two are being operated directly by Austin & Nicholson, Limited, while the mill at Devon is run by the McNaught Lumber Co. which is a subsidiary concern. The company expect to turn out about 20,000,000 feet of lumber, 25,000,000 pieces of lath and about 750,000 railway ties.

George B. Nicholson, president and general-manager of the company, says that, in his opinion, labor conditions may be a little harder than last year and wages slightly higher. It is rather early yet to determine definitely how far they will go. Mr. Nicholson adds that they are not looking for anything in the nature of a boom and do not think that such a thing would be good for the lumber trade. Manufacturers, however, will have to secure prices considerably in advance of last year in order to meet operating costs. This increase can be obtained without a boom simply by what the trade term as a normal advance under normal and healthy conditions.

Since the death of Mr. Austin, president of the company, some months ago, the business has been operated under the name of Austin & Nicholson, Limited, with Mr. Nicholson as president and general-manager; Allen McN. Austin, first vice-president and James W. Austin, second vice-president. Reginald Thrush is the secy-treas. and A. L. Morse operating manager.

### Grey County Takes up Reforestation

It is likely that the Grey County Council will in the near future take up the matter of reforestation. G. A. Bothwell, deputy reeve of Sydenham Township is chairman of the Reforestation Committee of the Grey County Council and James E. Keenan is chairman of the Reforestation Committee of the Owen Sound Board of Trade. These two gentlemen held a conference recently with A. E. Richardson of the Department of Lands and Mines, Toronto, and T. S. Cooper, Agricultural Representative of Grey County.

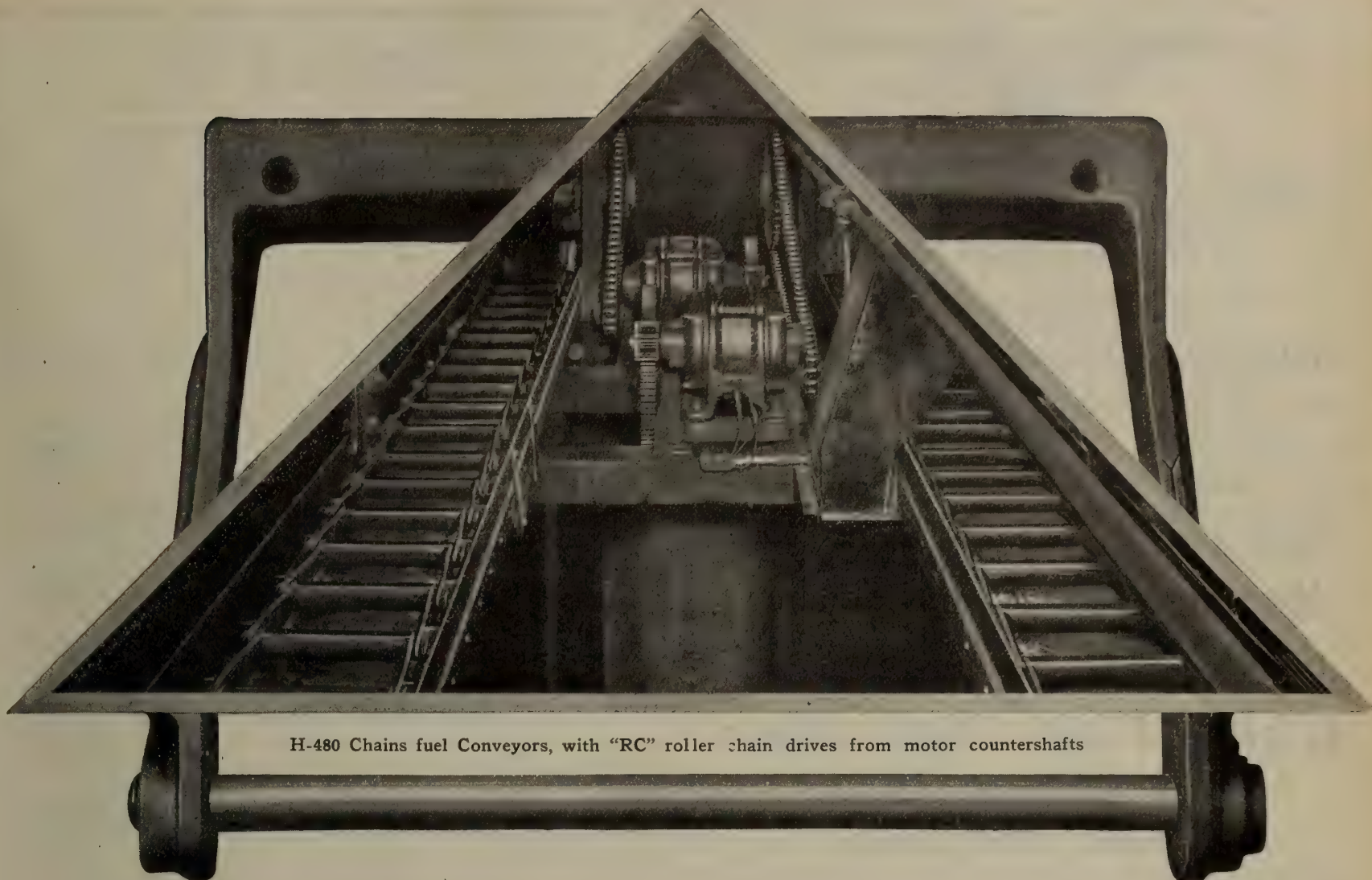
Mr. Richardson explained the methods being taken by his department in the work. Individual farmers can obtain assistance from the department in the work if they so desire. The department will send out each year a sufficient quantity of trees to plant two acres free of cost. The seedlings are planted about six feet apart each way and about 1,210 to the acre.

### Merchants Do Not Like Flying Sawdust

At a recent meeting of the North Vancouver Council a communication was read from several storekeepers complaining about the quantity of flying sawdust from the various mills. It was pointed out that several of these mills are not properly equipped with burners as required by law. One merchant said he had to dust his goods six times a day.

In view of this and of the fact that the flying dust, particularly from the shingle mills, was responsible for considerable bronchial trouble and was enhancing the fire risk, the council decided that something should be promptly done and referred the matter to the proper committee.





H-480 Chains fuel Conveyors, with "RC" roller chain drives from motor countershafts

## Reliability in Chains

**A**LL chains *look* alike—but they don't all *act* alike.

There's a difference in chains—just as there's a difference in men.

It isn't luck that makes the chain equipment of a Saw Mill give reliable, "trouble-free" service—it's because the chain *actually is better*.

Reliability of performance is built into good chain—by *skilled* chain makers; and the correct raw materials, design, molding, annealing, heat-treating, inspection and tests must be conscientiously applied.

It is our pride—as well as our business—to make good chain. Fifty years' experience has taught us that *high standards of quality* result in *high standards of performance*.

You *expect* reliability of performance when you buy Conveyor and Power Transmission Chain—you are *assured* of it when you get *Link-Belt* Chain.

This trade >—< mark identifies our product—it appears on every link. It means that the chain has been honestly built for Reliable Service.

Specify *Link-Belt* Chain.



CANADIAN LINK-BELT COMPANY, LTD.

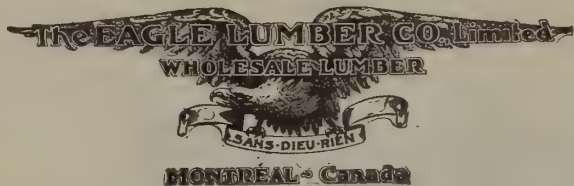
TORONTO—WELLINGTON AND PETER STREETS

MONTREAL—10 GAUVIN LANE

1200

# LINK-BELT





## SPRUCE, rough or dressed LATH AND SHINGLES

*We have facilities for kiln drying*

### THE EAGLE LUMBER CO. LIMITED

Head Office: 90 St. James Street, Montreal, Que.  
Mills at Mont Laurier, Que.; Hebert, Que.; Ste. Marguerite, Que.;  
and Nottaway, Que. Dressing mill at St. Jerome, Que.

Northern Office:  
MIDLAND, ONT.

Southern Office:  
HATTISBURG, MISS.

## Herman H. Hettler Lumber Co.

2601 Elston Avenue, CHICAGO, ILL.

Manufacturers and Dealer

## White Pine, Red Pine and Yellow Pine Lumber and Lath

Excellent Planing Mill Facilities. Prompt Shipments

Crating

Cedar Shingles

## Everything in Spruce

FLOORING  
SIDING  
ROUGH DIMENSION  
LATH

## Campbell, MacLaurin Lumber Co.

Limited

MONTREAL  
Board of Trade  
Building

TORONTO: 320 Roncesvalles Ave.  
C. W. McCabe, Ont. Representative  
Phone Junc. 1598W

## E. H. LEMAY

*Wholesale dealer in*

### PINE AND HARDWOOD LUMBER

*Dimension Timber cut to order for*

RAILROADS, CAR STOCK, BRIDGES AND  
FACTORIES

*Car Sheeting a Specialty - Laths and Shingles*

Hochelaga Bank Bldg., 112 St. James St., Montreal

Tel. Main 2712

## EDGINGS

The sawmill of C. I. Zehr, New Hamburg, Ont., was completely destroyed by fire recently. The owner expects to rebuild.

W. Gerard Power, of the Power Lumber Company, Limited, St. Pacome, Que., spent a few days recently in New York on business.

Macaza Lumber Co. Limited, Montreal, is a new firm recently formed to manufacture and deal in all kinds of forest products. Capital \$49,000.

Among the recent visitors to Montreal were Messrs. David Champoux, of the Chaleurs Bay Mills, Restigouche, P. Q., and A. Champoux.

G. M. Strong, Limited, Montreal, was recently granted a provincial charter to manufacture and deal in lumber and pulpwood. Capital \$99,000.

D. H. McLennan, president of the Montreal Lumber Association, is one of the representatives of the Board of Trade on the Daylight Saving Association.

The sawmill of Albert Collier, Woodrout, Ont., was destroyed by fire. \$1,500 worth of machinery and lumber were consumed besides a loss to the building of \$2,500.

Matane and South Shore Co., Limited, St. Jerome de Matane, Que., is a new firm recently formed with a \$20,000 capital to manufacture and deal in all kinds of wood products.

The Eagle Lake Lumber Co. will not operate their mill at Eagle Lake, Ont., during the coming season, having sold their birch and hemlock logs to G. Holden of South River, Ont.

A. E. Maxwell, manager of the Gatineau Company, Limited, Ottawa, is a patient at the Montreal General Hospital, suffering from a stroke of paralysis. Mr. Maxwell was taken ill while on a visit to Montreal.

William Laking, president of the William Laking Lumber Co., Toronto, who has been spending the past winter in St. Petersburg, Florida, returned home recently after enjoying a pleasant winter in the Sunny South.

At a meeting of the Montreal Retail Lumbermen's Association on April 18th it was decided to hold an excursion of the members and their friends on June 29th. This will take the form of a boat trip down the St. Lawrence.

Hector MacLean, of Tory Hill, Haliburton district, Ont., spent a few days in Toronto recently calling upon the trade. He has been a lumber manufacturer for several years and reports that the outlook for the coming season is good.

The R. Imrie Lumber Co., has removed its office from No. 22 to No. 9 Canada Permanent Building, 18 Toronto St., Toronto. The company is taking out a federal charter and will soon be known as the R. Imrie Lumber Co., Limited.

Boring has been commenced at Windsor, N.S., on the property purchased some time ago by the Avon River Power Co. The company intend erecting a pulp mill on the site, and the new water supply will be used in that connection.

All the plants of the Spanish River Pulp & Paper Mills are busy at the present time and last winter the company took out 300,000 cords of pulpwood for use during the coming season. The company is now working at 100 per cent capacity.

J. A. MacLean, of Wingham, J. B. Mackenzie, of Georgetown, J. A. Laberge, of Sudbury and other well-known retail lumbermen, who also handle coal, were in Toronto recently attending the annual meeting of the Canadian Coal Dealers' Association.

W. H. Harris, of the Frank H. Harris Lumber Co., Toronto, who has been spending the past few weeks at their milling headquarters at Meridian, Miss., has returned home and reports business in the South as being exceptionally good with prices very firm.

The Green River Lumber Co., Limited, Green River, Madawaska, New Brunswick, is a new firm recently granted supplementary letters patent to take over the business of Oran B. Davis, and to manufacture lumber, pulpwood, and all kinds of wood products. Capital \$99,000.

Several freight cars loaded with pulpwood were recently derailed near Heaslip on the T. & N. O. Railway. The wood was scattered along the track for a considerable distance and traffic was blocked for some time. Two employees on the train were slightly injured.

James Umpherson, who operates a sawmill at Lavant Station, Lanark County, Ont., was in Toronto recently calling upon the trade.



Mr. Umpherson reports that he is taking out a fair cut this season and there is a very good demand for all lines of lumber in his section of the country.

At the recent convention of the National-American Wholesale Lumber Association, held in Pittsburg, two Canadians were elected on the Board of Directors,—Dan. McLachlin, of Arnprior, whose term of office will expire in 1925, and A. C. Manbert, of Toronto, who will serve until 1926.

Angus McLean, president of the Bathurst Co., Bathurst, N. B. and head of the Canadian Lumbermen's Association, has been appointed a member of the Advisory Committee of the Lumbermen's Underwriting Alliance, Kansas City, Mo. He is the first Canadian to be chosen as a member of the committee.

The newsprint, groundwood and sulphite mills of the Manitoba Pulp and Paper Company, Limited, Fort Alexander Indian Reserve, are being designed by Hardy Ferguson, of New York. It is understood that English capital is interested in the scheme. It is hoped to find a market for the production in the Prairie Provinces.

H. F. Bullard, who since 1912 has been with the Laurentide Company, Grand Mere, Que., has been appointed general-manager of the Dryden Paper Co., Limited, at Dryden, Ont. Mr. Bullard comes of an old paper-making family and has served in various capacities with the Laurentide Co., having been purchasing agent since 1917.

A resident from Cobalt said recently that the mines in that district were very busy and a large amount of timber was being used. He added that B. C. timber was coming into favor there and in some mines was being employed exclusively for all kinds of construction and mine work. Most of the material was sold at the mines in transit.

The Bell River Pulp Co., Limited, are contemplating the erection of a pulp mill at Sanneterre, Que., 56 miles east of Amos, where the transcontinental crosses the Nottaway River. The company has a capital of \$199,900 and have secured a 50 year lease. The water power is estimated at 2,000 h.p. capacity and will turn out 24 tons per day.

Representatives acting for a syndicate of New York and other eastern newspapers were in Victoria, B. C. recently negotiating with timber owners for the purchase of 7,000,000,000 feet of pulpwood on the Skeena and Kispiox rivers. It is planned to establish a pulp and paper mill for newsprint in Northern British Columbia at or near the city of Prince Rupert.

W. M. Tupling, of J. R. Eaton & Sons, Orillia, who is vice-president of the Ontario Retail Lumber Dealers' Association, spent a few days in Toronto lately on business. He states that the Orillia firm are very busy at the present time in all departments and are doing a record milling in transit business. This branch has grown to very large proportions.

D. McLachlin, of McLachlin Bros., Arnprior, Ont., spent a few days in Toronto recently. He says that both the mills of his firm will be operating to capacity during the coming season and the cut will be considerably increased. He anticipates that there will be an ample supply of labor and that manufacturing conditions will be on the whole, very satisfactory.

Stewart Rutherford, of the Redfern Lumber Company, and vice-president of the Montreal Retail Lumbermen's Association, has been appointed a member of the Quebec Streams Commission, in succession to I. W. Bishop, who resigned to supervise the operations of the Quebec Development Company at Lake St. John, P. Q. Mr. Rutherford is an engineer by profession.

A. G. Bowler, who for some time past has been chief hardwood inspector in Montreal and district for the National Hardwood Lumber Association, has resigned and gone to Boston. He has been succeeded by H. E. Hibbard who two or three years ago was in charge of the Toronto district. He resigned and since then has been living in Boston where he was selling lumber.

George B. Rizer, of Big River, Sask., intends embarking in the sawmill business. He has made for the past two years all the fish boxes he needs in his fish business, enough to take care of two million pounds of piscatorial products annually. Lately Mr. Rizer acquired three and a half million feet of spruce, and he believes that he can saw this to good advantage at the present time.

W. N. Belair, of Schuster Company, Belleville, Ont., and wife returned recently from a ten weeks' trip to Europe. The Schuster Company are large retail distributors of lumber and coal, and while away Mr. Belair took occasion to enquire into Welsh coal. He said it was to be had if the need arrived, but the trouble so far with Welsh product is that it has not been prepared in sizes for use in Canada, but now operators in Wales had found the need of selling in certain sizes and were preparing the coal accordingly. Mr. Belair went into the whole question of fuel, so far as Welsh anthracite is concerned, during his stay in England.

## The C. Beck Manufacturing Company, Ltd.

PENETANG, ONTARIO

Manufacturers & Dealers of

## WHITE PINE—RED PINE HEMLOCK—LATH

Planing Mills in Connection—Our Dressing will  
Save You Freight

TORONTO OFFICE 10 PARLIAMENT STREET

F. H. Horning M 2170

## McNeil Lumber Co. Limited

416 St. James St., Montreal, Phone Main 996 & 1185

Manufacturers and Wholesalers  
Hard and Softwood Lumber and  
Railway Ties.

B.C. Fir and Cedar Shingles Specialists.

## FOR SALE

### DRY SPRUCE CULLS

1	car	1 x 4"	6-16'	D1S.
4	"	1 x 5"	6-16'	D1S & M
5	"	1 x 6"	6-16'	D1S & M
2	"	1 x 7"	6-16'	D1S & M.

## WIGHTMAN LUMBER CO., Limited

263 St. James St. MONTREAL, CANADA.

## Install a "By-Pass" Exhauster

in your Saw Mill, Planing Mill or Plant

Our "By-Pass" Exhaust systems save your power and give better service. They handle green sawdust or wet, stringy material that usually clogs up an ordinary Blower system. The fan wheel is not overhung. No heating, clogging, or shaking. Three bearings.

We manufacture and install systems complete.

Write for information.

## Toronto Blower Company

156 Duke St., Toronto



# ALPHABETICAL INDEX TO ADVERTISERS

Adams River Lumber Co. ....	25	Davies Co., Wm. ....	89	Harris Lumber Co., Frank H. ...	22	Pink Co. Ltd., Thomas ....	83
Allied Footwear of Canada Ltd. ....	40	Department of Lands (Ontario)		Harris Tie & Lumber Co. ....	18	Power Lumber Co. ....	13
American Engine & Boiler Works		Dodge Mfg. Co. ....	44	Heaps & Sons Ltd. ....	19	Radcliff Saw Mfg. Co. Ltd. ....	39
Anderson Lumber Co., C. G. ....	10	Dominion Belting Co. ....	88	Hettler Lumber Co., Herman H. ....	78	Rankin Benedict Underwriting	
Anderson, Shreiner & Mawson .	27	Dominion Timber Products ....	32	Hocken Lumber Co., Limited..	6	Association ....	71
Apex Jumber Co. ....	22	Dominion Truck Equipment Co. .	85	Hoe & Co., R. ....		Rat Portage Lumber Co. ....	16
Associated Mills Ltd. ....		Dominion Wire Rope Co. Ltd. .	83	Hotel Tuller ....		Rideau Lumber Co. ....	21
Atlantic Lumber Co. ....	4	Doty Engineering ....		Hunter Lumber Co. ....		Reed & Co. Ltd., Geo. W. ....	86
Atkine & Co., E. C. ....	95	Dudley, Arthur N. ....	28	Imrie Lumber Co., R. ....	24	Robertson & Hackett Sawmills,	
Austin & Nicholson Ltd. ....	15	Dunlop Tire & Rubber Goods Co. ....	75	International Land & Lumber		Limited ....	29
				Company ....	28	Rolland Lumber Co. ....	24
Bartram, J. C. ....	33	Eagle Lumber Co. ....	78	Johnson, A. H. ....	88	Rose-McLaurin Ltd. ....	16
Bainbridge Lumber Co. Ltd. ....	29	Eastman Lumber Co. ....	15	Julien, Roch ....	14	Russell Harris Lumber Co ....	13
Bathurst Company Ltd. ....		Eaton & Sons, J. R. ....	29	Keewatin Lumber Co. ....	13	Santerre & Pineau ....	38
Beauchemin & Fils ....	21	Eckardt & Co., H. P. ....	75	Kennedy & Sons, Wm. ....	81	Savage & Bartlett ....	11
Beck Mfg. Co. Ltd., The C. ....	79	Edwards & Co. Ltd., W. C. ....	30	Kinnon Lumber Co. ....	24	Schroeder Mills & Timber Co. .	23
Bell, Geo. W. ....	10	Elk Fire Brick Co. ....	92	Knox Brothers ....	3	Scott, Draper & Co. ....	20
Bennett Lumber Co. Ltd. ....	29	Elmira Machinery & Transmission		Laidlaw Bale Tie Co. ....	11	Seaman-Kent Co. ....	35-36
Bernard Industrial Co., The A. .		Company ....		Lamontagne Limited ....	85	Sewell, Jas. W. ....	11
Beveridge Supply Co. Ltd. ....	86	Engineering & Machine Works .		Langlois & Paradis ....		Shevlin-Clarke Co. ....	6
Big Bear Lumber Co. ....	28	Excelsior Lumber Co. ....	71	Larkin Co., C. A. ....	38	Shimer Cutter Head ....	41
Bigley, R. ....		Farnworth & Jardine ....	10	Larkin Lumber Co. ....	15	Shull Lumber & Shingle Co. ...	32
Black Rock Lumber Co. ....	21	Fassett Lumber Co. ....	18	Leigh Lumber Co. ....	39	Shurly Dietrich Co. ....	88
Bowden Bros. ....	39	Fesserton Timber Co. ....	5	Lemay, E. H. ....	78	Shurly Co. Ltd., T. F. ....	1
Brady Machinery Co. ....	98	Fly Terror Mfg. Co. ....		Linton Lumber Co. ....	33	Simonds Canada Saw Co. ....	44
Brantford Roofing Co. ....	87	Foley Lumber Co. ....	11	Loggie, W. S. ....	16	Smart Turner Machine Co. ....	1
British Columbia Lumber		Fraser Bryson Lumber Co. Ltd. ....	24	Lloyd, W. Y. ....	11	Smart, Jas. ....	
Commissioner ....	14	Fraser Companies Ltd. ....	17	London Concrete Machinery Co. ....	39	Smith Foundry Co. ....	70
Brennen & Sons, F. W. ....	13	French, G. M. ....	16	Long Bell Lumber Co. ....		Smith, N. ....	10
Burstall & Co. Ltd., J. ....		Gates Engineering Co. ....	41	Long Lumber Co. ....	33	Spanish River Lumber Co. ....	8
Burchill & Sons, Geo. ....	28	Gartshore, John J. ....	71	Long Manufacturing Co., E. ....	96	Stack Lumber Co. ....	16
Bury & Co., Robert ....	23	General Supply Co. of Canada,		Lumbermen's Indemnity		Stalker, Douglas A. ....	19
		Ltd. ....	84	Exchange ....		Staples Lumber Co., Otis ....	71
Cameron Lumber Co. ....	25	Gerlach Co., Peter ....	83	McCormack Lumber Co. ....	39	St. Lawrence Lumber Co. ....	
Campbell, MacLaurin Lumber		Gidley Boat Co. Ltd. ....	1	McCuaig & Co., Jas. C. ....	24	St. Mary's Wood Specialty Co. .	10
Company ....	78	Gillespie, Jas. ....	11	McDonagh Lumber Co. ....	14	Story Lumber Co. ....	29
Canada Foundries & Forgings .		Gillies Bros., Ltd. ....	20	McElroy Lumber Co. ....		Stroud & Co., E. H. ....	
Canadian General Lumber		Goodhue & Co. Ltd., J. L. ....		McFadden Ltd., J. J. ....	27	Summers, James R. ....	10
Co., Ltd. ....	11	Goodday & Co., H. R. ....	18	McLennan Lumber Co. ....	15	Sutherland, A. A. ....	29
Canadian Link-Belt Co. ....	77	Gordon & Co. Ltd., Geo. ....	8	McLaren, Limited, D. K. ....	82	Swift Canadian Co. ....	
Canadian Western Lumber		Grant-Holden-Graham Ltd. ....		MacLean Building Reports ....		Sylvester Mfg. Co. Ltd. ....	80
Co. Ltd. ....	31	Gloucester Lumber & Trading .		McNeil Lumber Co. ....	79	Terry-Nicholson-Cates Ltd. ....	9
Canada Wire & Iron Goods ....	71	Gordon Lumber Co., A. E. ....	7	Main Belting Co. of Canada ....	81	Thompson & Heyland Co. ....	20
Canfield-Wilmot, Ltd. ....	28	Gravel Lumber Co. Ltd. ....	33	Manufacturers' Lumber Co. ....	12	Thurn Maxson Lumber Co. ....	19
Cant & Kemp ....	10	Gray Sons Campbell Ltd. ....	39	Mason & Co., G. ....	13	Thurston-Flavelle Ltd. ....	22
Canadian Holt Co. ....	81	Gregertsen Brothers Co. ....	24	Mason, Gordon & Co. ....	30	Timberland Lumber Co. ....	25
Canadian Milk Products ....		Green Co., G. Walter ....	86	Maus, Chas. O. ....	19	Timms, Phillips & Co. ....	32
Canadian Tie & Lumber Co. ....	27	Grier & Sons, G. A. ....	26	Mershon, Wm. B. ....	93	Toronto Blower Co. ....	79
Chaleurs Bay Mills ....	5	Greig-Morris Co. ....	20	Miller Co., W. H. ....	20	Tudhope Anderson Co. Ltd. ....	1
Chesbro, R. G. ....	38	Greening Wire Co., B. ....		Montreal Locomotive Works .	92	Turner & Sons, J. J. ....	86
Clark Bros. Co. ....	93	Gutta Percha & Rubber Ltd. ...	84	Montreal Lumber Co. ....	10	Underhill Lumber Co. ....	32
Clark & Son, Edward ....	4	Hall, Adam ....		Muir & Kirkpatrick ....	30	U. S. Buyers ....	37
Cleveland-Sarnia Sawmills Co. .	73	Hall Bros. ....	21	Mussens, Limited ....	43	Vancouver Lumber Co. Ltd. .	32-34
Climax Manufacturing Co. ....	71	Hamilton Co., Ltd., Wm. ....	2	Neville Cooper Co. ....	93	Victoria Harbor Lumber Co. Ltd. ....	18
Coburn Lumber Co. ....		Hansen, A. K. ....	14	New Ontario Colonization Co. .	12	Waterous Engine Works Co.,	
Colthart & Co., Robt. ....	10	Hardy & Co., E. D. ....	1	Northern Pacific Logging Co. .	32	Limited ....	97
Crane, Limited ....				Oliver Lumber Co. ....	38	Watson & Todd ....	12
				Otis Staples Lumber Co. Ltd. .	71	Westminster Mill Co. ....	32
Dadson, A. T. ....	13			Parry Sound Lumber Co. ....	12	West Peachey & Sons ....	83
D'Auteuil Lumber Co. ....	15			Payette Co., P. ....	91	Wightman Lumber Co. ....	79
				Pedwell Hardwood Lumber Co. .	14	Williams, D. ....	
				Petrie Ltd., H. W. ....	1	Wilson Bros. ....	20
				Phillips, Thos. N. ....	21	Wistar, Underhill & Nixon ....	14
						Woods Mfg. Co. Ltd. ....	89
						Yates Machine Co., P. B. ....	83
						York Belting Co. ....	10

## Sylvester Hand Car Engines Will Change Your Hand Cars into Motor Cars



A Logging Camp is not complete without one or more. Backed by years of successful Railway Service.

**JUST THE THING FOR TRANSPORTING MEN AND DOING LIGHT HAULING**  
The old hand car is slow, expensive to operate and entirely out of date. Sylvester equipped cars will pay for themselves in a short time. Use them to transport your men and do your light hauling. You will be surprised at the amount of work they will do.

### WE MANUFACTURE

Hand Car Engines. Motor Cars built for Engine Drive.  
Section Hand Cars. Push Cars or Trailers.  
Gasoline and Oil Pumping Engines.

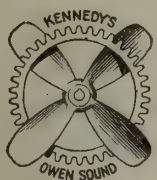
Write for our Prices and Catalogue.

**Sylvester Manufacturing Company, Limited**  
LINDSAY ONTARIO



# KENNEDY

## Water Power Plant Machinery



### STOPLOG WINCHES

The unusual ability of Kennedy Stoplog Winches may be gathered from the fact that on one occasion the mass of ice, snow and logs, when lifted by this 27-ton motor driven winch was estimated to weigh 90 tons!

## The Wm. Kennedy & Sons

OWEN SOUND ONTARIO LIMITED

District Representatives

M. B. SAUNDERS,  
8 Silver Street, Cobalt  
Phone Cobalt 153

H. C. KENNEDY,  
232 St. James St., Montreal.  
Phone Main 394

Maritime Representative:

C. A. Fowler, Tramway Building, Halifax, N.S.



## Log with "Caterpillars"

In swamping out roads, toting supplies, skidding logs, or making up and hauling trains, the Northern "Caterpillar"\* Logger does all the things a machine must do to be a real success in logging work, winter or summer. Its flexible tracks enable it to climb over obstructions, cross ditches, and operate continuously both on and off the road. It is easy to control, turns in its own length and provides correct speeds for every operation. Where heavy snowfalls bury the roads and camps, the Northern "Caterpillar"\* Logger quickly plows through the drifts and gets traffic moving. The Abitibi Power & Paper Co. at Iroquois Falls, Ont., is logging the "Caterpillar"\* way. Let us give you the facts on their operations.

\*There is but one "Caterpillar"—Holt builds it

We maintain complete service stocks

## CANADIAN HOLT COMPANY, Limited

1109 St. Catherine St., W., Montreal, P.Q.

Telephone Uptown 1504

Branches and Service Stations all Over the World

# CATERPILLAR

# H O L T

## Anaconda-Leviathan



## Belting

MADE IN CANADA



Are you willing, is your Power Department willing to stop thinking of belting in terms of material, and consider it in the light of power delivered—strength tractive qualities—economy of upkeep—length of life—this is concentration—and, after these are considered, the cost of installation?

*Let us help you with your belting problems*

## Main Belting Company of Canada

LIMITED

422 St. James St., Montreal, Que.

32 Front St. Toronto

W. W. Hicks 567 Banning St., Winnipeg, Man.

GORMAN'S LIMITED

Edmonton Calgary Vancouver



# THIS TRADE MARK IS YOUR BEST BELT GUARANTEE

**Q**UANTITY, not price, is the factor that determines a belt's value. Keep this in mind whenever you are tempted to accept an unknown belt offered at a few dollars "off". Remember that the difference in the service you **MAY** get from it, and the service you **WILL** get from a D. K. McLaren Gen-Oak Tanned Leather Belt will eat up those first few dollars many times over.

**T**HE D. K. McLaren Trade Mark is not used merely to distinguish the belt. It is put there for a definite purpose—to protect belting buyers against substitution and to guarantee them full value for their money.

If you like the safe and sane method of buying in preference to the haphazard, ask our nearest representative to give you his proposition. There is no obligation, of course.



## D. K. McLAREN LIMITED

Head Office & Factory:

351 St. James Street Montreal

### BRANCHES

Toronto, Ont., 194 King St., West.

St. John N. B., 90 Germain Street.

### STOCK DEPOT

Calgary, Alta. Gormans Ltd.

Edmonton, Alta. Gormans Ltd.

Vancouver, B. C. Gormans Ltd., 1158 Homer St.



# Pink's Lumbering Tools

The Standard Tools in every province of the Dominion, New Zealand, Australia, etc.  
We manufacture all kinds of lumber tools. Light and Durable.

Long Distance Phone, No. 87

Send for Catalogue and Price List.

Sold throughout the Dominion by all Wholesale and Retail Hardware Merchants.

## The Thomas Pink Company, Limited

Manufacturers of Lumber Tools

PEMBROKE

ONTARIO

It's a Pink any-  
way you take  
it and it's the  
best Peavey  
made.

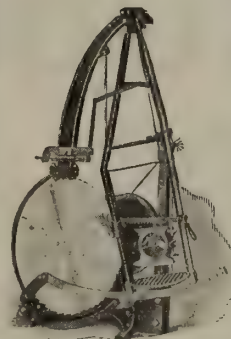


*Not altogether what we say,  
but what users say*

"We have used the Alligator or Warping Tug manufactured by you for the last 7 or 8 years, and consider them indispensable to lumbermen on waters of French River or similar streams."

Will move a bag containing 60,000 logs,  
in calm weather, 30,000 in a head wind.

**West, Peachey & Sons** Simcoe, Ont.



## Gerlach Modern Machinery Produces Cheaper and Better

Tight and Slack Cooperage Stock for Barrels, Kegs and Tubs, ready to set up into non-leaking packages of 5 to 120 gallons liquid capacity, or for semi-liquid and dry materials up to 800 lbs. weight. We manufacture machinery for sawing, jointing, planing and crozing staves; for sawing, jointing, doweling, planing and circling heading.

### MODERNIZE YOUR PLANT

Scrap Machinery invented before the Civil War and install a Gerlach Outfit that will make Tight Barrels that are tight, from any strong non-porous timber.

### BUILD

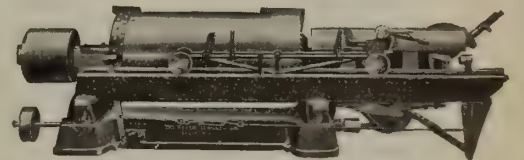
Barrels with perfect joints that will not leak; a product that is infinitely superior to the tin and iron near barrels now being experimented with. Wood is tasteless, stainless and rustless and being a poor conductor of heat or moisture, keeps its contents in their original condition.

CYLINDER SAWS RESTEELED

MODERN BOXBOARD MACHINERY

## The Peter Gerlach Co.

Columbus, Winter and Leonard Sts.  
CLEVELAND, OHIO



"SAMSON"

# BLUE STRAND

*No Wire Rope is More Economical*

Spreads Its First Cost over a Long Period of Service

ROPES OF ALL CONSTRUCTIONS AND SIZES IN STOCK

## The Dominion Wire Rope Co.

LIMITED

Head Office: MONTREAL

Stocks also at: TORONTO, WINNIPEG



# Beardmore Extra Quality Waterproof Cement Leather Belting



*For the Wet  
Place*

Tell us your belting troubles  
and we can help you

**The General Supply Company of Canada, Limited**

OTTAWA MONTREAL TORONTO NORTH BAY MONCTON WINNIPEG VANCOUVER

*Large stocks available for immediate shipment*



# Rubber Goods FOR LUMBERMEN

**Belting** Our long experience in the making of Rubber Belts enables us to specialize on this line. "P. M. S.," "Special Drive" and "Lion" are our leading brands for power transmission.

**Packings** "Redstone" High Pressure Sheet Packing has proved by test that it will outlast any other similar packing on the market. We make Spiral and Ring Packings, etc., that are equally reliable.

**Hose** for Steam, Water, etc., in various grades, made especially to give satisfactory and economical service under different conditions.

**Fire Hose** One or more of our twenty brands of Fire Hose will be found, not only in the best equipped Factories, Mills, etc., but in almost every Fire Department in the Dominion.

**Rubber Footwear** We make a complete line of Lumbermen's boots. For over 25 years, our Maltese Cross Brand has been the leading line in Canada. Make sure you get this old dependable brand.

**Gutta Percha & Rubber Limited**

TORONTO HALIFAX MONTREAL OTTAWA HAMILTON LONDON FORT WILLIAM WINNIPEG REGINA  
SASKATOON EDMONTON CALGARY LETHBRIDGE VANCOUVER VICTORIA



# Other Lumbermen are Saving Money---



## Why Don't You?

Hauling costs can be reduced and ARE being reduced by an increasing number of lumbermen every day—with Dominion Trailers.

There is no reason why you cannot accomplish the same results. If you will get in touch with us we shall be only too pleased to show you how your trucks can be made to double and perhaps treble their rated capacity. Write us today.

## Dominion Truck Equipment Co. Limited

TRAILERS  
TRUCK UNITS



HOISTS  
DUMP BODIES

KITCHENER, ONT.

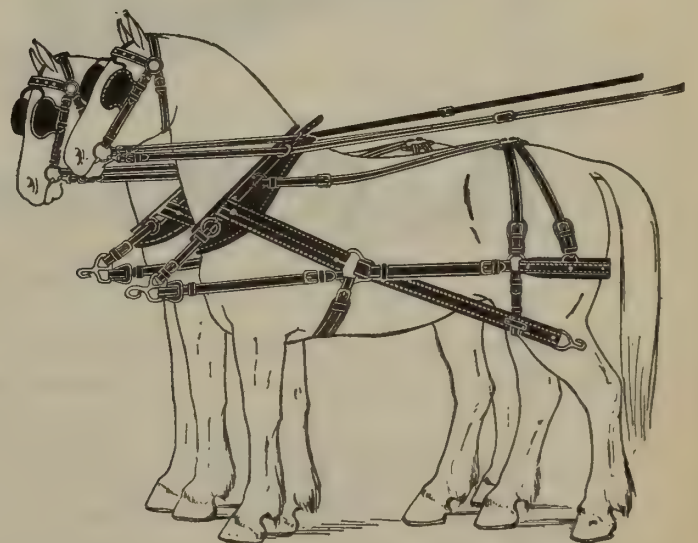
# What about your Harness Requirements?

When you think of HARNESS  
think of LAMONTAGNE LIMITED.



Alligator Brand Harness

The only harness that will stand up to  
the exacting demands of the lumber-  
ing industry.



HORSE BLANKETS FOR THE LUMBER TRADE A SPECIALTY.

52 Crown Street,  
QUEBEC.

*Lamontagne Limited.*

110 Princess Street,  
WINNIPEG

Headquarters: 338 Notre Dame St. W., MONTREAL



## Resurface Your Roof



A coat of Reed's Roofing Cement—Plastic, Semi-Plastic or Liquid—will add years to the life of your roof.

This cement is the result of over **Seventy Years** practical **Roofing experience**. It will not peel nor blister and is absolutely unaffected by climatic changes.

Easy and inexpensive to apply. Ordinary labour can be used with satisfactory results.

Special prices by the barrel—Ask for them.



**Geo. W. Reed & Co. Ltd., Montreal**

## Shingle, Box-board and Heading Machine



**T**HIS machine carries a 40" saw and is of the most modern type in every respect. Write for printed matter and prices.

We have for sale a complete Shingle Mill Outfit and one Saw Gummer, all manufactured by the William Hamilton Co.

*Snap for quick sale*

**The G. Walter Green Co., Limited**  
Peterborough — Ontario

Our new 1923 Catalogue, covering Tents, Tarpaulins, Boats, Paddles, etc. now ready for distribution.  
Copy mailed on request.

**J. J. Turner & Sons, Ltd.**  
Manufacturers  
PETERBOROUGH, . . . . . ONT.



### MAXIMUM OUTPUT

Furnace linings made of **PLIBRICO** will do away with shut-downs and costly delays. Have a drum on hand.

**ROCKFACE** White Water Paint used on your interior walls and ceilings will get best results from your men and prevent expensive accidents in dark corners.

**BEVERIDGE SUPPLY COMPANY LIMITED**  
628-630 St. Paul St. West, MONTREAL, P. Q.





New architectural charm is given the modern stucco dwelling by a roof of Brantford Asphalt Slates.

THE living story of the Brantford Roofing Company is written on the roofs of Canada. Leaders in introducing Asphalt Slates, they have held that leadership ever since.

Four Unfading Colors: Blue-Black, Red, Tile-Red and Green.  
Brantford Asphalt Slates, in 4-in-1 Slabs.  
Tapered Slates with the heavy butt.  
Arro-Lock Slates (red or green) for diagonal effects.  
Distributed under Brantford Roofing Trade Marks, through Brantford Roofing Dealers. Stock carried, information furnished, service rendered by our dealer in your district.  
Write for descriptive literature, or advice on Roofing problems.

**Brantford Roofs**

Another of the 1923 campaign 800 line advertisements in daily newspapers.

*Homes of every class and size are now built with Brantford Roofs. The market grows from year to year.*

**Brantford Dealers get the Business**



## JOHNSON'S Veterinary Remedies

are the surest, the most economical and the best medicines with which to equip your stables. They have been on the market for thirty years and still retain their superiority over all others.

The quality never varies, it is our first consideration. Prices in effect at the present time are as follows:

Johnson's Horse Liniment No. 1	Per Gal.	\$7.00
Johnson's Horse Liniment No. 1	Quarts, Per Doz.	19.00
Johnson's Horse Liniment No. 1	Pints, Per Doz.	10.00
Johnson's Horse Colic Remedy	Per Gal.	12.50
Johnson's Horse Colic Remedy	Quarts (8 Doses each)	Doz. 30.00
Johnson's Horse Colic Remedy	Pints (4 Doses each)	Doz. 15.00
Johnson's Veterinary Healing Ointment (Gall Cure)		
2 lb Tins	each 2.25	Doz. 24.00
1/4 lb. Tins	Per Doz.	4.00
Johnson's Concentrated Condition Powders, 1 lb. Pkgs.	Doz.	6.50
Johnson's Condition Powder, No. 2	Doz.	3.00
Johnson's Horse Worm Powders	Pkgs. Per Doz.	8.00
Johnson's Purging Balls	Per Doz.	4.00
Johnson's Cough & Heave Powders	Per Doz.	4.50
Johnson's Antiseptic Dusting Powder		
(For Drying and Healing Sores, Proud Flesh, etc.)	Per Doz.	8.00
"Kreoline," antiseptic, deodorizing	Per Gal. Tin	1.90

Our Family and Van Remedies are as follows:—

Pine and Tar Cough Syrup	Big 4 Liniment—Mosquito Oil
Purgative Pills	X Ray Liniment
Little Liver Pills	Cholerine Mixture (Diarrhoea)
Porous Plasters	Headache Powders
Stomach Bitters	Sarsaparilla
Laxative Cold Tablets	All Healing White Ointment

All Drugs and Patent Medicines at Market Prices.

Mail orders solicited — Prompt shipments made.

**A. H. JOHNSON** WHOLESALE DRUGGIST  
Collingwood, Ontario

*Sole Manufacturers of the Celebrated*

## "MAPLE LEAF" BRAND Stitched Cotton Duck Belting

**Strong    Durable    Economical    True Running**

*Specially adapted for use in Lumber Mills*



We have a good stock of well seasoned belting on hand, and would be pleased to receive your orders. Ask your Superintendent what he requires. The best is the cheapest.

## MAPLE LEAF BELT DRESSING

The Best for all Kinds of Belts

WRITE FOR SAMPLES AND PRICES

Quebec Branch: 51 Duluth Building, MONTREAL

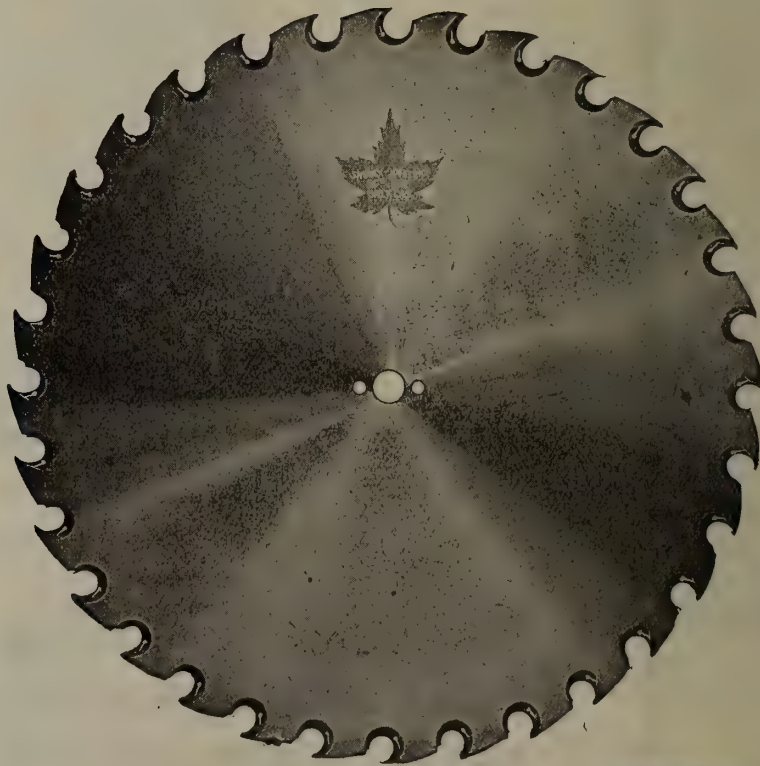
**DOMINION BELTING CO.**

LIMITED  
HAMILTON    ONTARIO    CANADA

*Forget the rest—get the best*

# MAPLE LEAF SAWS

*—The Proven Best—*



*Made in Canada since 1873*

**Shurley-Dietrich Co. Ltd., Galt, Can.**

Branch at Vancouver

Agencies throughout the world





# DAVIES

## Barrelled Pork

**Camp Beef**  
High Grade  
Fresh or Frozen  
Beef

You will find our Barrelled Pork of the highest quality and suitably packed for camp use. We offer you a service second to none, and are in a position to make prompt deliveries of Mess Pork, Short Cut Backs and Pickled Rolls. Why not make use of the Davies service and quality goods?

**Quality Meats**  
Smoked Meats  
Long Clear  
Camp Sausage

*Be sure to get our prices on bulk Pickles  
before ordering elsewhere*

**THE WILLIAM DAVIES COMPANY LIMITED**

Head Office TORONTO

Branches at:— MONTREAL - SYDNEY - HAMILTON

Woods Featherweight Sail Silk Fill the Bill of Every Man Who Wants

# TENTS

With the opening of the rivers and the melting of the ice on the lakes will come a deluge of Woods Sail Silk Tents into the lumbering districts

**Why! Because,**

Woods Sail Silk has revolutionized the tent industry. Woods have produced a sail silk that is durable and lasting, that sheds water without being treated and that takes up less space and weighs less than any other tent heretofore made.

*Send for Catalogue and Prices To-day*

**WOODS**

**Manufacturing Company, Ltd.**

**Montreal  
Toronto**

**OTTAWA**

**Winnipeg  
Welland**



# CANADA LUMBERMAN BUYERS' DIRECTORY

The following regulations apply to all advertisers:—Eighth page, every issue, three headings; quarter page, six headings; half page, twelve headings; full page, twenty-four headings

## ALLIGATORS

Payette Company, P.  
West, Peachy & Sons

## AXES

Canada Foundries & Forgings Ltd.

## BABBITT METAL

General Supply Co., of Canada, Ltd.

## BALE TIES

Laidlaw Bale Tie Company

## BAND MILLS

Hamilton Company, William  
Waterous Engine Works Company  
Yates Machine Company, P. B.

## BAND SAW BLADES

Simonds Mfg., Co.

## BAND RESAWS

Mershon & Company, W. B.  
Yates Machine Co., P.B.

## BARKERS

Bertrand, F. X., La Compagnie  
Manufacturiere.  
Smith Foundry & Machine Co.

## BEARING METAL

Beveridge Supply Co., Ltd.

## BELT DRESSING

Dominion Belting Co.  
General Supply of Canada, Ltd.  
McLaren, D. K. Ltd.

## BELT FASTENERS

McLaren, D. K. Ltd.

## BELTING

Dominion Belting Co.  
General Supply Company  
Goodhue & Co., J. L.  
Gutta Percha & Rubber Company  
D. K. McLaren, Limited  
York Belting Co.

## BLOWERS

Reed & Co., Geo. W.  
Sturtevant, B. F. & Co.  
Toronto Blower Company

## BOILERS

Engineering & Machine Works of  
Canada  
Hamilton Company, William  
Waterous Engine Works Company

## BOILER PRESERVATIVE

Beveridge Supply Company

## BOX MACHINERY

Yates Machine Company, P. B.

## CABLE CONVEYORS

Engineering & Machine Works of  
Canada  
Hamilton Company, William  
Waterous Engine Works Company

## CAMP SUPPLIES

Davies, The Wm. Co., Ltd.  
Dr. Bell Veterinary Wonder Co.  
Howland, H. S. Sons & Co.  
Johnson, A. H.  
Turner & Sons, J. J.  
Woods Manufacturing Co., Ltd.

## CANT HOOKS

General Supply Co., of Canada, Ltd.  
Pink & Company, Thomas

## CARS

Mussens, Ltd.

## CEDAR

Adams River Lumber Co.  
Bury & Co., Robt.  
Cameron Lumber Co.  
Canadian Western Lumber Co.  
Chesbro, R. G.  
Fesserton Timber Company  
McElroy Lumber Co., Ltd.  
Muir & Kirkpatrick  
Rose, McLaurin, Limited  
Terry-Nicholson-Cates Ltd.  
Thurston-Flavelle Lumber Co.  
Vancouver Lumber Company.  
Victoria Lumber & Mfg. Co.

## CHAINS

Canadian Link-Belt Company, Ltd.  
General Supply Co., of Canada, Ltd.  
Engineering & Machine Works of  
Canada  
Hamilton Company, William  
Pink & Company, Thomas  
Waterous Engine Works Company

## CLOTHING

Grant-Holden-Graham  
Woods Mfg. Company

## CONCRETE MIXERS

Mussens, Ltd.

## CONVEYOR MACHINERY

Canadian Link-Belt Company, Ltd.  
General Supply Co., of Canada, Ltd.  
Hamilton Company, William  
Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.  
Waterous Engine Works Company

## CORDWOOD

McClung, McLellan & Berry

## COUPLING (Shaft)

Engineering & Machine Works of  
Canada

## CRANES

Hopkins & Co., Ltd., F. H.  
International Land & Lumber Co.  
Canadian Link-Belt Company, Ltd.

## CUTTER HEADS

Shimer Cutter Head Company  
Yates Machine Co., P.B.

## CYPRESS

Maus Lumber Co., Chas. O.  
Wistar, Underhill & Nixon

## DERRICKS AND DERRICK FITTINGS

Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.

## DOORS

Canadian Western Lumber Co.  
Mason, Gordon & Co.  
Terry-Nicholson-Cates Ltd.

## DOORS, FIREPROOF

Mussens, Ltd.

## DRAG SAWS

Gerlach Company, Peter  
Hamilton Company, William

## DRY KILNS

Sturtevant, B. F. & Co.

## DUST COLLECTORS

Reed & Co., Geo. W.  
Toronto Blower Company

## EDGERS

Hamilton Company, Ltd., William  
Green Company, G. Walter  
Long Mfg. Company, E.  
Payette Company, P.  
Waterous Engine Works Company  
Yates Machine Co., P.B.

## ELEVATING AND CONVEYING MACHINERY

Canadian Link-Belt Company, Ltd.  
Engineering & Machine Works of  
Canada

Hamilton Company, William  
Mussens, Ltd.  
Waterous Engine Works Company

## ENGINES

Engineering & Machine Works of  
Canada  
Hamilton Company, William  
Payette Company, P.  
Sylvester Manufacturing Co.  
Waterous Engine Works Company

## EXCELSIOR MACHINERY

Elmira Machinery & Transmission  
Company

## EXHAUST FANS

Sturtevant, B. F. & Co.  
Toronto Blower Company

## EXHAUST SYSTEMS

Reed & Co., Geo. W.  
Toronto Blower Company

## FURNACES

Gates Engineering Co.

## FILES

Simonds Canada Saw Company

## FIR

Adams River Lumber Co.  
Apex Lumber Co.  
Associated Mills, Limited  
Bainbridge Lumber Company  
Cameron Lumber Co.  
Canadian Western Lumber Co.  
Canfield-Wilmot, Ltd.  
Chesbro, R. G.  
Fesserton Timber Co.  
Gordon Lumber Co., A. E.  
Grier & Sons, Ltd., G. A.  
Knox Brothers  
Mason, Gordon & Co.  
McElroy Lumber Co., Ltd.  
Rat Portage Lumber Co.  
Robertson & Hackett Sawmills  
Rose, McLaurin, Limited  
Terry-Nicholson-Cates Ltd.  
Timberland Lumber Company  
Timms, Phillips & Co.  
Underhill Lumber Co.  
Vancouver Lumber Company  
Vanderhoof Lumber Company  
Victoria Lumber & Mfg. Company

## FIRE BRICK

Beveridge Supply Co., Limited  
Elk Fire Brick Company of Canada

## FIRE FIGHTING APPARATUS

Waterous Engine Works Company

## FITTINGS

Crane Limited

## FLOORING

Cameron Lumber Co.  
Canfield-Wilmot, Ltd.  
Chesbro, R. G.  
Gordon Lumber Co., A. E.  
Long-Bell Lumber Company  
Rat Portage Lumber Co.  
Terry-Nicholson-Cates, Ltd.

## GEARS (Cut)

Smart-Turner Machine Company

## GUARDS (Machinery and Window)

Canada Wire & Iron Goods Co.

## HARDWOODS

Anderson Lumber Company, C. G.  
Anderson, Shreiner & Mawson  
Atlantic Lumber Company  
Black Rock Lumber Co.  
Bury & Co., Robt.  
Cameron & Company  
Clark, Edward & Sons  
Edwards & Co., W. C.  
Fassett Lumber Company, Limited  
Fesserton Timber Co.  
Gillespie, James  
Gloucester Lumber & Trading Co.  
Grier & Sons, Ltd., G. A.  
Harris Lumber Co., Frank H.  
Kinnon Lumber Co.  
Long-Bell Lumber Co.  
Knox Brothers  
Mason & Company, Geo.  
Maus Lumber Co., Chas. O.  
McDonagh Lumber Company  
McLennan Lumber Company  
McNeil Lumber Co.  
Murphy Lumber Co., Wm. J.  
Pedwell Hardwood Lumber Co.  
Summers, James R.

## HARDWOOD FLOORING

Grier & Sons, Ltd., G. A.  
Seaman-Kent Co.

## HARNESS

Lamontague, Ltd.

## HEMLOCK

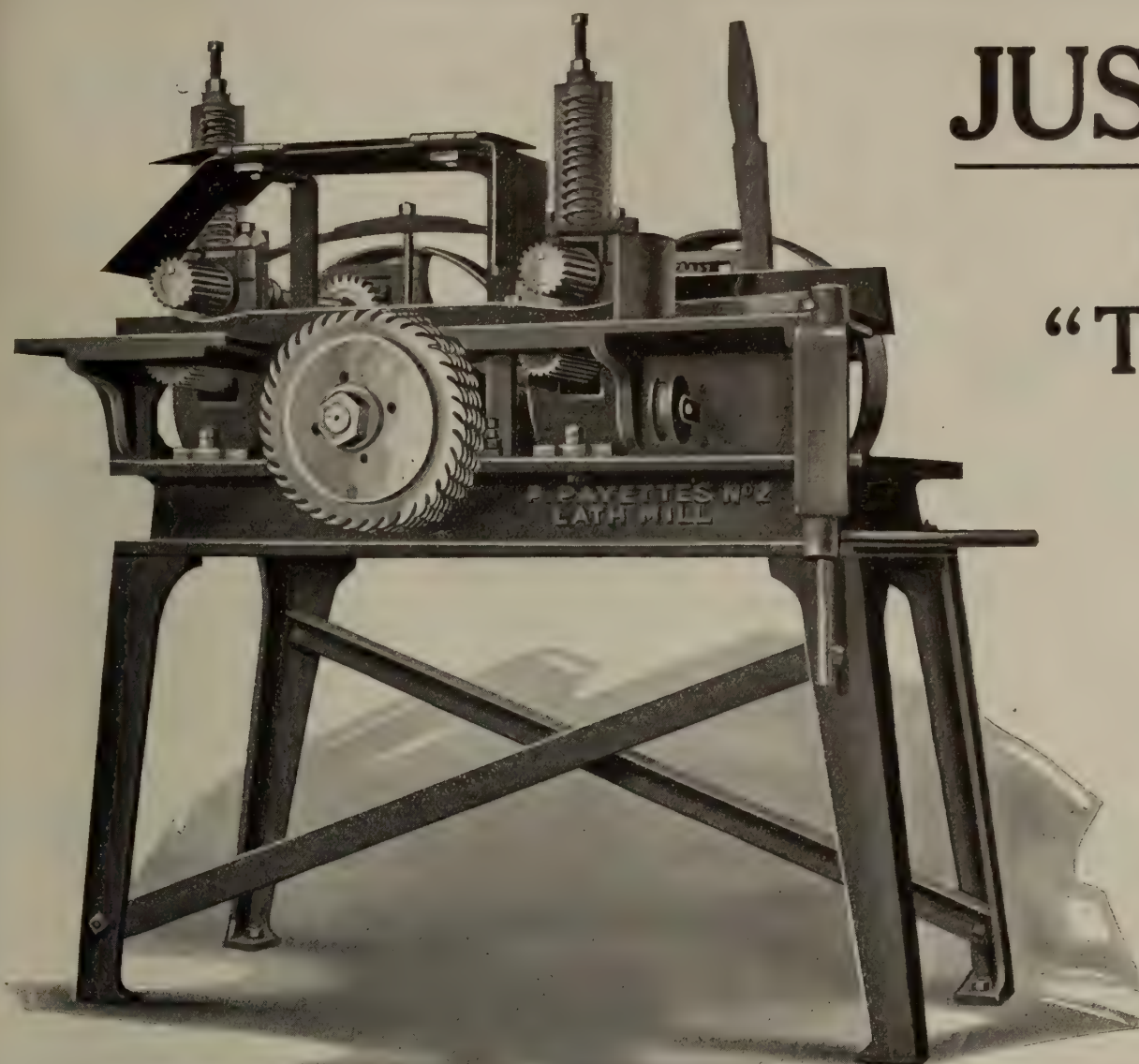
Anderson Lumber Company, C. G.  
Anderson, Shreiner & Mawson  
Beck, C. Mfg. Co.  
Big Bear Lumber Co.  
Canadian General Lumber Company  
Edwards & Co., W. C.  
Fesserton Timber Co.  
Gordon Lumber Co., A. E.  
Grier & Sons, Ltd., G. A.  
Hocken Lumber Company  
Mason, Gordon & Company  
McCormack Lumber Company  
McDonagh Lumber Company  
McElroy Lumber Co., Ltd.  
Rat Portage Lumber Co.  
Robertson & Hackett Sawmills  
Stalker, Douglas A.  
Terry-Nicholson-Cates Ltd.  
Vancouver Lumber Company  
Vanderhoof Lumber Company

## HOISTING AND HAULING ENGINES

General Supply Co., of Canada, Ltd.

(Continued on page 124)





# JUST OUT!

## Payette's "Thoro-bred"

### LATEST IMPROVED NO. 2 LATH MILL

Will cut any quantity of laths, depending upon the amount of stock you are able to supply it with.

### P. Payette & Co.

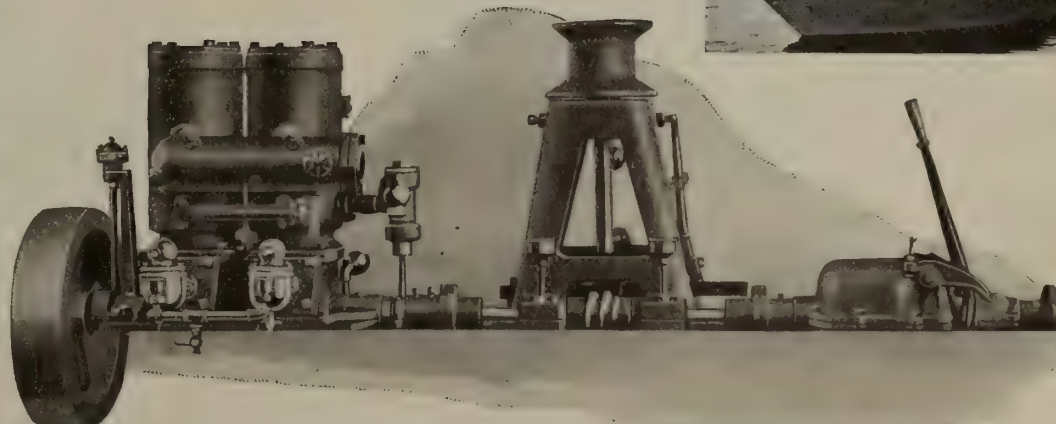
J. T. PAYETTE, Proprietor  
PENETANG - ONTARIO

# Adams Gasoline Alligator Pointers

A big saving in time and money can be effected by the use of an Adams Pointer in your logging.

This powerful and efficient gasoline boat is built to give the service under heaviest working conditions and is proving its superiority over the large and more awkward craft and makes it the successful rival of alligators and tugs.

**Send for data and prices**



Above cut shows machinery that is installed in a 26'-6" x 6' Special Lumberman's Pointer

## Adams Engine Co., Penetang, Ont.

J. T. PAYETTE, Proprietor



Hopkins & Co., Ltd., F. H.  
London Concrete Machinery Co.  
Mussens, Ltd.

**HOSE**

General Supply Co., of Canada, Ltd.  
Gutta Percha & Rubber Company  
Mussens, Ltd.

**INSURANCE**

Hardy & Company, E. D.  
Lumberman's Indemnity Exchange  
Rankin Benedict Underwriting Co.

**INTERIOR FINISH**

Cameron Lumber Company  
Canadian Western Lumber Co.  
Canfield-Wilmot, Ltd.  
Eagle Lumber Company  
Mason, Gordon & Co.  
Rose, McLaurin, Limited  
Terry-Nicholson-Cates, Ltd.

**KILN DRIED LUMBER**

Bury & Co., Robt.

**KNIVES**

Disston & Sons, Henry  
Simonds Canada Saw Company  
Waterous Engine Works Company

**LAMPS AND LANTERNS**

Coleman Lamp Co.  
Mussens, Ltd.

**LARCH**

Otis Staples Lumber Company

**LATH**

Adams River Lumber Co.  
Anderson, Shreiner & Mawson  
Apex Lumber Company  
Austin & Nicholson  
Beauchemin & Fils, P.  
Beck, C. Mfg. Co.  
Brennen & Sons  
Cameron Lumber Company  
Canadian General Lumber Company  
Carew Lumber Company, John

Chaleurs Bay Mills  
Dadson, A. T.  
Eagle Lumber Company  
Fassett Lumber Company, Limited  
Foley Lumber Company  
Fraser Bryson Lumber Co., Ltd.  
French, G. M.  
Gloucester Lumber & Trading Co.  
Gordon Lumber Co., A. E.  
Greig Morris Ltd.  
Grier & Sons, Ltd., G. A.  
Harris Tie & Timber Company, Ltd.  
Larkin Company, C. A.  
Mason & Company, Geo.  
McLennan Lumber Company  
Miller, W. H. Company  
New Ontario Colonization Company  
Otis Staples Lumber Company  
Power Lumber Company  
Shevlin-Clarke Company  
Terry-Nicholson-Cates, Ltd.  
Victoria Harbor Lumber Company

**LATH BOLTERS**

General Supply Co. of Canada, Ltd.  
Hamilton Company, William  
Payette & Company, P.

**LOCOMOTIVES**

Engineering & Machine Works of  
Canada  
General Supply Co. of Canada, Ltd.  
Hopkins & Co., Ltd., F. H.  
Climax Manufacturing Company  
Montreal Locomotive Works  
Mussens, Ltd.

**LINK-BELT**

Canadian Link-Belt Company  
Hamilton Company, William

**LOCOMOTIVE CRANES**

Canadian Link-Belt Company  
Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.

**LOGGING ENGINES**

Engineering & Machine Works of  
Canada

Hopkins & Co., Ltd., F. H.  
Mussens Limited

**LOG HAULER**

Engineering & Machine Works of  
Canada  
Green Company, G. Walter  
Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.  
Payette & Company, P.

**LOGGING MACHINERY AND EQUIPMENT**

Fleming & MacLeary  
General Supply Co. of Canada, Ltd.  
Hamilton Company, William  
Hopkins & Co., Ltd., F. H.  
Payette & Company, P.  
Smith Foundry Co.  
Sylvester Manufacturing Co.  
Waterous Engine Works Company  
West, Peachey & Sons  
Mussens Limited

**LUMBER DRY KILNS**

Sturtevant, B. F. & Co.

**LUMBER EXPORTS**

Fletcher Corporation

**LUMBER TRUCKS**

Hamilton Company, William  
Mussens, Ltd.  
Waterous Engine Works Company

**LUMBERMEN'S BOATS**

Adams Engine Company  
Gidley Boat Company  
West, Peachey & Sons

**MILL PIPING**

Neville-Cooper Co.

**MOTORS**

Sturtevant, B. F. & Co.

**NAILING MACHINES**

Yates Machine Co., P.B.

**OAK**

Long-Bell Lumber Company  
Maus Lumber Co., Chas. O.

**PACKING**

Beveridge Supply Company  
Gutta Percha & Rubber Company

**PANELS**

Bury & Company, Robt.

**PAPER**

Beveridge Supply Company

**PINE**

Adams River Lumber Co.  
Anderson Lumber Company, C. G.  
Anderson, Shreiner & Mawson  
Atlantic Lumber Company  
Austin & Nicholson  
Beck, C. Mfg. Co.  
Big Bear Lumber Co.  
Black Rock Lumber Co.  
Cameron Lumber Company  
Canadian General Lumber Company  
Canadian Western Lumber Co.  
Canfield-Wilmot, Ltd.  
Chesbro, R. G.  
Cleveland-Sarnia Sawmills Company  
Dadson, A. T.  
Dudley, Arthur N.

Eagle Lumber Company  
Edwards & Co., W. C.  
Excelsior Lumber Company

Fesserton Timber Co.  
Fraser Bryson Lumber Co., Ltd.  
Gillies Bros, Limited  
Gloucester Lumber & Trading Co.  
Gordon Lumber Co., A. E.  
Gordon & Company, George  
Goodday & Company, H. R.  
Greig Morris Ltd.  
Grier & Sons, Ltd., G. A.  
Harris Lumber Co., Frank H.  
Harris Tie & Timber Company, Ltd.  
Hettler Lumber Co., Herman H.  
Hocken Lumber Company

Julien, Roch  
Lloyd, W. Y.  
Loggie Company, W. S.  
Long-Bell Lumber Company  
Mason, Gordon & Co.  
Mason & Company, Geo.

(Continued on page 128)

# FIRE BRICK AND CLAY

We make several brands of fire brick by every known process of manufacture from a selection of various high grade Pennsylvania clays. This enables us to furnish the best for your boilers, dutch ovens, refuse burners, kilns, etc. We specialize in fire brick for power plants and if you will advise us whether your boilers are hand fired or stoker fired and kind of fuel used we can then give you the proper brick for your work.

We carry a large stock of our different brands in various sizes and shapes in our Hamilton warehouse which enables us to ship at once.

We manufacture the following well-known brands:

**"Elkco Special," "Elk Steel,"  
"St. Marys," "Keystone" and "M.D. Elk"**

Write for copy of our catalogue,

**Elk Fire Brick Co. of Canada, Ltd.**

HIGH GRADE FIRE BRICK and CLAY

**Sun Life Bldg., Hamilton, Canada**

Representatives for Maritime Provinces:

**RHODES, CURRY COMPANY, Ltd., Head Office, AMHERST, N.S.**  
Branches at Sydney and New Glasgow, N. S.



## Put your problem up to us

We are specialists in building locomotives. We build all types and sizes, also all kinds of repair parts for locomotives and tenders.

Our experience puts us in a position to give you expert advice as to what particular type and size of locomotive is best suited to your needs.

**Put Your Locomotive Problem  
up to us.**

## Montreal Locomotive Works

Limited

**Dominion Express Building, : Montreal, Canada**



# MERSHON

A SPECIALTY - NOT A SIDE LINE  
**BAND RESAWS**

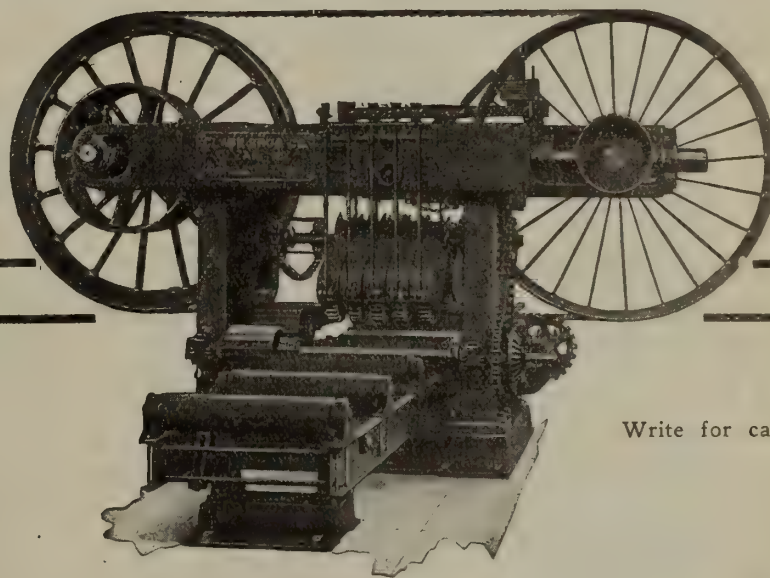
## SIMPLEST and BEST

**Wm. B. Mershon & Company**  
Saginaw, Michigan, U.S.A.



## CLARK HORIZONTAL RESAW

**A** Resaw will increase your cut 20% and adds only three or four men to your pay roll, less than 5%. Will often "pay out" in less than three months. A CLARK RESAW having the return within the machine and having a long table with the operator at the front and similar to an edger, not only avoids the initial expense of purchase and installation of return transfer, but also uses at least one less and usually two less men than other makes of resaws.



Write for catalogue.



**CLARK BROTHERS COMPANY**  
OLEAN, N.Y.



McCormack Lumber Company  
McFadden, J. J.  
McLennan Lumber Company  
Montreal Lumber Company  
Muir & Kirkpatrick  
Otis Staples Lumber Company  
Parry Sound Lumber Company  
P. Q. Lumber Co.  
Rolland Lumber Company  
W. & J. Sharples  
Shevlin-Clarke Company  
Stalker, Douglas A.  
Summers, James R.  
Terry-Nicholson-Cates Ltd.  
Victoria Harbor Lumber Company  
Watson & Todd, Limited

#### PLANING MILL EXHAUSTERS

Toronto Blower Company  
Sturtevant, B. F. & Co.

#### PLANING MILL FANS (Reversible)

Mussens, Ltd.

#### PLANING MILL MACHINERY

Mershon & Company, W. B.  
Toronto Blower Company  
Yates Machine Company, P. B.

#### POPLAR

Keewatin Lumber Co.

#### PORTABLE SAWMILLS

Brady Machinery Co.

#### POST GRINDERS

Smith Foundry Company

#### POSTS AND POLES

Anderson, Shreiner & Mawson  
Canadian Tie & Lumber Co.  
Eagle Lumber Company  
Gordon Lumber Co., A. E.  
Harris Tie & Timber Company, Ltd.  
Long-Bell Lumber Company  
Mason, Gordon & Co.  
McLennan Lumber Company  
Terry-Nicholson-Cates Ltd.

#### PULLEYS AND SHAFTING

Bernard Industrial Co., The A.  
Canadian Link-Belt Company  
General Supply Co. of Canada, Ltd.  
Green Company, G. Walter  
Engineering & Machine Works of Canada  
Hamilton Company, William  
McLaren, D. K. Ltd.  
Williams Machinery Co., A. R.

#### PULP MILL MACHINERY

Canadian Link-Belt Company  
Engineering & Machine Works of Canada  
Hamilton Company, William  
Payette & Company, P.  
St. Lawrence Lumber Co.  
Waterous Engine Works Company  
Williams Machinery Co., A. R.

#### PULPWOOD

British & Foreign Agencies  
D'Auteuil Lumber Company  
Price Bros. & Company  
Scott, Draper & Company

#### PUMPS

Engineering & Machine Works of Canada  
General Supply Co. of Canada, Ltd.  
Hamilton Company, William  
Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.  
Smart-Turner Machine Company  
Sylvester Mfg. Co., Ltd.  
Waterous Engine Works Company

#### PLANING MILL EXHAUSTERS

(Steel Plate)  
Sturtevant, B. F. & Co.

#### RAILS

Gartshore, John J.  
Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.

#### ROOFINGS

(Rubber, Plastic and Liquid)  
Beveridge Supply Company  
Reed & Co., Geo. W.

#### RUBBER GOODS

Dunlop Tire & Rubber Goods Co.  
Gutta Percha & Rubber Company

#### SAWS

Atkins & Company, E. C.

General Supply Co. of Canada, Ltd.  
Gerlach Company, Peter  
Green Company, G. Walter  
Hoe & Company, R.  
Radcliff Saw Mfg. Company  
Shurly Company, Ltd., T. F.  
Shurly-Dietrich Company  
Simonds Canada Saw Company

#### SAW GRINDERS

Smith Foundry Company

#### SAW MILL LINK-BELT

Canadian Link-Belt Company

#### SAW MILL MACHINERY

Brady Machinery Co.  
Canada Machinery Corporation  
Canadian Link-Belt Company  
Clark Bros. Co.  
General Supply Co. of Canada, Ltd.  
G. Walter Green Company, Ltd.  
Hamilton Company, William  
Long Mfg. Company, E.  
Mershon & Company, W. B.  
Parry Sound Lumber Company  
Payette & Company, P.  
Waterous Engine Works Company  
Yates Machine Company, P. B.

#### SAW SHARPENERS

Hamilton Company, William  
Waterous Engine Works Company

#### SAW SLASHERS

Hamilton Company, William  
Payette & Company, P.  
Waterous Engine Works Company

#### SHINGLES

Apex Lumber Company  
Associated Mills, Limited  
Cameron Lumber Company  
Campbell-McLaurin Lumber Co.  
Canadian Western Lumber Co.  
Chaleurs Bay Mills  
Chesbro, R. G.  
D'Auteuil Lumber Company  
Eagle Lumber Company  
Fraser, Companies Limited  
French, G. M.  
Gillespie, James  
Gloucester Lumber & Trading Co.  
Gordon Lumber Co., A. E.  
Grier & Sons, Ltd., G. A.  
Harris Tie & Timber Co., Ltd.  
Mason, Gordon & Co.  
McLennan Lumber Company  
McNeil Lumber Co.  
Miller Company, Ltd., W. H.  
Rose, McLaurin, Limited  
Stalker, Douglas A.  
Terry-Nicholson-Cates Ltd.  
Timms, Phillips & Company  
Vancouver Lumber Company  
Vanderhoof Lumber Company

#### SHINGLE & LATH MACHINERY

Green Company, C. Walter  
Hamilton Company, William  
Long Manufacturing Company, E.  
Payette & Company, P.  
Smith Foundry Company

#### SILENT CHAIN DRIVES

Canadian Link-Belt Company

#### SLEEPING EQUIPMENT

Simmons Limited

#### SMOKESTACKS

Hamilton Company, William  
Neville-Cooper Co.  
Reed & Co., Geo. W.  
Waterous Engine Works Company

#### SNOW FLOWS

Pink & Company, Thomas

#### SPARK ARRESTORS

Reed & Company, Geo. W.  
Waterous Engine Works Company

#### SPRUCE

Adams River Lumber Co.  
Anderson, Shreiner & Mawson  
Beauchemin & Fils, P.  
Big Bear Lumber Co.  
Cameron Lumber Company

Campbell, McLaurin Lumber Co.  
Canadian Western Lumber Co.  
Chesbro, R. G.  
Coburn Lumber Co.  
Cox, Long & Company  
Dadson, A. T.  
Dudley, Arthur N.  
Fassett Lumber Company, Ltd.  
Fraser, Companies Limited  
Fraser Bryson Lumber Co., Ltd.  
Gillies Brothers  
Gloucester Lumber & Trading Co.  
Goodday & Company, H. R.  
Gordon Lumber Co., A. E.  
Gravel Lumber Co.  
Greig Morris Ltd.  
Grier & Sons, Ltd. G. A.  
Harris Lumber Co., Frank H.  
Hocken Lumber Company  
International Land & Lumber Co.  
Julien, Roch  
Kent James, Robt.  
Larkin Co., C. A.  
Lloyd, W. Y.  
Loggie Co., W. S.  
Mason, Gordon & Co.  
McCormack Lumber Co.  
McDonagh Lumber Co.  
McElroy Lumber Co., Ltd.  
McLennan Lumber Company  
Muir & Kirkpatrick  
New Ontario Colonization Co.  
Northern Lumber Mills  
Power Lumber Co.  
P. Q. Lumber Co.  
Rat Portage Lumber Co.  
Rolland Lumber Co.  
Rose, McLaurin, Limited  
Spencer, Limited, C. A.  
Sutherland Lumber Co., A. A.  
Terry-Nicholson-Cates Ltd.  
Vanderhoof Lumber Company

#### STEAM ENGINES

Lamontague, Ltd.

#### STEAM SHOVELS

Hopkins & Co., Ltd., F. H.

#### STEEL CHAIN

Canadian Link-Belt Company  
Hopkins & Co., Ltd., F. H.  
Waterous Engine Works Company

#### STEAM PLANT ACCESSORIES

Waterous Engine Works Company

#### STEEL BARRELS

Smart-Turner Machine Company

#### STEEL DRUMS

Smart-Turner Machine Company

#### TARPAULINS

Turner & Sons, J. J.  
Woods Manufacturing Company Ltd.

#### TANKS

Hopkins & Co., Ltd., F. H.  
Horton Steel Works

#### TENTS

Turner & Sons, J. J.  
Woods Mfg. Company

#### TIES

Austin & Nicholson  
Carew Lumber Co., John  
Canadian Tie & Lumber Co.  
Chaleurs Bay Mills  
D'Auteuil Lumber Co.  
French, G. M.  
Gloucester Lumber & Trading Co.  
Harris Tie & Timber Company Ltd.  
International Land & Lumber Co.  
McLennan Lumber Company  
McNeil Lumber Co.  
Miller, W. H. Co.  
Scott, Draper & Co.  
Terry-Nicholson-Cates Ltd.

#### TIMBER BROKERS

Cant & Kemp  
Farnworth & Jardine  
Wright, Graham & Co.

#### TIMBER CRUISERS AND ESTIMATORS

Savage & Bartlett.  
Sewell, James W.

#### TIMBER LANDS

Department of Lands & Forests, Ont.

#### TOWING MACHINES

Payette & Company, P.  
West, Peachey & Sons

#### TRACTORS

Holt Manufacturing Company  
Hopkins & Co., Ltd., F. H.  
Mussens Limited

#### TRAILERS

Dominion Truck Equipment Co.  
Mussens, Ltd.  
Sylvester Manufacturing Co.

#### TRANSMISSION MACHINERY

Canadian Link-Belt Company  
Engineering & Machine Works of Canada  
General Supply Co. of Canada, Ltd.  
Hamilton Company, William  
Kennedy, Wm. & Sons  
Waterous Engine Works Co.

#### TRUCKS

Tudhope Anderson Co.

#### TRUCK UNITS

Dominion Truck Equipment Co.

#### TURBINES

Engineering & Machine Works of Canada  
Hamilton Company, William

#### TURBO UNDERGRATE BLOWERS

Sturtevant, B. F. & Co.

#### VALVES

Crane, Limited

#### VENEERS

Bury & Co. Robt.

#### VENEER MACHINERY

Coe Manufacturing Company

#### VETERINARY REMEDIES

Dr. Bell Veterinary Wonder Co.  
Johnson, A. H.

#### WARPING TUGS

West, Peachey & Sons

#### WATER WHEELS

Engineering & Machine Works of Canada  
Hamilton Company, William

#### WIRE

Canada Metal Co.  
Laidlaw Bale Tie Company  
Canada Wire & Iron Goods Co.

#### WIRE CLOTH

Canada Wire & Iron Goods Co.

#### WIRE ROPE

Canada Wire & Iron Goods Co.  
Hopkins & Co., Ltd., F. H.  
Dominion Wire Rope Co.  
Greening Wire Co., B.  
Mussens, Ltd.

#### WOODWORKING MACHINERY

General Supply Co., of Canada, Ltd.  
Long Manufacturing Company, E.  
Mershon & Company, W. B.  
Waterous Engine Works Co.  
Yates Machine Company, P. B.

#### WOOD PRESERVATIVES

Beveridge Supply Company  
Austin & Nicholson  
New Ontario Colonization Company  
Power Lumber Co.

#### WOOD PULP

Austin & Nicholson  
New Ontario Colonization Co.  
Power Lumber Co.



# ATKINS

## STERLING QUALITY SAWS

### A Reputation for Quality

The progressive up-to-the-minute mill man knows that

### Atkins STERLING STEEL Saws

Machine Knives and Tools have achieved their reputation because of their high quality and dependability.

If you have not read "The Story of Sterling Steel," and all that it implies in the manufacture of our Saws, clip this advertisement, ask for catalog, sign your name and address, and mail it to us at Hamilton.

If you want us to give you the names of some of the largest and most successful lumber producers who are using Atkins products, we will be glad to do so.

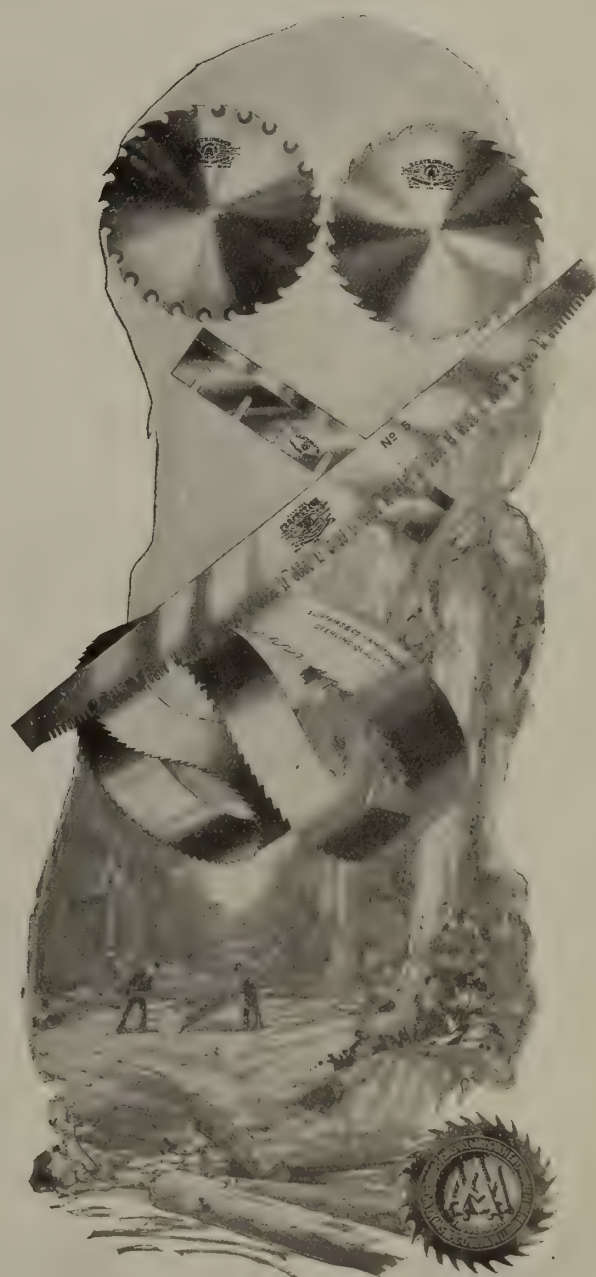
"A Perfect Saw For Every Purpose"

## E. C. ATKINS & CO.

Established 1857      The Sterling Quality Saw People

Canadian Factory, HAMILTON, Ontario

Branch carrying complete stock, VANCOUVER, B. C.



**MADE IN CANADA**

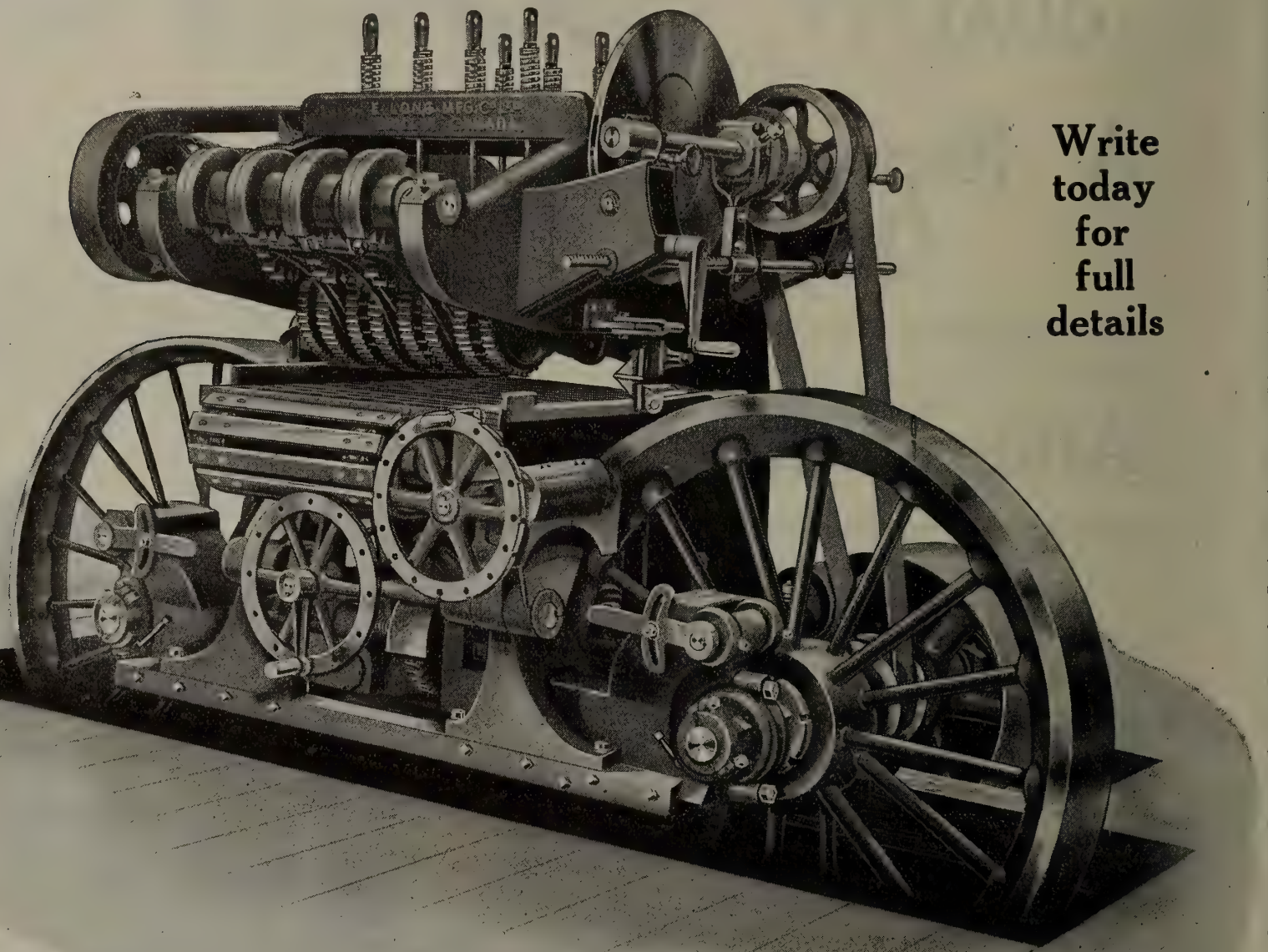


# *Here's A Money-Maker For You!*

Every experienced millman knows the value of a Horizontal Band Resaw. The "Long" Resaw has been conceded first place in this class of equipment. Its extraordinary efficiency is due to its scientifically correct design, and the quality of materials and workmanship put into it. Other features are its

ease of operation and its accessibility for cleaning, inspection, etc.

If you are interested, our engineering department is at your service, and will co-operate with you to the fullest extent.



**Write  
today  
for  
full  
details**

## **The E. Long Manufacturing Co., Limited**

**Orillia** **Canada**

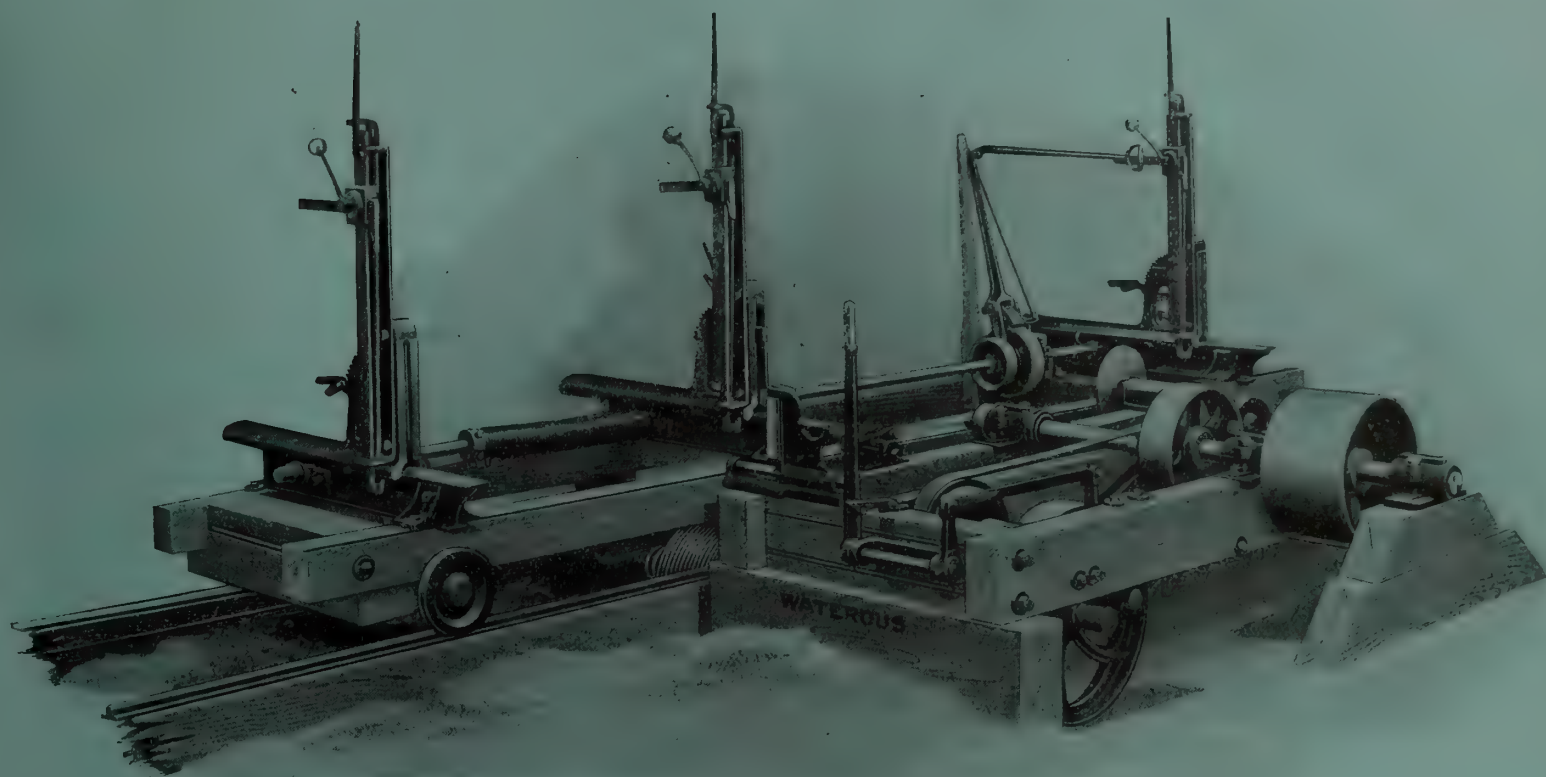
A. R. Williams Machinery Co.,  
Vancouver and Winnipeg



Gormans, Ltd. Calgary and Edmonton  
Williams & Wilson, Ltd., Montreal



# PORTABLE SAWMILLS



The Upper Fraser River Lumber Co. freighted a portable outfit, like the above, seventy miles over rough country to cut material for their big mill at Dome Creek, B.C.

They cut on an average of over 12,000 ft. per day, they turned out 200,000 ft. for their own use, sold several thousand dollars worth of lumber, produced over 2,000 ties and 100,000 ft. of lumber for stock. All this lumber came off their mill sight and was cut on the

## Waterous Portable Sawmill

*We back this mill for strength, efficiency and simplicity against any portable outfit being manufactured. Hundreds are in use in every part of Canada.*

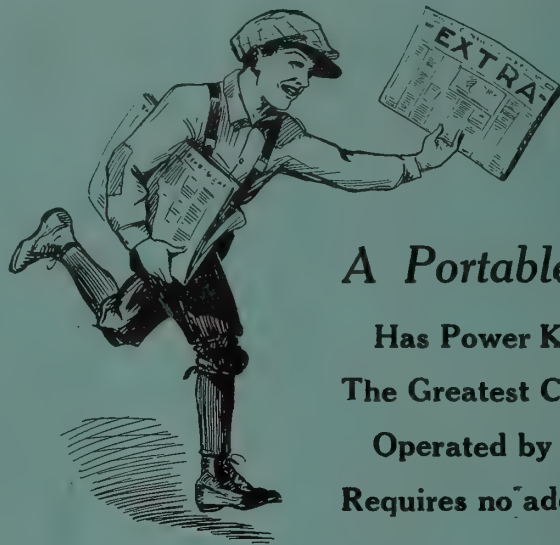
*Send for Bulletin*

# Waterous

BRANTFORD, ONTARIO, CANADA



# EXTRA



*Cadillac*  
404  
PATENTED

## A Portable Sawmill—

Has Power Knees and Dogs.

The Greatest Capacity of any mill on earth.

Operated by one man.

Requires no additional power.

**T**HIS Portable Sawmill is designed especially to handle short logs, veneer cores, etc., working them up into good marketable stock, railroad ties, box lumber, dimension stock, cooperage stock, etc.

To insure reasonable deliveries we are putting forth maximum efforts towards increased production. Let us have your enquiries now.

## BRADY MACHINERY COMPANY

Traverse City, Mich.



Cadillac, Mich.

Manufacturers of  
Portable Sawmill Machinery

General Offices:  
Traverse City, Mich.  
U. S. A.

Machine Shops and Foundries:  
Cadillac, Mich.  
U. S. A.



# Canada Lumberman

Founded 1880

Our new 1923 Catalogue, covering  
Tents, Tarpaulins, Boats, Paddles,  
etc. now ready for distribution.  
Copy mailed on request.

**J. J. Turner & Sons, Ltd.**  
Manufacturers  
PETERBOROUGH, - - - - - ONT.

## FIRE INSURANCE

Unequalled Facilities

Protection + Service + Saving  
TO

Lumbermen

**E. D. HARDY & CO.**  
BOOTH BLDG: OTTAWA, ONT.

Twenty Years of Successful Operation

**DeVEUVE-BURNS UNDERWRITING COMPANY**

Manager

**LUMBERMEN'S INDEMNITY EXCHANGE**

Fire Insurance for Lumbermen

Licensed in Canada

New **RAILS** Relaying

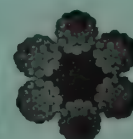
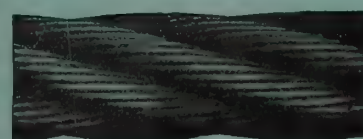
12 to 80 pounds per yard

**LOGGING CARS**

**Jno. J. Gartshore**

58 Front St. West, Toronto

**WIRE  
ROPE**



"We have the Right Rope for every purpose"

The contributing factors in making good Wire Rope are: 1. Men who know how. 2. The best grade of materials. 3. The most modern machinery. We have all three and are producing the goods. Give us a trial.

We solicit your enquiries. Write for our catalogue.

Stock carried in Montreal by J. H. HANSON CO. LTD., Agent

**Canada Wire & Iron Goods Co., Hamilton**

Stock carried in Edmonton and Calgary  
N. F. Judah, McLeod Building, Edmonton, Agent

## Pulpwood Operators, Lumbermen and Jobbers

Valuable time saved by using our Standardized  
Rowing and Power Pointers.

Specially designed for river, lake and mill pond work.

**Gidley Boat Company, Ltd.**

Boats and Engines of all Kinds

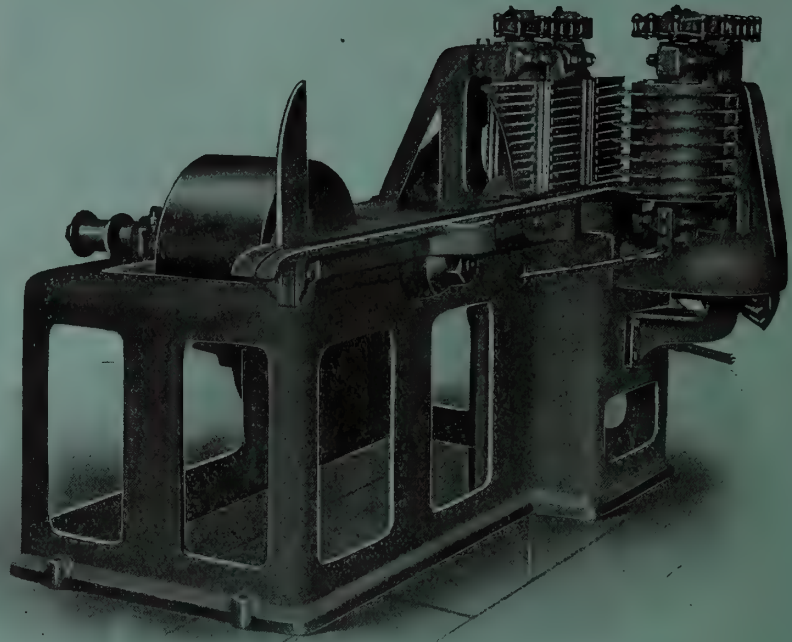
PENETANG, ONT.



# "HAMILTON" CIRCULAR RE-SAWS

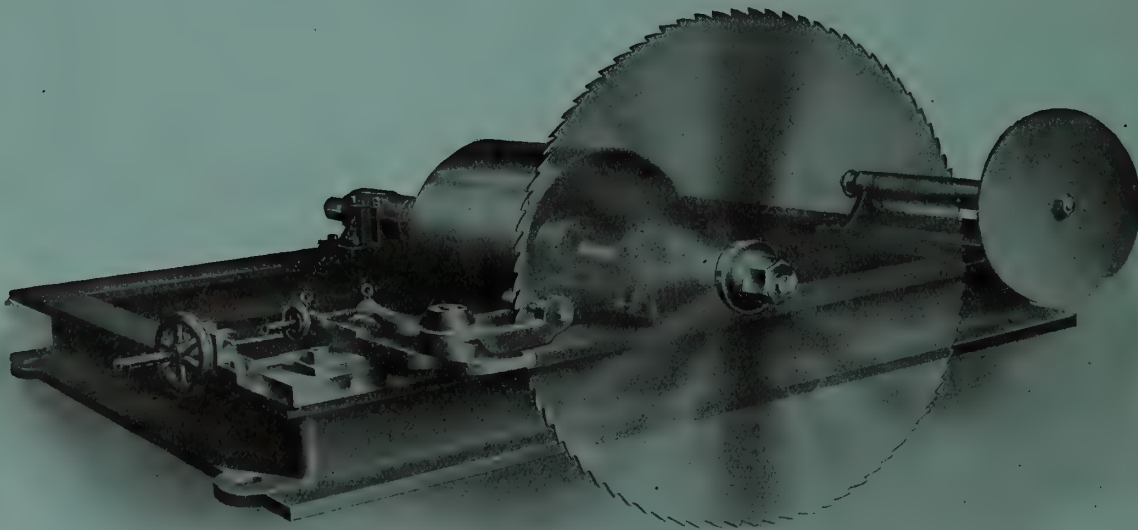
Here is a strong, rigid, well designed machine, specially gotten up for resawing slabs. The feed rolls are carried on a sliding frame that is easily adjustable to cut lumber any desired thickness. The binding or press roll is 13 in. diam., fitted with saw discs and power driven. The saw used is 42 in. diam., driving pulley 18 in. diam. x 12 in. face. Cut shows Left Hand Machine.

We also make this machine with wooden frame, having the mandrel and saw carried on an adjustable sliding frame.



*Descriptive circular sent upon request.*

# "HAMILTON" HUSK FRAMES



Made in different sizes to suit all requirements. Frames are all of cast iron, of heavy section throughout, planed on top and bottom, and mandrel boxes lined with high grade babbitt. Mandrels are exceptionally large, of forged steel with forged collar, and the guide is the famous Parkhurst steel saw guide with steel splitter.

We manufacture a complete line of up-to-date Sawmill Machinery for either Band or Circular Mills.

## William Hamilton Co., Limited

Agents: J. L. Neilson & Co., Winnipeg, Man.

Peterboro, Ontario

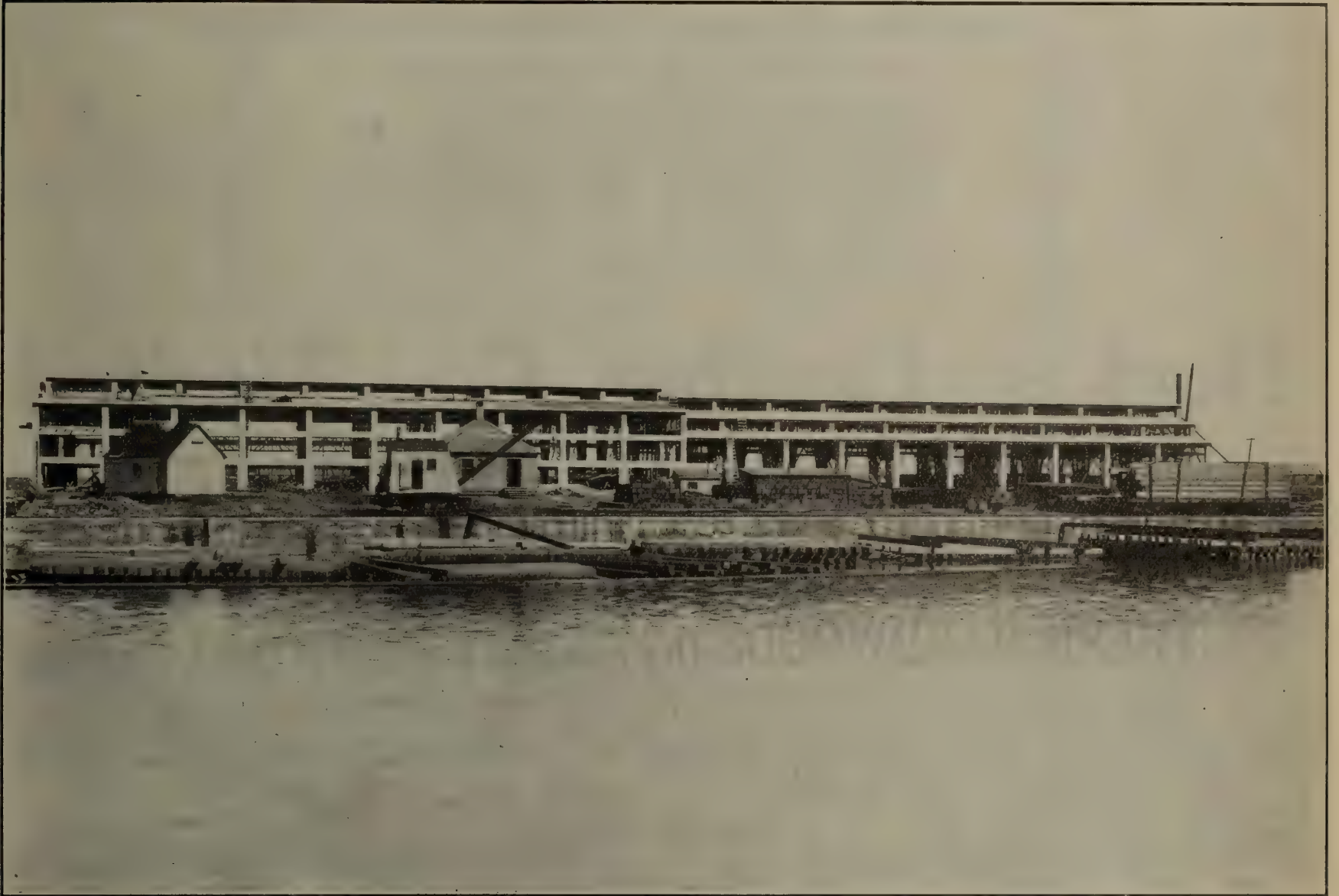
E. G. Blackwell, 65 Davis Chambers, Vancouver, B.C.



# **Knox Brothers, Limited**

HEAD OFFICE:

**512-513 Drummond Building, Montreal, Que.**



*Our Sawmill and Planing Mill at Montreal Harbour*

We expect to be operating both our sawmill and planing mill about the first of June and we shall be glad to receive enquiries for rough or dressed stock in fir or spruce for shipment after June the first.

***We are Specialists in British Columbia Forest Products***

**We Handle  
The Best in the West**



# SPRUCE and HEMLOCK

*Ready for shipment*

2 cars 2x6" —8/16' No. 1 Hemlock  
 3 cars 2x4/12"—8/16' Mill Run Hemlock  
 2 cars 1x4/12"—8/16' No. 1 Hemlock  
 2 cars 1x4/12"—6/16' No. 2 Hemlock  
 2 cars 1x6/up — Merch. Spruce

## Hocken Lumber Co., Limited

626 Confederation Life Building

Phone Main 3153 — Toronto, Ontario

### SOUTHERN HARDWOODS Dry Stock at Buffalo for Quick Shipment

WHITE ASH				
	1 & 2	Clear Strips	No. 1 Com.	No. 2 Com.
¾ in.	2,200	.....	1,500	2,500
1 in.	204,000	22,000	108,000	90,000
1½ in.	44,000	5,000	80,000	4,000
1¾ in.	11,500	11,500	61,000	2,500
2 in.	149,500	900	203,000	80,000
2½ in.	242,000	.....	73,000	37,600
3 in.	25,000	.....	8,000	48,000
4 in.	134,000	.....	39,000	7,500

CHERRY				
	1 & 2	Clear Strips	No. 1 Com.	No. 2 Com.
1 in.	36,000	7,500	133,000	232,000
1½ in.	18,000	.....	5,000	12,000
1¾ in.	7,200	.....	7,000	104,000
2 in.	7,000	.....	22,000	63,000
2½ in.	4,500	.....	4,300	3,000
3 in.	21,700	.....	4,500	4,000
4 in.	3,000	.....	900	.....

CHESTNUT				
	1 & 2	Clear Strips	No. 1 Com.	No. 2 Com.
¾ in.	1,600	.....	3,000	.....
1 in.	119,000	2,000	231,000	57,000
1½ in.	16,000	1,800	30,000	12,000
1¾ in.	23,700	2,600	88,000	27,000
2 in.	3,000	.....	9,000	41,000
2½ in.	2,000	.....	.....	.....
3 in.	1,300	.....	.....	.....
4 in.	1,500	.....	300	.....

CYPRESS				
	1 & 2	Select Shop	No. 1 Shop	No. 2 Shop
¾ in.	500	1,100	1,500	200
1 in.	46,000	107,000	76,000	6,500
1½ in.	66,000	34,300	28,000	2,200
1¾ in.	133,000	53,000	8,600	1,800
2 in.	63,000	37,000	19,900	1,000
2½ in.	13,000	7,900	700	800
3 in.	10,000	18,000	9,000	2,500
4 in.	9,200	5,000	4,000	350

PLAIN RED GUM				
	1 & 2	No. 1 Com.	No. 2 Com.	No. 3 Com.
1 in.	101,000	206,000	3,200	.....
1½ in.	27,000	65,000	2,700	1,800
1¾ in.	17,000	43,000	15,500	5,000
2 in.	5,000	36,000	15,000	2,000

FIGURED RED GUM				
	1 & 2	No. 1C	No. 1C	No. 2C
1 in.	.....	37,000	24,000	.....
1½ in.	.....	4,000	800	.....
1¾ in.	.....	700	.....	.....
8/4	.....	1,000	200	.....

QUARTERED RED GUM				
	1 & 2	No. 1C	No. 2C	No. 3C
4/4	.....	29,000	41,000	.....
5/4	.....	24,000	52,000	1,000
6/4	.....	24,000	49,000	5,600
8/4	.....	75,000	88,000	1,500

SAP GUM				
	1 & 2	No. 1 Com.	No. 2 Com.	No. 3 Com.
1 in.	1,500	2,500	18,600	2,500
1½ in.	14,500	4,000	2,000	9,000
1¾ in.	.....	1,800	11,200	3,000
2 in.	8,100	12,400	300	4,700
3 in.	.....	.....	300	.....

QUARTERED SAP GUM				
	1 & 2	No. 1C	No. 2C	No. 3C
4/4	.....	1,800	.....	.....
5/4	.....	9,000	.....	.....
8/4	.....	18,000	13,800	300
10/4	.....	5,000	.....	.....
12/4	.....	300	.....	300

HICKORY				
	1 & 2	No. 1 Com.	No. 2 Com.	No. 3 Com.
1 in.	1,100	6,000	1,000	2,500
1½ in.	1,400	2,700	2,150	.....
1¾ in.	64,000	62,000	9,000	3,000
2 in.	4,200	38,000	17,200	4,800
2½ in.	2,000	5,000	5,700	600
3 in.	2,000	10,580	7,200	1,700
4 in.	2,400	2,400	375	.....

TENNESSEE SCENTED CEDAR				
	1 in.	1½ in.	2 in.	3 in.
1 in.	26,000	.....	.....	.....
1½ in.	1,500	.....	.....	.....

POPLAR				
	1 & 2	No. 1 Com.	Bright Saps	No. 2 Com.
18" up	.....	700	200	.....
¾ in.	1,500	37,000	54,100	4,900
1 in.	.....	81,000	92,900	700
1½ in.	2,200	4,000	64,000	.....
1¾ in.	5,300	8,000	42,000	24,000
2 in.	.....	8,300	14,000	12,800
2½ in.	.....	4,000	8,000	13,800
3 in.	.....	600	10,000	21,000
4 in.	.....	.....	4,500	9,200

PLAIN RED OAK				
	1 & 2	No. 1 Com.	No. 2 Com.	No. 3 Com.
¾ in.	49,000	171,000	.....	.....
1 in.	.....	74,000	21,600	2,000
1½ in.	84,000	17,000	.....	50,000
1¾ in.	64,000	74,000	9,000	2,100
2 in.	54,000	68,000	5,000	600
2½ in.	59,000	112,000	26,000	5,000
3 in.	1,500	1,400	.....	.....
3½ in.	94,100	33,000	.....	.....
4 in.	12,800	20,000	7,000	12,000
.....	2,600	4,600	.....	.....

PLAIN WHITE OAK				
	1 & 2	No. 1 Com.	No. 2 Com.	No. 3 Com.
¾ in.	72,000	7,000	15,900	3,000
1 in.	102,000	173,000	32,000	.....
1½ in.	50,000	33,000	15,200	65,000
2 in.	.....	7,600	.....	.....
2½ in.	33,000	35,000	.....	1,500
3 in.	15,000	57,000	7,000	12,000
3½ in.	3,200	3,200	.....	.....
4 in.	115,000	44,000	2,000	1,800
.....	13,000	23,000	900	600
.....	4,500	3,000	.....	.....
.....	25,000	17,800	.....	.....

QUARTERED RED OAK				
	1 & 2	Clear Strips	No. 1 Com.	No. 2 Com.
¾ in.	1,700	.....	5,700	500
1 in.	13,200	5,400	9,000	1,400
1½ in.	5,900	.....	2,900	.....
1¾ in.	400	.....	4,000	.....
2 in.	.....	.....	7,400	.....

QUARTERED WHITE OAK				
	1 & 2	Clear Strips	No. 1 Com.	No. 2 Com.
¾ in.	6,100	.....	.....	.....
1 in.	3,900	.....	6,800	3,000
1½ in.	2,800	.....	700	800
1¾ in.	28,000	4,300	70,000	3,700
2 in.	7,000	27,000	48,000	4,800
2½ in.	3,500	500	2,500	.....
3 in.	.....	.....	21,000	5,700
4 in.	600	.....	200	.....

BLACK WALNUT				
	1 & 2	No. 1 Com.	No. 2 Com.	No. 3 Com.
1 in.	9,000	21,000	20,000	3,000
1½ in.	.....	3,600	3,000	1,600
1¾ in.	200	200	500	.....
2 in.	.....	4,000	3,000	200
2½ in.	.....	.....	.....	.....
3 in.	.....	.....	300	.....
4 in.	.....	500	1,200	.....

BASSWOOD				
	1 & 2	Clear Strips	No. 1 Com.	No. 2 Com.
1 in.	123,000	3,000	111,000	75,000
1½ in.	152,000	10,000	102,000	7,000
1¾ in.	59,000	2,300	17,000	13,000
2 in.	63,000	.....	9,000	27,000
2½ in.	5,200	.....	2,500	900
3 in.	55,000	.....	6,600	13,000
3½ in.	8,000	.....	1,500	4,000
4 in.	.....	.....	1,500	200

Also large stock of Brown Ash, Basswood, Beech, Birch, Elm and Maple.

**THE ATLANTIC LUMBER CO. Inc.** 310 MANNING CHAMBERS  
**TORONTO**

MANUFACTURERS SOUTHERN HARDWOOD LUMBER

Head Office: BOSTON, MASS.

Yards: Buffalo, N. Y.

Mills: KNOXVILLE, TENN., FONDE, KENTUCKY



We are now offering stocks of White Pine, Red Pine and Hemlock en bloc to be sawn during the season. These stocks are attractively priced.

## SPECIAL

1x4 & 5"—10/16' M.R. Red Pine

Small knotted stock. Contains high percentage dressing.

Please note that we have now removed to new and larger offices.

**The A. E. Gordon Lumber Co.**

1009 Federal Life Building

Branch Office:  
507 Pacific Bldg., Vancouver, B.C.

TORONTO, ONT.  
Phone Adel. 4281

Cable Address "GORLUMBER"



# EDWARD CLARK & SONS LIMITED

807 Bank of Hamilton Building - Toronto

## Hardwood Lumber

SPECIALTY



BIRCH

Sawing has already started at Midland on one and a half million feet of the best Hard Maple this famous territory produces.

Sawing instructions are now being received. Have you placed yours yet?

*Correspondence  
Invited*

We have for immediate shipment the following high grade dry stock:  
100,000 ft. 4/4 Birch 1 Common & Selects.

3 Cars 16/4 Birch 1 Common & Better.

We will have all sizes of new cut stock ready for shipment in 30 days.

### EFFICIENCY, COURTESY AND SERVICE

## LATH and LUMBER

WHITE PINE  
NORWAY PINE

Shevlin - Clarke  Company Limited

FORT FRANCES, ONT.

**Manufacturers  
and Wholesalers**

Prompt Shipment.  
Attractive Prices.



WHITE PINE  
RED PINE  
JACK PINE  
SPRUCE  
HEMLOCK

HARDWOODS  
SHINGLES  
B. C. PRODUCTS  
TIMBER  
LATH

# Service

At the height of the building season, it's a wise dealer who is in touch with a dependable wholesale house who can guarantee rush shipments.

*Keep Fesserton in mind*

## The Fesserton Timber Company Limited

15 Toronto St.      MAIN 795-6      Toronto

Western Office: Winch Building, Vancouver, B.C.



# PULPWOOD



N.B. CEDAR SHINGLES  
LUMBER      LATHS  
RAILROAD TIES

*Shipments by Rail or Water*

## ST. LAWRENCE LUMBER CO. LTD.

QUEBEC, P.Q.

OUR NAME AND TRADE MARK ARE THE GUARANTEE

Mills at Amqui, P.Q., St. Vianney, P.Q., Metalik, P.Q., Lac Au Saumon, P.Q.  
TERMINAL AT RIMOUSKI, P.Q.



# Geo. Gordon & Co.

Limited

CACHE BAY - ONTARIO

*Manufacturers of*

## WHITE & NORWAY PINE

Lumber, Dimension Timber  
Lath, Shade Roller Pickets

*Planing Mill in Connection*



## The Spanish River Lumber Co. Limited

LUMBER MANUFACTURERS

CUTLER, ONTARIO

WHITE PINE,  
NORWAY PINE,  
HEMLOCK

Shipments  
by Rail  
or Water





## Canadian Forest Products

**PEOPLE** no longer buy things because they are cheap. Cheapness is no recommendation. Experience has proved that cheap things are dear in the long run. The true economy is in quality goods—quality is the test of cheapness, and service is the test of value.

**TERRY-NICHOLSON-CATES**  
LIMITED

SUCCESSORS TO  
*Terry & Gordon*  
LIMITED

MONTREAL

TORONTO

VANCOUVER

*Exclusive Ontario Agents  
of*

The British Columbia Mills, Timber and Trading Company Limited  
Vancouver, B. C.



# New Ontario Colonization Co., Ltd.

MANUFACTURERS  
**SPRUCE LUMBER AND LATH**

**Tamarack**

**Rossed Pulpwood**

Our modern Planing mill enables us to dress lumber  
in any manner required.

**Sales Office: BUFFALO, N. Y.**  
609 Jackson Bldg.

**Mills : JACKSONBORO, ONT.**  
Transcont. Div. Can. Nat. Rys.

*Kindly address all inquiries care department "A"*

We are always in the market to buy Soft Elm, Maple, Birch and other Hardwoods. Also Spruce, Pine, Poplar or Balm for crating.

Established Twenty Years

**Liberal Prices      Fair Inspection**  
**Prompt Payment**

*We have a good Stationary Saw Mill complete with power for sale, capacity 15 to 20 M. per day. Write us for particulars.*

**The Manufacturers' Lumber**  
Company Limited

**Stratford      -      Ont.**

## BARGAINS IN Standing Timber

ALL our remaining timber lands and town property situated in the town of Parry Sound are offered for sale by us. The special prices at which these are being sold makes early enquiries advisable.

Good bargains are still obtainable in the Townships of Christie, Allen, Secord, Falconbridge and Street. May we send you full particulars?

**The Parry Sound Lumber Co.**

26 Ernest Avenue

LIMITED  
Toronto, Ont.

Phone Adel. 7718

302 Brass Bldg.

**Cedar Shingles**

**Western Fir, Spruce and Pine**

All Dimensions All Grades

Old Growth Soft Yellow Fir in Rough Clears

**Southern Yellow Pine**

Canadian Representatives of

**Cantrell Lumber Co., New York**

Handling the product of several leading Southern Pine Mills. Send us your inquiries for B and Better finish and Rough or sized dimension.

**J. L. Nevison, Toronto, Ont.**

**Watson & Todd Limited**  
**OTTAWA**

**WHITE PINE**

**RED PINE**

**SPRUCE**

Registered



Trade Mark

**Rideau Club Building**  
Cor. Wellington and  
Metcalf Sts.

Registered



Trade Mark



# GEORGE MASON & COMPANY

(Successors to Manley Chew)

MANUFACTURERS OF

## Pine—Maple—Beech—Basswood Lumber—Lath

WE INVITE YOUR ENQUIRIES

Mills at Midland, Ont., Thunder Bay, Ont.

Head Office:—Midland, Ont.

### Do Your Customers Come Back?

They will if you sell our lumber which is all carefully manufactured in our own mills from timber off our own limits.

Get our prices on

## WHITE & RED PINE

Also Box and Crating stock. Lath and Shooks. You'll find they offer a good margin of profit for you.

**KEEWATIN LUMBER COMPANY, LTD.**

**KENORA                      ONTARIO**

Two complete Saw and Planing Mills Box Factories and Lath Mill at Keewatin and Kenora, Ont.

### F. W. Brennen & Sons

474 Main St. East

Hamilton, Ont.

Wholesale

## LUMBER LATH--SHINGLES

We have what you want:      Write us for quotations

## A. T. DADSON

Wholesale Lumber Broker

350 CONFEDERATION  
LIFE BLDG.

**TORONTO**

Telephone  
Main 1892

Would be glad to hear from manufacturers and wholesalers with particulars of stock of Lumber and Lath.

We are  
Exclusive handlers of the Celebrated

### "VELVET BRAND" SHORT LEAF YELLOW PINE

— The softest that grows —

Steam Dried or  
Smoke Dried

Inquiries invited  
Prompt Shipments

**Russell Harris Lumber Company**  
34 Victoria Street, Toronto.      Telephone Main 4700

# British Columbia

Lumber and Shingles

Best Grades—Mill Prices—Prompt Shipment

## THOS. N. PHILLIPS

Royal Bank Building

Toronto, Ont.



THE  
**Montreal Lumber Co.**  
Limited  
**WHOLESALE  
LUMBER**  
759 Notre Dame St. W., Montreal  
W. K. GRAFFTEY,  
President and Managing Director.

**DR. BELL'S**  
Veterinary Wonder Remedies  
50,000 one dollar (\$1.00) bottles Free  
to horsemen who give the Wonder a fair  
trial. Guaranteed for Colic, Inflammation  
of the Lungs, Bowels, Kidneys,  
Fevers, Distemper, etc. Send 25c for  
Mailing Package, etc. Agents wanted.  
Write your address plainly. DR. BELL,  
V.S., Kingston, Ont.



## Know Your Market

A timely knowledge of Canadian construction activities gives the lumberman a point of vantage from which to conduct his sales.

The Contract Record will keep you posted on construction undertakings large and small.

The subscription price is \$3.00.

Send to

## Contract Record

and Engineering Review  
347  
Adelaide Street West,  
Toronto, Ont.

# LUMBER

## Wanted

### Mill-cuts in

# W. Pine Hemlock Birch Elm Maple

## C. G. Anderson Lumber Company, Limited

Manufacturers and Strictly Wholesale  
Dealers in Lumber

SALES OFFICE

705 Excelsior Life Building  
Toronto

### BELTING

All kinds of new and used Belting  
Shipped subject to approval, at  
Lowest Prices in Canada

**YORK BELTING CO.**  
115 York St. Toronto, Ont.

### JACK PINE

### HEMLOCK

### SPRUCE

**JAMES R. SUMMERS**  
Wholesale Lumber  
95 King St. East TORONTO, Ont.  
Main 7329

### HICKORY AXE HANDLES

Made From the Best Canadian  
HICKORY

Quality, Shape and Finish Unexcelled  
**St. Marys Wood Specialty Co. Ltd.**  
St. Mary's, Ontario, Canada

High Grade Wood Specialties Ball Bats  
and Hardwood Lumber."

### BELTING FOR SALE

We have a large quantity of Second-  
Hand Rubber and Leather Belting in  
all sizes and plys up to 24 inches in  
width, which we can sell at interesting  
prices. Send us your requirements.

**N. SMITH**  
138 York St. - Toronto, Ont.

### Robt. Coltart & Co.

Royal Liver Building  
Liverpool England

Agents for the sale of  
Pine, Spruce and Hard-  
woods. Correspondence  
invited.

Cables—"COLTART" Liverpool

### Cant & Kemp

52 St. Enoch Square  
GLASGOW

### Timber Brokers


Cable Address, "Tectona," Glasgow  
A1 and ABC Codes used

### FARNWORTH & JARDINE


Cable Address: Farnworth, Liverpool  
**WOOD BROKERS  
and MEASURERS**

2 Dale Street, Liverpool and  
Seaforth Road, Seaforth,  
Liverpool, England





# Quick Action




## You Can Have It

Try the Canada Lumberman Wanted and For Sale Department. Have you anything you wish to buy or sell in the Lumber Industry? You will find this department inexpensive, and a very effective business getter.

Our Classified Advertisers do not repeat the ad, often. They don't have to. They report immediate results. Use these columns to your own advantage.

**CANADA  
LUMBERMAN  
and WOODWORKER**  
347 Adelaide St. W.  
TORONTO



***"Well Bought is Half Sold!"***

## Some Good Things

in

## Good White Pine

### IN PINK OF CONDITION

48 M'	1 x 8 & up—	10/16	C. Sel. & Btr.
51 M'	1 x 8 & up—	"	D. Selects.
33 M'	1 x 4/6	"	C. Sel. & Btr.
38 M'	1 x 4	"	" " " "
20 M'	1 x 5	"	" " " "
65 M'	1 x 6	"	" " " "
16 M'	5/4 x 8 & up	"	" " " "
24 M'	6/4 x 8 & up	"	" " " "
25 M'	6/4 x 8 & up	"	D. Selects.
38 M'	2 x 8 & up	"	C. Sel. & Btr.
16 M'	2 x 8 & up	"	D. Selects.
35 M'	2 x 4 & up	8/16	No. 2 & 3 Cuts.

### Unusually Good Width

**Canadian General Lumber Co.**  
Limited

## FOREST PRODUCTS

TORONTO OFFICE:— 712-20 Bank of Hamilton Building

Montreal Office:— 514 Canada Cement Company Bldg.

Mills: Byng Inlet, Ont.

### LUMBER WANTED

We are in the market for a block of Spruce and Hemlock, inch and 2" Merchantable and No. 2, also Pine Mill Culls. In writing quote your lowest price.

The Foley Lumber Co.,  
18 Toronto Street,  
Phone Main 2746 Toronto, Ont.

Manufacturers of

**WIRE** For TYING, BUNDLING  
and many other purposes  
NAILS

**LIDLAW BALE TIE CO., Ltd**  
HAMILTON, ONT.

### SAVAGE & BARTLETT

FOREST ENGINEERS

Timber Estimates, Maps, Topographic  
and Boundary Surveys

15 State St., BANGOR, MAINE

### W. Y. LLOYD

350 Confederation Life Building,  
TORONTO, Ont.

Dealers in Eastern and Western  
**Canadian Softwoods**

Pine, Spruce, Fir, Hemlock  
Lath and Shingles.

Soliciting enquiries.

Safe and Reliable  
**Timber Estimates**  
Reports - Maps

**James W. Sewall**  
Forest Engineer

Old Town, Davidson Bldg.,  
Maine. Washington, D.C.

Largest Cruising House in America.

### SPECIALTIE

Sawed Hemlock  
Red Cedar Shingles  
White Pine Lath  
Bass and Poplar Siding

**James Gillespie**

Pine and Hardwood

**Lumber**

Lath and Shingles

North Tonawanda, N.Y.





## ALL CANADIAN HARDWOODS

Lumber  
at first cost

Hard Maple  
our specialty

HALL BROS. LTD. 300 Crown Office Bldg., Toronto  
Manufacturers Wholesalers

## A Permanent Lumber Service

**A**FTER several years of inactivity we are now cutting on our modern fully equipped mills at Manistique and Little Lake, Upper Michigan. The timber behind these mills was purchased many years ago by the Stack interests from the then "unlimited" supply. Its quality, particularly the maple and birch, is the envy of northern mill men among whom this tract is famous.

This timber will run the mills to full capacity for fifteen to twenty years. The 40,000,000 feet annual cut will run:

15,000,000 ft. maple annually  
6,000,000 ft. birch annually  
2,500,000 ft. beech annually  
2,500,000 ft. elm annually  
900,000 ft. basswood annually  
200,000 ft. ash annually  
6,000,000 ft. hemlock annually  
3,000,000 ft. white pine annually

the balance in Spruce and Tamarack.

Our exceptional service, grades, and manufacture will be maintained.

"Low freight rate shipments by water to Toronto, Montreal, Owen Sound, Port Arthur, and other Great Lakes and St. Lawrence River Ports. Conveniently located also for rail shipments to inland points by C.P.R. or Soo line."

We will be pleased to hear from old friends and from new ones who can understand and appreciate what permanent connection with such a source of supply would mean.

## STACK LUMBER CO.

ESCANABA

MICHIGAN

## ROSE-McLAURIN

LIMITED

1226 Bank of Hamilton Building TORONTO  
Phone Main 6752

*We Specialize in*

**British Columbia Lumber and  
Timber and Red Cedar Shingles**

*Let us quote you. Our prices are right*

*We also handle the well known*

**"TEN-TEST" SOLID FIBRE BOARD**

## W.S. LOGGIE

**and Company, Limited**

*Manufacturers  
of Lumber  
including*

## SPRUCE, PINE and LATHS

**Head Office**

**Chatham, N.B.**

**Mill**

**Inkerman, N.B.**

## The Rat Portage Lumber Co., Limited, Vancouver

MANUFACTURERS OF

### DOUGLAS FIR, SPRUCE AND HEMLOCK

FLOORING, CEILING, SIDING, INTERIOR AND EXTERIOR  
FINISH OF ALL KINDS INCLUDING MOULDINGS

**Rough Kiln Dried and Green Clear Fir in All Sizes**

Boards, Shiplap, and Dimension

**ROUGH TIMBERS UP TO 90 FEET LONG**

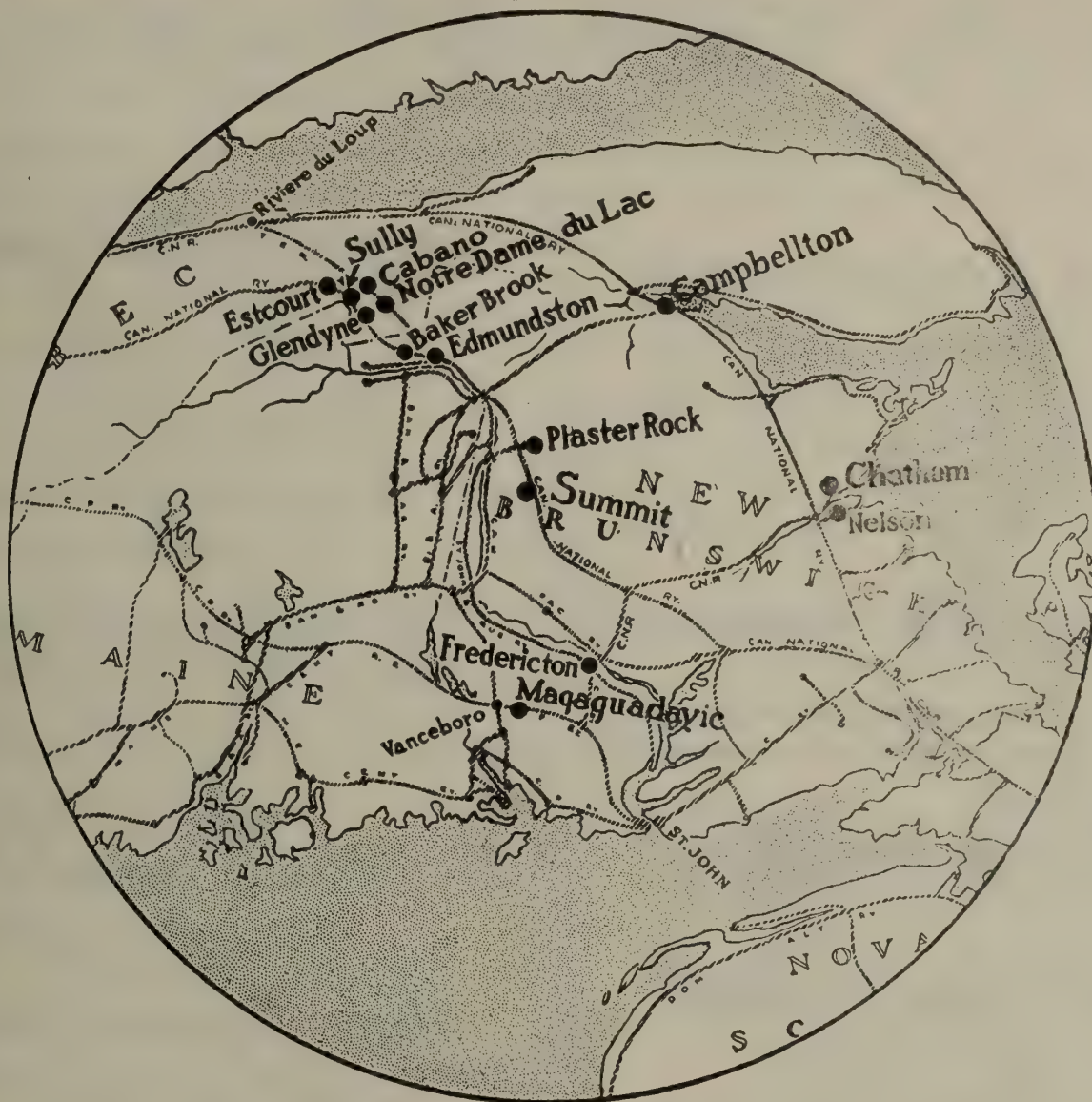
WE SPECIALISE IN 1/4  
SCANT SIZED DIMEN-  
SION, ALSO DIMENSION  
AND BOARDS IN THE  
ROUGH



# FRASER COMPANIES, Limited

Bleached Sulphite Pulp Mill. Saw Mills (all Band Saw Mills). Shingle Mill

HERE THEY ARE ON THE MAP



## Mills and Railway Connections

Saw and Shingle Mills	Railway Connections
Cabano, Que . . . . .	Temiscouata Ry.
Notre Dame du Lac, Que. . . . .	Temiscouata Ry.
Glendyne, Que . . . . .	C. N. Ry.
Estcourt, Que. . . . .	C. N. Ry.
Sully, P.Q. . . . .	C. N. Ry.
Edmundston, N. B. C.P.R., C.N.R. and Temiscouata Ry.	
Magaguadavic, N.B. . . . .	C. P. R.

Saw and Shingle Mills	Railway Connections
Baker Brook, N. B. . . . .	C.N.Ry., Temiscouata Ry.
Plaster Rock, N.B. . . . .	C. P. R.
Summit, N. B. . . . .	C. N. R.
Fredericton, N. B. . . . .	C.P.Ry and C.N.Ry.
Nelson, N. B. . . . .	C. N. Ry.
Campbellton, N. B. . . . .	C. N. Ry.

Bleached Sulphite Mill, Edmundston, N. B. . . . . Railway Connection, C.P.R., C.N.R. and Temiscouata Ry.  
Sulphite Mill, Chatham, N. B. . . . . Railway Connection, C. N. R.

Bleached Sulphite.

Rough and Dressed Spruce.

White Cedar Shingles.

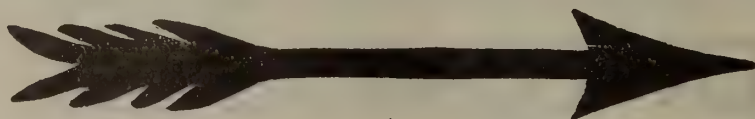
Railway Ties

Piano Sounding Board Stock a Specialty.

Selling and Purchasing Offices :-- EDMUNDSTON, N. B.



**THE BEST  
IN  
CANADIAN  
HARDWOODS**



## THE PEDWELL HARDWOOD LUMBER COMPANY

Office and Yard: FT. SPADINA AVE., TORONTO

### *Important Announcement*

A Shingle Nail is now being manufactured in Canada which should last the life of British Columbia Red Cedar Shingles.

This is a heavy gauge nail, has sharp point, wide head with thickened shank under, and is protected with a heavy coating of pure galvanized spelter applied by hot-dipped process.

Red Cedar Shingles applied with such nails assure a roof of lasting satisfaction.

Every lumberman could stock these nails to advantage. We will gladly send samples.

**British Columbia Lumber Commissioner**  
51 Yonge St. Toronto

### *The Smile of Satisfaction*

Know what real satisfaction means by giving McDonagh Lumber a trial. Wholesale Hardwoods (Native and Foreign), Crating Spruce, Pine and Hemlock, Canadian Birch, Basswood and Maple.



Every Shipment Guaranteed

**The McDonagh Lumber Co.**  
226 Confederation Life Building, TORONTO

### Planing Mill Stock

## CYPRESS

Soft, Dry Stock, Finest Grades—

All Thicknesses— 4/4, 5/4, 6/4, 8/4, 10/4, 12/4

### Yellow Pine Finish

Kiln Dried, Soft, Short Leaf Kind

Stock Widths  $\left. \begin{matrix} 4\frac{1}{4} \\ 5\frac{1}{4} \\ 6\frac{1}{4} \end{matrix} \right\}$  by 4", 6", 8", 10", 12'

Also OAK, ASH, POPLAR, GUM

**WISTAR, UNDERHILL & NIXON**

Real Estate Trust Bldg., Philadelphia, Pa.

### ROCH JULIEN Lumber

Always on hand a large quantity of

**Pine, Spruce, Birch, etc.**

Freehold land, Timber limit for sale

*Send your enquiry*

MORIN BUILDING,

QUEBEC CITY

## The D'AUTEUIL LUMBER CO., Limited

81 St. Peter Street,  
QUEBEC

**Pulpwood, Lumber,  
Spoolwood,  
Ties and Shingles**



## ***Just Real Good Lumber —Sensibly Priced***

DRESSED JACK PINE  
SIZED HEMLOCK  
1" HEMLOCK BOARDS  
SPRUCE  
WHITE PINE  
NORWAY

### **LARKIN LUMBER COMPANY LIMITED**

236 CONFEDERATION LIFE BUILDING

TORONTO, ONT.

### **AUSTIN & NICHOLSON LIMITED**

CHAPLEAU, ONTARIO

Lumber, Lath, Ties, Pulpwood.

Quick Dressing and Matching in Car Lots  
a Specialty.

Mills at DALTON, NICHOLSON, DEVON

### **Some of these Cars in Transit Now**

California White Pine & California Redwood.

Yellow Pine Finishing.

Oak, Gum, Poplar and Cypress.

also

A few cars of 4/4 and 8/4" C. & C. Norway ready  
for shipment.

**THE EASTMAN LUMBER COMPANY, LIMITED**  
38 Sun Life Building, Hamilton, Ontario Phone Regent 162

### **Milling in Transit**

A Well Equipped Mill

C.P., G.T., & C.N. Railway Connections

*Special Mill Work Prompt Service*

**J. R. Eaton & Sons, Limited**  
ORILLIA, ONT.

## ***Everything in Lumber***

The

**McLennan Lumber Co., Ltd.**

Office and Yard: 21 Dorchester Street W., Montreal

P.O. BOX 1854

PHONE PLATEAU 1300

## **Power Lumber Company Limited**

*Manufacturers of*

# **SPRUCE**

**Lumber Lath Pulpwood**

*Head Office and Mills at:*

**St. Pacome, Que., Canada**

On Can. Nat. Ry. 75 Miles East  
of Quebec City

*Also Mills at:*

**Lapointe, Riv. Manie, Powerville  
and Ste. Apolline**

On Edmunston Div.—Can. Nat. Rys.



**The Harris Tie & Timber Co., Ltd.**  
**The C. E. Fleming Tie & Lumber Co., Ltd.**  
**The Poupore Lumber Co.**

**Railway Ties, Cedar Poles and Posts, Lumber, Lath, Shingles, Pulpwood**

**197 SPARKS STREET**

**OTTAWA, CANADA**

**H. R. Goodday**  
**AND COMPANY**

EXPORTERS OF

**SPRUCE AND  
 PINE**

New Brunswick Agent

**F. E. NEALE,**

Chatham, N.B.

**Head Office: QUEBEC, P.Q.**



For Prompt Delivery of  
**Hemlock, Spruce, Lath  
 Pulpwood and Hardwoods**

**Dressed and Ripped to Order**

We specialize in Hemlock and Spruce  
 Timbers and have excellent facilities  
 for quick shipment—rail or water  
 delivery.

*Tell us your requirements*

**Fassett Lumber Co., Limited**  
**Fassett, Quebec**

F. N. Waldie, President.

R. S. Waldie, Vice-President

W. E. Harper, Secretary.

**The Victoria Harbor Lumber Co., Ltd.**

Manufacturers of

**Lumber and Lath**

Mills at Victoria Harbor, Ont.

HEAD OFFICE,  
 12-14 Wellington Street East, **TORONTO, ONT.**





# Lumber and Kraft Pulp

*EASY BLEACHING SULPHITE PULP*

SPRUCE AND WHITE PINE

## The Bathurst Company Ltd.

BATHURST, N. B., CANADA





# SCOTT, DRAPER & COMPANY

11 SAULT AU MATELOT STREET, QUEBEC.

## PULPWOOD, LUMBER AND TIES

LET US KNOW YOUR REQUIREMENTS

WRITE, WIRE, OR PHONE

### A. A. Sutherland Lumber Co.

LIMITED  
Oxford, N.S.

*Specialty made of dimension lumber any length up to 30 ft.*

**SPRUCE HEMLOCK  
HARDWOODS**

**BEECH, MAPLE and BIRCH**

*High quality lumber, liberal grading, conscientious service  
and prompt shipment*

LET US QUOTE ON YOUR LUMBER REQUIREMENTS

### Thompson Heyland Lumber Co.

123 Bay Street - - - Toronto

For Sale

Everything in Dry Hemlock Lumber.  
500 M. 1 x 4 x 5 x 6 in choice Merchantable Spruce.

Wanted to buy

2 million feet Spruce, Jack Pine and Hemlock for spring delivery.  
10,000 cords of Spruce and Balsam, peeled pulpwood.  
10,000 cords peeled poplar.  
50 M. Ties in Cedar, Hemlock and Jack Pine.

Will make the necessary advances.

### GILLIES BROS., LTD.

BRAESIDE ONTARIO

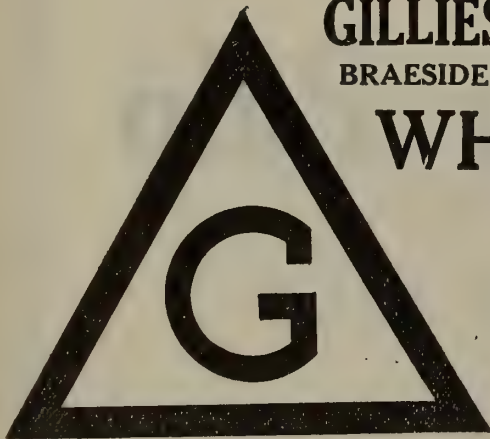
**WHITE PINE**

**RED PINE  
SPRUCE**

*Dry Stock*

*Well Sawn*

*Prompt Shipment*

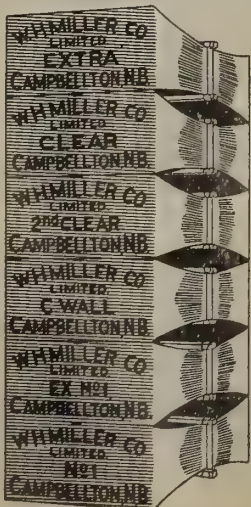


### MILLMEN

We are in the market for stocks of Hemlock, White Pine, Spruce and Jack Pine. Give us full particulars and prices of what you have to offer.

### Greig-Morris Limited

411 Manning Chambers, Toronto, Canada



## The Same Good Quality

that makes these New Brunswick White Cedar Shingles famous is still found in every shipment that leaves our plant.

If you want to get the reputation of selling something really good this is the kind to handle. Made by

**W. H. MILLER CO. LIMITED**

Campbellton, N. B.

We also manufacture Spruce and Pine Lumber, Lath, Cedar Tiles, etc.



# British Columbia Lumber

*"Manufactured in Modern Mills"*

Quality Lumber in all Grades and Sizes

Specialties:—

Fir Cross Arms

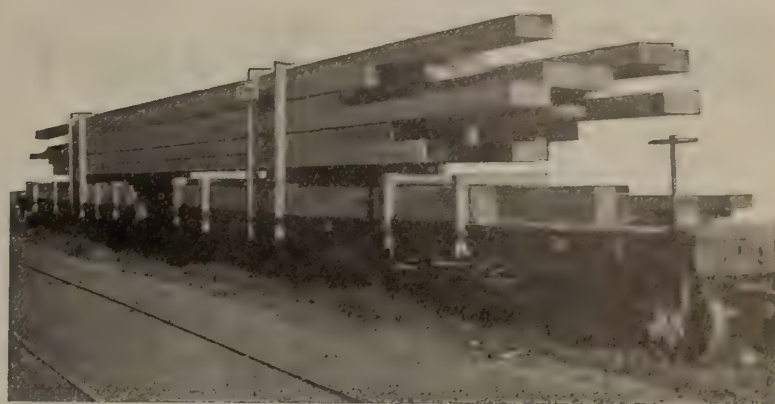
Spruce Box Shooks

Klin Dried Finish & Flooring

Rail Shipments to all parts of Canada  
and United States

## Cameron Lumber Co., Ltd.

Office & Mills - VICTORIA, B. C.



## Let us Serve You!

Long Timbers

Deep and Heavy Joists

Special Industrial Items

Rough—any size up to 110' long,  
S4S up to 16x20 x 100'

## Timberland Lumber Co., Limited

New Westminster, B. C.

Mills: South Westminster—Logging Camps: Ladysmith, Vancouver Island.  
Shipments over all railways.

### MEMBER MILLS

Alberta Lumber Co., Ltd.  
Dominion Creosoting & Lumber Co., Ltd.  
Eburne Sawmills Ltd.



### MEMBER MILLS

Ladner Lumber Limited  
Robertson & Hackett Sawmills, Ltd.  
Timberland Lumber Co., Ltd.

## Douglas Fir

## Western Hemlock

The combined resources of our Six Mills enable us to give prompt shipment of straight cars, Shed Stock, Mixed Cars, Uppers and Commons, Straight Cars Dimension, Timbers.

# Associated Mills Limited

Vancouver, B. C.

Eastern Representative: J. T. Todd

1305 Bank of Hamilton Bldg., Toronto, Ont.



## Hardwoods Wanted

We are in the market for  
Birch, Maple and Basswood  
for immediate shipment.

**The Kinnon Lumber Company Ltd.**  
454 King Street, West - TORONTO

## JAMES C. McCUAIG & CO.

We have to offer the following:

200,000 ft. 1 x 4 and up, 6 to 16 ft. White Pine "O" Culls.  
100,000 ft. 2 x 4 and up, 6 to 16 ft. White Pine "O" Culls.  
30,000 ft. 3 x 6 and up, 6 to 16 in. wide, 16 to 18 ft. long,  
Hemlock.  
35,000 ft. 1 inch "O" cull Hemlock.  
100,000 ft. 2 inch "O" cull Hemlock.

The above is all dry and ready for immediate shipment.

410 Union Bank Building  
**OTTAWA** **ONTARIO**

CABLE ADDRESS:  
"LUMBEROLL"

Codes:  
A B C 5th EDITION  
ZEBRA CODE 3rd EDITION

*The*  
**Rolland**  
**Lumber Co.**  
LIMITED

WHITE PINE AND SPRUCE

Export and Domestic

62 St. James St. Montreal, Canada

**FRASER BRYSON**  
**LUMBER CO., Limited**

Office : Fraser Building,  
53 Queen Street - OTTAWA, Can.

*Wholesale Lumber Dealers  
and Selling Agents for*

**FRASER & CO.**  
Manufacturers

**White Pine, Red Pine,  
Spruce, Hardwood  
Lumber and Lath**

**R. Imrie Lumber Company**

18 Toronto Street, Toronto

Phone Adelaide 580

We offer for quick shipment:—

26,000 ft. 1 x 4 & wider Mill Run Red  
Pine—1922 Sawing.  
23,000 ft. 1 x 4 & 5 Mill Run Red Pine  
—1922 Sawing.  
40,000 ft. 2 x 6—10/16 Mill Run Red Pine  
—1922 Sawing.  
40,000 ft. 2 x 4 & wider Mill Run White  
Pine—1922 Sawing.

PRICES ON COAST AND MOUNTAIN STOCKS ON REQUEST

**Gregertsen Brothers Co.**

McCormick Building  
**Chicago, Ill.**

Yards and Planing Mill at Cairo, Ill. where we  
carry four million feet of high grade Cypress for  
quick shipment.

*We are the Cypress Specialists*



# Factory Trade

Are your Factory Stocks running low?

I have some handsome lines in the following

## Sash and Door Stock

5, 6, and 8/4 4 and up 6/11 White Pine

5, 6, and 8/4 4 / 7 12/16 " "

5, 6, and 8/4 7 and up 12/16 " "

*Send us your inquiries.*

For personal service, close prices, and prompt shipment,

WRITE

# J. C. BARTRAM

JACKSON BLDG.,

OTTAWA



If you are in the market for choice, dry band sawn Hemlock, let us quote you price on the following stock:

2 cars 2 x 4—10/16' Merchantable Hemlock.

1 " 2 x 6— " " "

1/2 " 2 x 8— " " "

1 " 1 x 6— " " "

3 " 1 x 8— " " "

9 " 1 x 10— " " "

Odd and even lengths, sawn early summer 1922.

## LINTON LUMBER COMPANY

306 Kent Building

Toronto

Phone: Adelaide 3607

resident:  
Sir William Price

Established  
1882

Vice-Pres. and Gen'l Manager  
Alfred S. Gravel

# SPRUCE

and

# Hardwood

If its good Quebec Spruce you want we have it ready for prompt shipment.

Mail us your inquiries.

We also specialize in Hardwood Flooring.

## The Gravel Lumber Co., Ltd.

MANUFACTURERS and WHOLESALERS

Mills and Head Office

Etchemin Bridge,  
Quebec

Selling Office:

Room 501 Drummond Bldg.,  
Montreal

# GOOD PINE

## DRY

18,000' 1 x 4/up 6 to 9 Good White Pine Shorts.

40,000' 1 x 4 to 6 10/16 " " " Strips.

30,000' 1 x 7/up " " " Sides.

4,000' 5/4 x 4 to 6 " " " Strips.

3,500' 5/4 x 7/up " " " Sides.

30,000' 6/4 x 6/up " " " Sides.

65,000' 8/4 x 6/up " " " Sides.

25,000' 1 x 6/up " No. 3 Cuts & Better.

Write for quotations.

## The Long Lumber Company

TORONTO OFFICE: - - - HEAD OFFICE:  
25 Toronto Street - - - Hamilton, Ont.



# Long-Bell Hardwoods are identified



Logs from our own virgin forests. Each log selected and cut for the purpose for which it is best adapted.

Class of timber producing excellent widths and lengths.

Manufactured in our own Hardwood Mills, equipped with modern band machinery.

Manufacture supervised by experienced hardwood men.

Thoroughness given every detail of manufacture.

Particular care given to uniformity of thickness—carefully edged, equalized and trimmed.

End-buttet with mitre toothed saws.

Carefully sorted at chains.

Drying yard arranged to give thorough circulation to stocks in pile.

Every detail in sticking and drying carefully observed to insure best results.

Experienced inspectors grade lumber for shipment.

Double check inspection at cars in loading to insure uniform grades.

Same care exercised in loading in cars as in manufacture.

Long-Bell Hardwoods are easily identified by the Long-Bell trademark on the end of every piece.

**The Long-Bell Lumber Company**  
R. A. LONG BUILDING Lumbermen since 1875 KANSAS CITY, MO.



Ask us about  
**HEMLOCK**  
**YELLOW PINE & CYPRESS**  
**ALSO SOUTHERN HARDWOODS**

*MILLS:—STURGIS AND LAKE, MISS.*

**FRANK H. HARRIS LUMBER CO., LTD.**  
 EXCELSIOR LIFE BLDG. TORONTO, ONT.




**LUMBER**

**LATH**

**MUIR & KIRKPATRICK**  
 1315-20 Bank of Hamilton Bldg.  
 TORONTO, CANADA  
 MANUFACTURERS AND WHOLESALERS

**LATH**




**LUMBER**

# Thurston-Flavelle, Limited

MANUFACTURERS OF

**British Columbia Red Cedar Exclusively**  
**Cedar Bevel Siding, Finish, V-Joint and Mouldings**

*Our Shingles are all Packed by the "Thousand"*

Straight or mixed cars with XXX and XXXXX Shingles.

Stocks carried at Lindsay, Ont., for quick shipment

Ontario Agents:

Full particulars from our Eastern Agents.

Gull River Lumber Co., Ltd., Lindsay, Ont.  
 Quebec and Maritime Provinces Agents:  
 Rose-McLaurin Limited, 2 Toronto St., Toronto.

**Head Office and Mills, Port Moody, B. C.**



# International Land & Lumber Company Limited LUMBER AND RAILWAY TIES

Limits and Mills: ST. FELICIEN, LAKE ST. JOHN DISTRICT, QUEBEC

We offer for shipment 1st., of May, Merch. Spruce, winter-sawn. Wallace, Ont. Central Ontario Railway line.

30 M ft. 1 x 4 to 6—8/16	67 M ft. 2 x 4—8/16
22 M ft. 1 x 4—8/16	87 M ft. 2 x 6—8/16
10 M ft. 1 x 5—8/16	52 M ft. 2 x 8—8/16
5 M ft. 1 x 6—8/16	22 M ft. 2 x 10—8/16
20 M ft. 1 x 7 & W—8/16	10 M ft. 2 x 12—8/16
40 M ft. 1 x 4 & up cull spruce	8 M ft. 4 x 4—8/16

500 M ft. Dry Jack Pine Flooring siding and sheeting.

Excellent milling facilities at point of shipment.

## ARTHUR N. DUDLEY

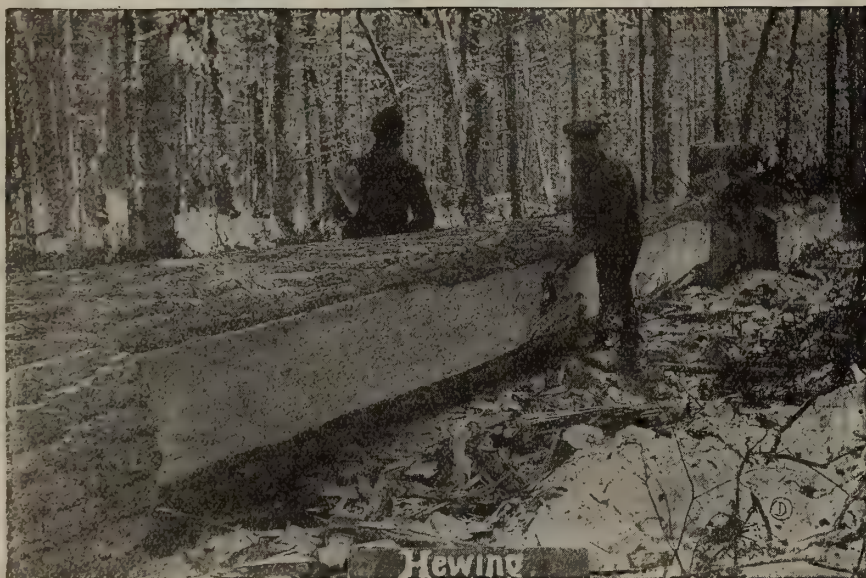
Manufacturer and Wholesaler

108-109 Stair Building,

TORONTO, ONT.

TELEPHONE MAIN 6068

# ONTARIO Canada's Banner Province



Ontario's timber production last year valued at \$26,774,937 or 40% of Canada's total output.

Pine production, 905,442,000 ft. B.M

Pulpwood, 246,282 cords.

Railway Ties, 5,704,459.

Ontario's woodworking industries, using 34 different kinds of wood, provide a ready market for the lumberman. Eighty-two per cent. of lumber used in Ontario's industries purchased within the Province.

Ontario's vast resources offer unsurpassed opportunities to the lumberman.

For maps and full information regarding Ontario, apply to

**HON. BENIAH BOWMAN,**

*Minister of Lands and Forests*

# Dry Hemlock, Spruce and Pine

*In All Dimensions*

1920-1921-1922 cut

Ontario and Quebec stock

**TIES AND PILINGS**

Also PINE, SPRUCE and HEMLOCK LATH

*All for immediate shipment*

WANTED

5 million feet Hemlock, Spruce and Pine Lumber. Also 5 million Hemlock, Spruce and Pine Lath

## Big Bear Lumber Company

Telephones Main 651-1218-1219.

Suite 208 Excelsior Life Building, Toronto, Ont.



# Anderson, Shreiner & Mawson

ALL KINDS OF HARDWOOD AND SOFTWOOD  
LUMBER

*Specialties*  
BIRCH AND MAPLE  
All Thicknesses

MILLS AT  
KING LAKE and EAGLE LAKE, ONT.

ROOM 411, COLONIAL BLDG.  
13 KING ST. WEST, TORONTO

Write or Wire Us, or Phone Adelaide 8085

*Canadian Tie and Lumber Co.*

LIMITED

511 Temple Building,  
Toronto, - Ontario

Phone Main 1151.

Cutting Capacity 300,000 Ft. per Day

## J. J. McFADDEN LIMITED

Red & White Pine **LUMBER** In Any Quantities

The above is supplied by us in all standard grades and dimensions. All lumber is of guaranteed quality and grade as ordered.. Our location and facilities enable us to give our patrons the utmost in service and prompt shipments.

Mills at: - SPRAGGE, ONT. & BLIND RIVER, ONT.





*General view of our mills at Bathurst*

# GLOUCESTER

***“with a reputation for  
quality and service”***

Let us have your enquiries for Spruce,  
Pine, and Hardwood Lumber, Lath,  
Shingles, Railway Ties, etc.

We are headquarters in the east for  
Sawn Lumber.

## Gloucester Lumber & Trading Co.

Head Office: Bathurst, N. B.

Mills at Bathurst, N.B. and Burnsville, N.B.



# WHITE PINE

All

Grades and Sizes

30

Million Feet

In Stock

For Immediate Shipment

Stocks at  
Pakesley  
and  
Victoria Harbour

*Write for Quotations*

**SCHROEDER  
MILLS AND TIMBER CO.**

Frank J. Archibald, Sales Representative  
Room 305 Stair Bldg. 123 Bay St., Toronto, Ont.

ESTABLISHED 1893

INCORPORATED 1916

**ROBERT BURY  
& COMPANY**  
(CANADA), LIMITED  
1 Spadina Avenue, Toronto

Our Dry Kilns have a capacity for drying 200,000 feet per month. We will dry your transit cars.

**All Canadian and American  
Hardwoods  
MAHOGANY  
WALNUT  
VENEERS AND PANELS**  
of every description

## *THIS WEEK'S SPECIALS*

Car 1", 1½" & 2" FAS Cypress.

" 1½" x 10" & up FAS Red Oak.

" 1½" x 10" & up FAS White Oak.

250,000 Mahogany, all thicknesses in Honduras, African and Cuban.

## VENEERS

MAHOGANY, OAK, WALNUT, GUM,  
BIRCH, BASSWOOD, ASH, MAPLE, and ELM  
Log run or cut to dimension

## PANELS

BIRCH, BASSWOOD, ASH, MAPLE, ELM, FIR,  
MAHOGANY, WALNUT, OAK and COTTONWOOD

**We Specialize in Mixed Ship-  
ments of Dry Hardwoods,  
Veneers and Panels**

*This is a good time to conserve your capital by making purchases in this manner*



# Mason, Gordon & Co., Limited

80 St. Francois Xavier St.

(Wholesale Only)

Montreal, Que.

**British Columbia Products**  
**White Pine and Quebec Spruce, Fir Doors**

(Carload Lots)

Vancouver Office:

Pacific Building

Hubert C. Gordon

Representative

Exclusive Representatives

Quebec and Maritime Provinces

B.C. Mills, Timber & Trading Co.

Vancouver, B. C.



**WE** conduct an extensive trade in Spruce Lath Cedar Ties and New Brunswick Cedar Shingles to the South American and British markets. Docking facilities are unexcelled.

Correspondence invited

## CHALEURS BAY MILLS

Main Office and Mills at  
 Restigouche, Que.

Cable Address: Chalbay, Portland, & Restigouche, Que.

Portland Office  
 31½ Exchange St.

# Dry 1x6 Merchantable Hemlock

## W. C. EDWARDS & Co., Limited

OTTAWA



CANADA



## Story Lumber Co., Ltd.

### Wholesale Lumber Dealers

Pine Spruce Hemlock Hardwood

Head Office: 701-703 Hope Chambers,  
Ottawa, Canada

Branch Office: 30 St. John Street, Montreal, Que.

Cable Address  
'BENLUMCO'

Codes used  
ABC 5th Western Union  
Universal

## Bennett Lumber Co., Limited

### Manufacturers and Exporters

Spruce, Pine and Hardwood  
Lumber

American Hardwoods & Mahogany

11 St. Sacramento St. MONTREAL, P.Q.

## Sidney Mills Ltd.

SIDNEY, BRITISH COLUMBIA

Manufacturers of Fir, Hemlock, Cedar  
and Spruce Lumber.

Rail and Cargo Shipments.

Selling Agents:

### McElroy Lumber Co., Limited

(G. H. Walton J. Lightbody D. A. Matthew)

Exporters and Shippers  
of

Mixed and Straight Cars of  
all B. C. Forest Products

VICTORIA, B.C.

Ontario Representative:

J. L. NEVISON  
7 Adelaide St. W., Toronto, Ont.  
Phone Adel. 7718



TRADE MARK



View of our recently rebuilt modern planing mill.

## BUY B.C. FIR and HEMLOCK

We solicit correspondence and inquiries from

### THE EASTERN CANADIAN TRADE

For fir yard stock, B. C. or Hemlock Shiplap and  
Boards, timbers any size and length up to 90 feet.

We also specialize in mixed cars of high-grade fir  
uppers and mouldings and are also manufacturers  
of fir doors.

Robertson & Hackett Sawmills, Ltd.

Established 1888

Mills and Office: FALSE CREEK, VANCOUVER, B.C.

Made  
in  
Canada



POSITIVELY  
NO FLIES OR MOSQUITOES  
when using

## "FLY TERROR"

the only fly repellent on the market used with satisfaction  
by all lumbermen and bushmen.

The largest lumbering concerns are providing their men  
with "Fly-Terror" during the drive and they all agree to  
say that it is a "money saver."

Special prices for large quantities—Send your order in  
advance for spring delivery.

The Fly Terror Manufacturing Regd.  
7 Notre Dame Square, QUEBEC, P.Q.



## Excelsior Cutting Machinery

Manufactured By

The Elmira Machinery  
and Transmission Co.

Elmira, Ont.

Write for Circular and Prices





# MIXED CARS

We operate our own remanufacturing plant which enables us to offer a *Better Service* on your orders for *British Columbia Lumber* and *Red Cedar Shingles*.

*Underhill*  
LUMBER CO. LTD.

Fir Flooring	Hemlock Bevel
Fir Ceiling	Siding and Finish
Rough Clear Fir (Kiln Dried)	Red Cedar
Casing and Base Finish S. 4 S.	Bevel Siding and Shingles.

Vancouver, B. C.



## Service on Your Lumber Requirements for Spring

We invite you to call on us for quotations on your requirements and can assure you that your inquiries and orders will receive our prompt and careful attention. You will find us both willing and able to satisfactorily serve you.

We are in a position to supply you with stock, the quality of which will highly please both you and your trade.

# APEX LUMBER COMPANY, LTD.

Ontario Representative: J. D. Robinson, Room 5 Imperial Block,  
Walkerville, Ont.

Vancouver, B.C.



# BUY BRITISH COLUMBIA Red Cedar Shingles



The life of a British Columbia Red Cedar Shingle Roof can almost be gauged by the life of the nail with which the shingle is nailed in place. Judging from available data, the average life of the ordinary steel wire nail, which has been in such common use, is only from seven to twelve years. Some wire nails will last longer, depending upon the condition of exposure, climate and similar features, but considering our climate as a whole, at the end of from seven to twelve years a large percentage of wire nails will have rusted either completely through or so extensively that the first strong wind will complete the work. The shingles that have been held in position by such nails are then free to work down, permitting rains or melting snows to leak through and damage the interior of the structure. Examination will disclose that the fibre of the shingle itself is still in perfect condition, and a leaky roof, in the majority of occasions is due entirely to the use of faulty nails, but the average home owner, placed at such inconvenience, will not stop to reason this out and the poor wooden shingle comes in for more unjust abuse.

There are several kinds of nails which experience has proven will give lasting satisfaction, and the wise dealer will advise his customers of these satisfactory nails. A pure zinc shingle nail meets all the demands of durability required. Its principal drawback is its high cost and a slight tendency to bend under careless driving. Galvanized wire nails theoretically are rust proof, and if the galvanized coating is properly applied, and of sufficient thickness, such a nail will last as long as the shingle it holds in place. The life of this shingle roof, properly applied with these nails then is from 40 to 50 years. Pure iron nails, or the old cut or wrought nails are ideal but difficult to secure. Copper nails also constitute a perfect shingle nail.



**Timms Phillips & Co., Ltd.**  
Yorkshire Bldg., Vancouver  
Manufacturers and Wholesalers  
**Red Cedar Shingles**  
3x-5x- Perfections, Royals, Imperials  
**Red Cedar Bevel Siding**

**Vancouver Lumber Co., Ltd.**  
Manufacturers  
**XXX-XXXXX CEDAR SHINGLES**  
(B. C. Inspected)  
Head Office, Vancouver, B.C. Eastern Sales Office, Toronto, Ont.

**Westminster Mill Co.**  
LIMITED  
New Westminster, B.C.  
**Red Cedar Shingles**  
**Cedar Bevel Siding**

**Dominion Timber Products Ltd.**  
Vancouver Block  
Vancouver  
Largest Manufacturers of  
**Perfection Shingles**  
in Canada

**Underhill Lumber Co., Ltd.**  
Dominion Bldg., Vancouver  
**RED CEDAR SHINGLES**  
3x-5x- Perfection and Eureka  
**CEDAR BEVEL SIDING**  
**CEDAR BUNGALOW SIDING**

**Shull Lumber & Shingle Co. Limited**  
New Westminster B. C.  
Trade Mark  
**RED BAND SHINGLES**  
XXX XXXXX Stars Clears  
From Mill to You

If you want a market  
for B. C. Red Cedar  
Shingles put an advertisement on this page.

**Northern Pacific Logging Co. Ltd.**  
Port Moody, B.C.  
Manufacturers of  
**High Grade  
Red Cedar Shingles**



Herbert F. Hunter, Vice President  
**THE HUNTER LUMBER CO.**  
 INCORPORATED  
 New Britain, Conn.  
**WHOLESALE LUMBER**

**WANTED**

3/8" x 1 1/2" x 4' Spruce Laths No. 1 also No. 2.  
 3/8" x 1 5/8" x 4' Spruce Laths No. 1 also No. 2.  
 1" Matched Spruce Boards.  
 2" x 3" to 2" x 12" Spruce Random Lengths.  
 3" x 4" to 3" x 12" Spruce Random Lengths.  
 4" x 4" to 4" x 12" Spruce Random Lengths.

**P. Beauchemin & Fils**  
 Amos - - - Quebec

We offer the 1923 summer cut as follows:

About 5,000,000' fifth and better, Spruce and Jack Pine.

2,000,000 Merchantable Spruce Lath.

About 150,000, 2" White Pine C. Cull 1921 cut.

75,000 1" Merchantable W. Pine, 1921 cut.

Will furnish on demand quotations for MILLING Lumber in TRANSIT.



**Keep on Trying**

If you can't get either of our Phones, let us know and we'll put in another one.

**R. G. CHESBRO**

Bank of Hamilton Bldg. - Toronto

**Canfield-Wilmot**

LIMITED

Wholesale Lumber

Woodstock - Ontario

**B. C. FOREST PRODUCTS**

ALWAYS IN TRANSIT

**MILLING IN TRANSIT**

We make general Milling Lumber in Transit.

**SPECIALTIES:**

Resawing or splitting in the rough. Extensive yard at your service for piling and sorting your lumber, for reshipment of straight and mixed cars, rough or dressed.

We have obtained railways' special rates on lumber in transit to be stopped off for dressing or sorting at our mills.

**THE SAVOIE-GUAY COMPANY**

Plessisville Station, P.Q.

Engineers, Constructors, Founders, Machinists. Water wheels, Steam and Gasoline Engines. General Saw Mills and Woodworking Machinery. A specialty of working from specifications.

Also Savoie & Co. of Manseau



**Mackinaw**

Bearing this "Rooster" stands for  
 All Wool — Correctly Tailored — Generous Sizes

Over 30 Years Manufacturing for Lumbermen

COATS — PANTS — RIDING BREECHES — JUMPERS  
 SHIRTS — OVERALLS, etc. etc.

White Coats and Aprons for Cooks.

ROBERT C. WILKINS CO., LTD. Farnham, Que.

523 New Birks Bldg., Montreal



# Mr. McLean and The Bathurst Company—

## We Welcome You

In the Canadian lumber industry there are a few names that stand out with considerable prominence.

Among them is that of Angus McLean, head of The Bathurst Company, of Bathurst, N.B. Mr. McLean has for many years been identified with the industry in the Maritimes and has always been one of the leaders in every movement to elevate the standards and promote the interests of one of Canada's greatest industries.

This year he is rendering further service by having accepted the presidency of the Canadian Lumbermen's Association.

The Bathurst Company has in recent years sold the bulk of its product in either the British or the United States market, its Canadian business being a very small percentage of the total volume.

This important company commenced with the March 15 issue of "CANADA LUMBERMAN" a contract for the use of full page space, and, in sending this contract Mr. McLean gave two of his reasons for the decision to have The Bathurst

No doubt there are other lumber firms the heads of which feel the same as Mr. McLean.

We will gladly welcome such firms to the advertising pages of "CANADA LUMBERMAN". They will find us ready to give co-operation in full measure. It is on this basis that "CANADA LUMBERMAN" has won the respect of the biggest and best in the industry.



**BATHURST**

**Lumber**  
**Cedar Shingles    Kraft Pulp**  
**EASY BLEACHING SULPHITE PULP**  
**SPRUCE AND WHITE PINE**

**The Bathurst Company Ltd.**  
BATHURST, N. B., CANADA

**BATHURST**

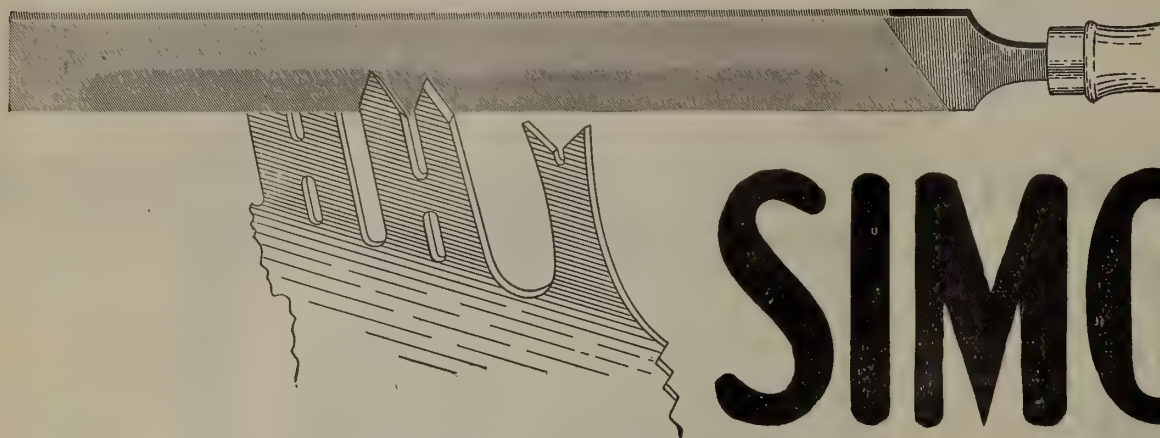
Company's advertising appear regularly in this paper.

He said:-

"We feel that your journal is worthy of the support of the lumbermen", and referring to some information we had given as to the steadily increasing circulation of Canada Lumberman in the U.S. and Great Britain, he added:-

"We are glad to get your letter advising that you are getting a better circulation for your magazine in the United States, and that you now reach a large number of buyers there. This is all very interesting information, and it certainly will be good for the Canadian lumbermen if their advertisements go prominently before the American buyers, as that is where most of the lumber, at least from the Maritime Provinces, has now to find a market."





# SIMONDS

## CROSS-CUT SAW FILES

When you use this special saw file you will find the satisfaction and economy for which you have sought. The Simonds Cross-Cut Saw File will give you 16 per cent more wear on cross-cut saw work than can be obtained by using regular tapered mill files.

It is also most efficient for sharpening Circular Saws.

You can get this file in 6, 7, 8 and 10 inch lengths.

Order from our nearest branch or secure them from your Hardware or Supply Dealer.

**Simonds Canada Saw Co., Limited**

*"The Saw Makers"*

Montreal, Que.

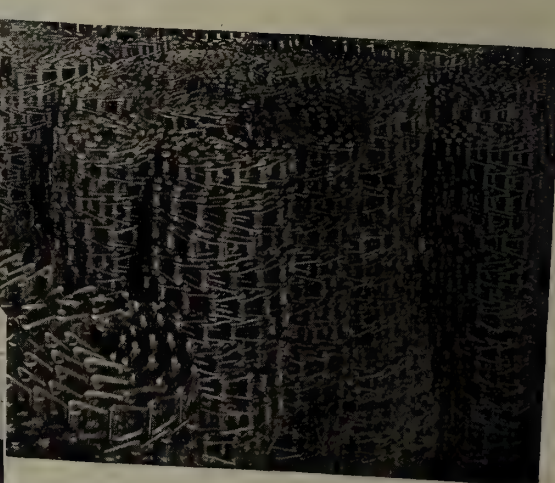
St. John, N.B.

Vancouver, B.C.



Above: Every strand of Link-Belt Chain is tested under load before shipping.

Insert: The Link-Belt Laboratory. Years of research and experiments have enabled us to reach and maintain the high Link-Belt standards.



Showing stock of chain at one of our warehouses.

### HERE'S WHY YOU SHOULD USE LINK-BELT CHAINS

EVERY strand of Link-Belt chain is not only made from the best materials, but is inspected and tested under load for strength, and uniformity of pitch.

Uniform high-tensile malleable iron castings—hard smooth pins—hard smooth cored holes for pins—generous wearing shoes for dragging—uniformity of pitch,

giving good sprocket action. These are reasons why Link-Belt Chains wear longest.

Measure values in length of service, and you will find that Link-Belt Chains are cheapest in the long run.

This >—< mark identifies genuine Link-Belt Chain.

CANADIAN LINK-BELT COMPANY, LTD.

TORONTO—WELLINGTON AND PETER STREETS

MONTREAL—10 GAUVIN LANE

# LINK-BELT



## Activity in Mining Industry Creates Increased Demand for Timber

By Cecil Cave, Cobalt, Ont.

The average person who thinks of mining does not associate it to any great extent with the lumber industry. Nevertheless expansion in this vital basic industry creates a demand for certain classes of lumber which will have a more or less important bearing on the market. This is particularly true of Ontario markets, in which province gold and silver mining development is proceeding at a rate which is expected by influential mining men to in time bring the province to the fore as the greatest gold producing area in the world.

As soon as shaft sinking commences, it becomes necessary to start timbering the workings which range from 7 x 11 feet to three times this size, with as many separate compartments. The material used in this work is generally 6" x 6" pine, spruce or hemlock, while the sheeting used consists of two to four inch lumber. Casings are made as the shaft is lowered. These are put together by the use of long rods at head and bottom as well as sides of the squares. In some cases these timbers are made as big as 12" x 12" on end and are from 6 to 8 feet long.

When lateral work is commenced in a mine a large station is cut at the point from which this work is to be done. The heavy rock and overburden is held in place by massive timbering, while as the work progresses tracks are laid on wooden sleepers along the drifts. Where the ore is found in large volume it becomes necessary to conduct stoping operations. This work results in the making of huge excavations and wherever there is any danger of rock caving in heavy timbering is resorted to. At the same time lagging, which consists of poles from 12 to 16 feet long with 6 to 8 inch ends are used for the construction of chutes and flooring down which the ore travels on its way to the openings along the drifts, where it enters the cars to be hoisted to the milling plants on surface. All kinds of material is used in this work, and most of it is used in the roughest state, even the bark being left on, as is also the case with props and stulls in underground work.

Often large crushing machines are installed underground and pumping apparatus required is generally erected on staging requiring the use of considerable heavy timber.

The surface equipment of a mining plant includes the heavy headframe, which must be of particularly solid construction, owing to the heavy strain of hoisting from underground. Tramways are then constructed from the headframe to the milling plant. In this work lumber in sizes from 4" x 4" up to 8" x 8" are used. The ore is then trammed to the mill which is generally a massive structure enclosing heavy bins, usually made of British Columbia fir and pine

and of very solid construction 8" x 8" and 12" x 12" studding and corner posts being used.

Owing to the excessively heavy machinery required for grinding ore, as well as the water and acids used, very heavy timbering is necessary in the construction of battery boxes for stamps, tanks for cyanide solutions and troughs for the conveyance of solutions and ore from one part of the mill to another. Dressed British Columbia pine is usually employed in the building of these tanks and solution boxes.

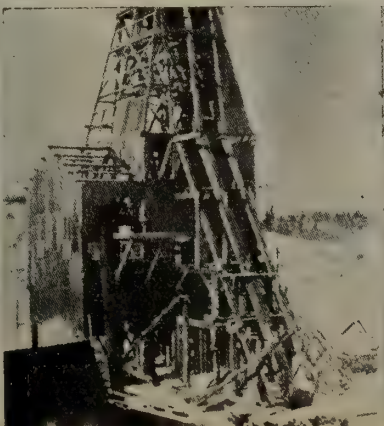
An idea of the large amount of timber and lumber used in mining is gained from a perusal of the annual report of the Hollinger Consolidated Gold Mines for the year 1922, wherein it is shown that timbering for shafts required \$22,308.21 worth of lumber; timbering of stopes and raises, \$123,231.02; retimbering, \$11,662.24. In addition to this there is the timber used for construction on surface equipment, which would probably bring the total to close to \$250,000.00 for the year. Enlargement of mining and milling operations this year will result in a considerable increase in the amount of material required.

A large amount of the lagging and rough lumber used by the mining companies of Northern Ontario, comes from the timber districts close at hand, including stulls, pit props and lagging, as well as a considerable amount of the sheeting for mill construction. For the finer uses in the plant, however, British Columbia fir has come into general favor, and at the present time is almost exclusively used in the making of tanks, bins, etc.

With large additions planned for the big producing mines and numerous other properties throughout the district, rapidly developing to the stage where milling facilities are required, an ever expanding market for lumber products of all kinds is to be found in the mining districts of Northern Ontario, where the available supply of home grown timber is to a large extent limited.

There is also a large amount of wire-wound cedar piping used for the conveyance of sands and solutions at and from the concentrating and cyaniding plants throughout the district, which is also a product of the Province of British Columbia, which has found general favor throughout the mining districts.

The main centres of distribution for the Northern Ontario gold and silver mining districts is found at Cobalt, Kirkland Lake, South Porcupine and Timmins, while other less prominent camps which are forging ahead as consumers of these products are Matachewan, Larder Lake, Gowganda and South Lorrain.



On the left is seen Cyanide Solution Tank of B.C. Fir and next is the head frame construction in a mining property at Porcupine, while on the right is shown a mass of timber props used in Northern Ontario mine.



# Discuss Trade Ethics and Cost Estimating

*Southwestern Ontario Retail Lumber Dealers Will Offer Prize for Best-Kept Yard and Factory.—Committee Appointed to Draw up Conditions Which Will Govern Contest—New Officers Elected for Coming Year—Necessity of Watching Overhead Expenditures More Thoroughly—How Retailers Differ in Their Estimates on Certain Standard Jobs in Woodworking Lines.*



George N. Kernohan, London,  
Newly Elected President

parent body of its kind in the province, and out of it grew the whole expending spirit of organization which resulted later in the formation of the O.R.L.D.A. and the various district bodies in different parts of Ontario. However, this is another story that has been presented in detail in the "Canada Lumberman" on previous occasions. Among the prime movers of those early days were Charles Hubbell, of Thamesville, B. F. Clarke and Allen McPherson, of Glencoe, and some of the Chatham yardmen. They started a movement in 1912 in the shape of a little local Association, the impetus and influence of which has widened and deepened until the status and the prestige of the retail lumber trade has been raised and strengthened throughout the whole province.

E. C. Russell, of Walkerville, presided at the gathering and the gathering and the first business was the election of officers. The new men who will direct the energies and destinies of the Association during 1923 are,—

President, George N. Kernohan, London.

Vice-president, J. L. Naylor, Essex.

Secretary-treasurer, B. F. Clarke, Glencoe, (re-elected).

Directors,—L. H. Martyn, London; W. J. Taylor, Ridgetown; P. G. Piggott, Chatham; Chas. Hubbell, Thamesville; S. H. Herath, Ojibway; H. S. Ludlam, Leamington; John McGibbon, Sarnia; E. K. Kalbfleisch, Stratford.

The Nominating Committee was composed of E. C. Russell, A. R. Sanders and J. C. Scofield, and their report was unanimously adopted. Several new members were introduced and given the hand of fellowship. These included Ezra Fahner, Port Stanley; T. A. Clatworthy, London; L. H. Martyn, London; R. H. Smith, London, and B. C. Turville, St. Thomas. It was reported that the association was growing steadily and the outlook for the coming season was very bright.

## Insurance Risks and Safety Work

During the morning proceedings, E. C. Russell retired from the position of chairman and thanked the members for the warm support accorded him during his term of office. He introduced his successor, Mr. Kernohan, who was received with a hearty applause. The new presiding officer said that the organization had accomplished a great deal in the past, and he believed that greater things could be carried out in the future. He would do his utmost to advance the interests of the association and he hoped that he would have the co-operation of all those present.

The matter of fire protection in planing mills and retail yards, a reduction of the number of accidents in mills and the advisability of keeping neat, attractive premises was discussed at considerable length. A committee was appointed under the direction of J. C.

Scofield, to draw up conditions which will govern a contest for which an appropriate award will be offered. It was felt that a healthy rivalry among the members in the lines indicated, would prove of benefit to the industry in general and cause the retail lumbermen to take a greater pride in their plants and yards. The discussion was taken part in by J. C. Scofield, W. T. Piggott, B. F. Clarke, George H. Belton, Charles Hubbell and others, all of whom endorsed the idea.

One member stated that the fire inspectors came round quite frequently to his plant and if boards were piled too near the steam pipes or the water barrels were not full and other precautions taken, attention was called to the matter. The inspector kept him and his establishment "jacked up," and it was a good thing. Another member stated that he thought some of the doctors who attended to small injuries to workmen, such as a cut finger, etc., sometimes took advantage of the Workmen's Compensation Board and charged altogether too much for medical attention. He was advised to report such a physician to the Board and an investigation would, no doubt result. The discussion became general on safety, insurance safeguards, clean yards and well-kept premises.

The matter of insuring trucks against public liability and claims for damages in case of accidents was brought up by Walter T. Piggott who referred to the attitude of some "go-betweens" who sought, on behalf of those who might be injured, to settle with some lumber companies and then "divvy up" the amount with their client. He declared that such an attempt had been made to extort enormous damage from him, and he had fought the case to a finish. His truck had been driven by a man who had injured three people and settlement was effected by the courts at much less than the "adjuster" had held out for. Mr. Piggott pointed out that, for a few dollars extra, lumber dealers owning trucks could secure double liability which, he believed, was a wise move. He asserted that if any man, in the employ of a retail lumber merchant, driving a truck or a team ran into and injured or killed anybody, the man himself was not held responsible for damages but liability fell upon the owner of the truck. In spite of all that could be done there would always be careless employees and he thought, in view of the frequency of accidents, that double liability was a measure of protection well worth considering.

## Lively Discussion on Trade Ethics

Adjournment was then made for lunch which was served at Wong's and the repast was thoroughly enjoyed, the London dealers acting as hosts.

In the afternoon the discussion was general regarding trade customs, and it was pointed out that a new business had been opened in Windsor in which several manufacturing firms are reported to be interested. The new concern is called the National Door & Hardwood Flooring Co., and its place of business is on McDougall Ave., in the premises formerly occupied by the Essex Provision Co. Edward Allen is the manager of the organization. It was asserted that this firm was selling to contractors and others in carloads as well as less than carload lots. The general trend of the debate was that the Association was opposed to any wholesale or manufacturing firm selling to contractors or others who are not legitimate dealers as set forth last January in the pronouncement adopted at the Ontario Retail Lumber Dealers' Convention in Windsor.

At that time it was decided that the following constitute a legitimate retail lumber dealer:—"Any person, firm or corporation carrying an assorted stock of lumber, lath, shingles and interior trim reasonably commensurate with the needs of the community in which they do business. The Association puts itself on record as considering the following legitimate customers for retail lumber dealers only,—contractors, consumers and manufacturers using one or two carloads per year."

It was agreed that the secretary be instructed to send a copy of this resolution to all wholesalers and manufacturers. It was decided that this definition covered the ground adequately, and whole-



*Executive of Southwestern Ontario Retail Lumber Dealers' Association*

J. L. Naylor, Essex,  
Vice-President



B. F. Clarke, Glencoe,  
Secy-Treasurer



E. C. Russell, Walkerville,  
Retiring President



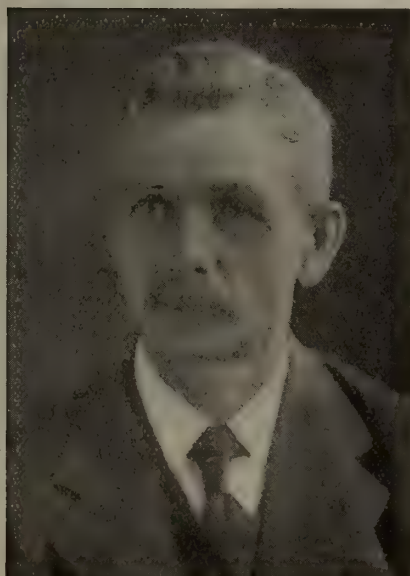
W. J. Taylor, Ridgetown,  
Director



P. G. Pigott, Chatham,  
Director



S. Herath, Ojibway,  
Director



Chas. Hubbell, Thamesville,  
Director



H. S. Ludlam, Leamington,  
Director



John McGibbon, Sarnia  
Director



sale firms which are selling to contractors or farmers, will be notified that they are engaging in an unfair practice and not living up to the tenets of legitimate trade.

### Selling to Consumers in Other Towns

Another question, which arose was whether it was justifiable or good ethics for a retail lumber dealer in one town to sell a customer of a retailer in another town or village. It was pointed out that there might be exceptional cases where a resident was a friend or patron of a certain dealer, would be carrying on building operations in a community some miles away, and naturally would prefer to get his stock from the dealer that he knew and have it delivered at the place where the contract is being carried on, rather than buy from a local dealer. Other exceptions might also arise whereby a customer had an alleged grievance or prejudice against the local man and take an Irishman's delight in being "agin him" and so went out of town to secure his material.

Some outside concerns who do a wholesale and retail lumber business, have in the past been selling customers of local dealers in their own town and this has caused some feeling in a few instances. It has been charged that the retail branch of the wholesale firm will nominally conduct such a transaction and give the customer the benefit of the wholesale price; otherwise it was contended the business could not be obtained from a consumer (with the freight added) against a local dealer's quotations. This matter was thrashed out for some time and it was felt that it was perfectly legitimate for a firm conducting a wholesale and retail business to sell a customer of a lumberman in another town, providing the firm making the sale showed by its invoice or order book that the prices quoted were retail and not wholesale. Everyone present agreed that this was a fair basis of outside negotiations and there the matter rests at the present time.

An invitation was received from the Seaman, Kent Company, manufacturers of hardwood flooring, Toronto, for the Association to hold its next meeting at West Lorne, Ont., and visit the plant of the company at that point. The matter was referred to the Executive and the invitation of Mr. Kent will likely be accepted at an early date.

### Some Wide Differences on Estimates

Planing mill operations and estimating came up for consideration. The secretary, B. F. Clarke, reported that he had asked for estimates from five firms located in different towns in South-Western Ontario, on certain doors, window frames, door frames, trim, etc., and there was quite a difference in quotations. The figures, which Mr. Clark obtained on an ordinary, stock door of white pine, 1 3/4 inches thick, and the prices for the frame or trim, which could be of white pine, Georgia pine or B. C. fir, are appended, Mr. Clarke explained that these quotations were secured from different sections of the district and were given for comparative purposes only.

Frames for brick veneer House, 6 1/2 in.

Jambs over blindstops, all 1 3/8 sash.

	Frame	Door	Sash	Trim
1 front door frame	6.50	12.00		1.25
2/10 x 6/10—1 3/4 Glass	4.50	10.00		1.50
"	5.75	11.00		1.75
"	5.50	12.00		1.50
"	6.60	14.00		1.40

1 Back Door

	Frame	Door	Sash	Trim
2/8 x 6/8—1 3/4 Glass	6.50	12.00		1.25
"	4.50	8.00		1.50
"	5.75	12.00		1.75
"	5.50	12.00		1.50
"	6.00	9.00		1.40

1 Plate Glass W. Frame

	Frame	Door	Sash	Trim
40 x 42 x 16 1 3/8	7.00		3.00	1.75
"	7.00		1.50	1.50
"	5.25		4.00	2.50
"	6.50		3.75	2.50
"	7.00		3.00	2.00

1 Window Frame 28 x 30

	Frame	Door	Sash	Trim
"	5.50		2.00	1.50
"	7.00 & Sash			1.25
"	4.75		2.25	2.25
"	5.50		2.00	2.00
"	5.50		1.90	1.60

1 Casement W. Frame

	Frame	Door	Sash	Trim
4 lights 28 x 18	5.00		1.50	1.50
"	4.50 & Sash			1.00
"	2.75		1.25	1.70
"	4.50		1.00	1.50
"	3.85		1.30	1.35

1 Triple W. Frame 24 x 28

	Frame	Door	Sash	Trim
"	16.50		6.00	4.50
"	21.00 & Sash			3.50
"	15.00		6.75	5.00
"	16.50		6.00	5.00
"	16.50		5.70	4.80

1 Double W. Frame 24 x 28

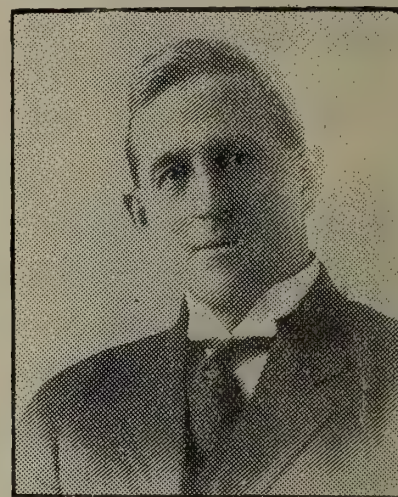
	Frame	Door	Sash	Trim
"	11.00		4.00	3.00
"	14.00 & Sash			2.50
"	10.00		4.50	3.50
"	11.00		3.80	3.20
"	11.00		4.00	3.00

1 Inside door frame 2/8 x 6/8—1 3/8	2.50	6.00	2.50
"	2.25	6.00	2.50
"	2.75	6.75	3.50
"	2.00	6.00	4.00
"	2.40	6.00	2.60
1 Arch frame & 2 French Doors			
2/8 x 6/8—1 3/8	3.00	20.00	3.00
"	2.00	25.00	3.00
"	3.00	24.00	5.00
"	1.50	22.00	3.50

### Should Watch Costs Carefully

George N. Kernohan pointed out the necessity of more careful watching of costs. Expenses of handling lumber were going up all the time and many firms did not make an accurate or generous enough allowance for their overhead. One thing was certain,—they all knew that lumber was costing them enough but were they getting a high enough price to cover all the expenses of unloading, piling, carrying and delivering, and at the same time making a fair profit and interest on their investment?

W. T. Piggott said that leaks should be zealously guarded. Overhead was climbing all the time and a planing mill represented a large investment. Several firms thought they could establish a mill and cut the prices and the speaker referred to one, which had started in with this idea in view and in five years had lost \$45,000.



L. H. Martyn, London  
Newly Elected Director

It was necessary to scrutinize every detail and know what each operation cost and how much was the overhead, the time taken, the value of the stock, the expense of operation and production, etc. If all these were not carefully estimated, a planing mill would, certainly, eat up all the profits that were made in the lumber selling end.

M. R. Bogart, B. F. Clarke, J. C. Scofield and others also spoke along similar lines, stating that for some time they had been in favor of forming an estimating class among the dealers in the South Western district. Several members had taken the course of the Millwork Cost Bureau of Chicago, with good results. The whole question of "costs" was a vital one in the success of any business, and all guesswork and cut-throats should be eliminated.

It was decided that, at future meetings, more attention would be paid to the subject of costs, and several members will be asked to give concrete instances and relate their experiences along this line.

### Annual Outing to Thousand Islands

H. Boulton, secretary of the Ontario Retail Lumber Dealers' Association, Toronto, spoke of the annual outing which will be held down the St. Lawrence and through the Thousand Islands, the Bay of Quinte district and Lake Ontario, from July 5th to 9th, on the steamer "Cape Trinity," which will carry 226 passengers. It is expected that this excursion will be largely patronized. The cost per member will be \$40, which will cover everything. Many points of interest will be visited and it is expected that calls will be made at Brockville, Kingston, Belleville, Picton, Rochester, Niagara and other points. The full details are now being arranged and will be announced in the near future.

Short addresses on various topics were given by L. H. Richards of Sarnia; J. C. Scofield, of Windsor; A. McPherson, of Glencoe; E. C. Russell, of Walkerville; G. B. Van Blaricom, Editor "Canada Lumberman," Toronto, and several newly elected members of the Association.

A hearty vote of thanks was moved to the London trade by P. G. Piggott, of Chatham, and E. O. Penwarden, of St. Thomas, for

(Continued on page 43)



# Several Changes Made In Mechanics' Lien Act

*New Measure Will Come into Force in September Next—Important Revisions Which Make Operation of Act More Effective—Judges Will Have Enlarged Powers*

There was passed by the Ontario Government during its recent session a new Mechanics' Lien Act which was introduced by the Attorney-General for Ontario, Hon. W. E. Raney. On September 1st next the new measure will become operative. It contains a number of important revisions and amendments which will be gratifying to the retail lumber dealers of Ontario, who have long contended that the old Act was an anachronism,—not to say a standing joke. It offered little or no protection to designing contractors, and many retail lumber dealers can tell of how heavy losses have been sustained under its operation or, rather, lack of operation.

Persistency in any good cause generally wins, and it is pleasing to note that success has crowned the efforts of the Ontario Retail Lumber Dealers' Association who, although buffeted at various times and sidetracked on other occasions, never lost faith in the efficacy or justness of their cause and believed that agitation would result in achieving the end in view. Under the new measure fraudulent practices are much more difficult to carry out and the powers of a judge are extended.

There is no need of recalling the hopes and fears that have characterized the work of the O.R.L.D.A. in the past three or four years. The principal point raised by the lumbermen was that the owner of a building under erection should be responsible for 100 per cent of the contract price in the matter of satisfying liens. The 100 per cent principle on the part of the owner was not accepted by the special committee of the Legislature of last year.

It is seldom that any individual or institution gets all that it goes after, and in this instance a larger measure of success was met with than usual, for the Act has been thoroughly revised and its leading features will only be summarized.

Under the new legislation wide power to use his discretion in seeing that all parties get just treatment is accorded the judge or officer trying the action; this notwithstanding the way in which the contracts may have been worded and the previously accepted principles of the Act.

A great deal is heard about precedent in these days but under the new law, it will not count for so much in the actions that may be tried in future. The judge will be able to exercise a bigger measure of common sense and not be so bound down by hard and fast limitations. Thus he will be able to render decision much more upon the real merits of the claims than could formerly be done.

It is pointed out that this is an important matter from two points of view, first in overcoming obstacles experienced under the old Act in cases where a ridiculously low contract price was agreed upon between the owner and the contractor, thus under the hold-back, reducing the liability of the owner; and second in overcoming difficulties in connection with an unreasonably high price mentioned in an agreement of sale under which the purchaser is to erect buildings upon the land sold. If the latter went back on his agreement, liens were filed and the lien claimants discovered, under the old Act, that the seller had a prior claim for the unpaid portion of the purchase price. As this figure was absurdly high, all the available money was eaten up and the claimants under liens got little or nothing.

## Responsibility of the Owner

Two sections of the new Act deal especially with the owners responsibility. Section 10 says,—“Save, as here and otherwise provided, the lien shall not attach so as to make the owner liable for a greater sum than the sum payable by the owner to the contractor.” This section was also in the old Act. Section 6, however, has considerable bearing upon Section 10 and it contains important additions and amendments. This section gives the wage earner or material man the right to a lien, and the new portion of this section states that this lien shall be “limited to the sum justly due to the person entitled to the lien and the sum justly owing by the owner.” This portion, with the word “justly” in two different places, is new and the manner in which this word “justly” is expected to be interpreted by the court is clearly indicated by changes which have been made also in Section 36, Sub-section 3.

This section instructs the judge or officer trying the case as to his duties. It is in much the same language as the corresponding

section of the former Act but it contains a new clause (a) as follows: “The form of the judgment may be varied by the judge or officer in order to meet the circumstances of the case, so as to afford to any party to the proceedings any right or remedy in the judgment to which he may be entitled.”

## Fraudulent Agreements Checked

Legal advice has been obtained as to the interpretation of these clauses that may be expected after the new Act comes into force. We are told that “Because of the joint operation of Section 33, Sub-section 1, and Section 36, Sub-section 3, the officer trying the case has jurisdiction to deal with a fraudulent agreement and, if it does not express the true consideration, Sub-section 3 of Section 36, allows him to give the necessary relief to a lien holder and declare that the agreement for purchase shall have priority only to the extent of the actual amount justly owing by the owner to the contractor.” Further, our legal advice contains the following: “If, in fact, there was a fictitious contract price mentioned in the contract (too low for completing the work) and a lien holder establishes this fact at the trial, the judge or officer can give him a lien upon the full amount justly owing, notwithstanding the wording of the contract.” It will be seen, therefore, that, of our advice is accurate, a fictitiously low contract price will not in future relieve the owner of any liability short of the actual amount justly owing for work done and materials supplied.

With these two new principles incorporated into it, the new Act will be a great improvement upon the old one, unless loopholes, that cannot be foreseen, develop as a result of judicial interpretations. Apparently the special committee of the Legislature have given careful consideration to our representations on these two points, relating to a fictitiously low contract price and a fictitiously high price in an agreement of sale. They have undoubtedly endeavored to make the new Act clear on these points and to eliminate much of the fraudulent practice carried on formerly between owners and contractors who were not honest. Not only will this greatly reduce the possibility of dishonest collusion between an owner and a contractor, but it will result in decided benefit to the honest owner and the honest contractor, whose reputations have formerly suffered from the misdeeds of dishonest ones.

## Delivery on Adjacent Lot

In connection with the delivery of material to a job, a change has been made in the wording of the new Act. An amendment that we advocated in 1918, and which was carried, provided that delivery upon a lot adjacent to the job should be a good delivery for the purpose of establishing a lien. The new Act, while continuing this principle, seeks to regulate it to some extent. The words used in the new Act are as follows: “The placing or furnishing of such materials to be used upon the said lands, or such other place in the immediate vicinity of the said land designated by the owner or his agent, shall be good and sufficient delivery for the purpose of this Act.” It will be noted that, in the case of delivery upon land “in the vicinity,” the new Act requires it to be “designated by the owner or his agent.” It will, therefore, be necessary for the material man to have the owner or his agent designate the place of delivery if it is not upon the actual lot on which the building is being erected. In this connection, however, it is important to bear in mind that under Clause 36, referred to above, the judge has much greater jurisdiction than formerly and is given power to “afford to any party to the proceedings any right or remedy in the judgment to which he may be entitled.” The legal advice we have obtained says that “notwithstanding any defect in delivery, where the provisions may not have been strictly complied with, a lien will attach for all materials incorporated into the building.”

## Husband Acts as Wife's Agent

The new Act provides in Section 7 that, in the case of a contract given by a husband for or on behalf of a married woman, he shall be conclusively presumed to be acting as her agent as well as for himself, unless before the materials are supplied notice shall have been furnished to the material man to the contrary. This clause is amended as compared with the old Act and makes a contract given



by a husband on behalf of a married woman somewhat more binding upon the wife's interest than formerly.

In the matter of leasehold property, an amendment is made to Section 8. Under the old Act, the owner's consent had to be secured in writing, verified by affidavit, at the time of registering a lien, or otherwise the lien would not attach to the fee simple. Under the new Act, the lien will attach automatically to the fee simple of a leasehold property, provided the lien claimant gives notice in writing, by registered letter or personal service, to the owner or his agent of the work done or material furnished; unless the owner or his agent within ten days thereafter gives notice that he will not be responsible therefor. Furthermore, the new Act provides that in the case of a leasehold property no forfeiture or attempted forfeiture of the lease shall deprive the lien holder of his right to lien, except for the non-payment of rent, and in such case the lien holder may take over this responsibility and carry the lease on in order to protect his lien.

#### Sub-contractor's Lien Protected

Section 13, Sub-section 2, of the new Act provides that a sub-contractor shall be entitled to enforce his lien notwithstanding the non-completion or abandonment of the contract by his contractor or sub-contractor. This preserves the right of the supply man to a lien notwithstanding difficulties that may arise by reason of the contractor to whom he supplied goods making default in connection with his job. Insofar as the percentage is concerned, this section puts the position of the man supplying goods to a sub-contractor beyond question.

An amendment has been made to Section 22, Sub-section 5. Under this, if the architect in charge of a job refuses to give a final certificate for three days after application has been made for such a certificate, the contractor may then, within another seven days,

register his claim for a lien. This limit of three days upon the architect curtails the limit of time within which the architect may refuse to give his certificate or for which the contractor has to wait in order to establish his lien on the final certificate.

An important change has also been made in connection with notice of trial given to defendants in a lien action. In the first place, the notice has to be given, under the new Act, at least ten clear days before the day appointed for trial. Under the old Act, eight days was the period. A clause has been added as follows: "Where any person interested in the land has been served with statement of claim and makes default in delivering statement of defence, he shall nevertheless be served with notice of trial and shall be entitled to defend on such terms as to costs and otherwise as the judge or officer trying the action may deem just."

This provision, which is new, is very wide and, taken in conjunction with Sections 6 and 10, gives the court practically complete power to grant such relief as may be necessary, to adjudicate on all the facts in connection with the contractor, supply man or mortgagee, and definitely to fix a true amount of the lien in relation to all the parties."

Under Section 37, Sub-section 3, of the new Act it is provided that "where a claimant fails to establish a valid lien he may, nevertheless, recover a personal judgment against any party to the action for such sum as may appear to be due to him and which he might recover in an action against such party."

The legal advice secured regarding this change in the Act states that it "may limit somewhat the advisability of bringing action under the new Lien Act. Under the old Act, judgment would be given for a personal amount in any event, even if the lien itself failed. Under the amended Act, the indication is that the court would have discretion to refuse a personal judgment if they were not satisfied that proceedings should have been commenced under the statute."

## Quebec Forms Provincial Retail Association

The Province of Quebec Retail Lumber Dealers' Association was formed at a meeting held in Montreal on May 8. This association is the outcome of the formation of the Montreal Retail Lumbermen's Association and includes sash and door manufacturers as well as retailers. The Montreal Association is now merged in the Provincial body, forming one of several centres created in different parts of the Province, with the headquarters in Montreal. The meeting was well attended by representative dealers, from various parts of the province and was presided over by Mr. J. P. Dupuis.

At a meeting held on April 15th a committee was appointed to draft by-laws and regulations and to prepare reports dealing with the proposal to form a Provincial-wide organization. This committee submitted their report, and it was unanimously agreed to proceed with the formation of the Province of Quebec Retail Lumber Dealers' Association.

The following provisional board of officers and directors was appointed: President, G. Lebel, Montreal; vice-president, J. O. Chalifour, Quebec City; with the following directors for the districts named:

Farnham—Messrs. B. R. Stevens, (Bedford) and J. B. Comeau, (Farnham).

Quebec—Messrs. J. M. Dessureault, and L. C. Marquis, (Quebec).

Victoriaville—Messrs. J. E. Giroux, (Victoriaville), and L. Caron, (Nicolet).

Hyacinthe—Messrs. H. H. Sheppard, (Sorel), and C. A. Morin, (St. Hyacinthe).

St. Jerome—Messrs. L. E. Parent, (St. Agathe), and A. Limoges, (Terrebonne).

Montreal—Messrs. J. P. Dupuis, and S. F. Rutherford, (Montreal).

Valleyfield—Messrs. A. Cossette, and J. O. Clermont, (Valleyfield).

After the election of the officers and directors the chair was taken by Mr. Lebel and the by-laws and constitution as prepared by the committee was adopted.

Mr. Horace Boulton, of Toronto, secretary of the Ontario Retail Lumber Dealers' Association, was present, and gave details of the working of that Association. On the motion of Mr. Dupuis, Mr. Boulton was thanked for his information.

A vote of sympathy was also passed to Mr. B. R. Stevens in the death of his sister. Mr. G. A. Thompson, the secretary of the Montreal branch, is also secretary of the Provincial Association.

## Dealers in Ancient Capital Re-Elect Officers

The Quebec City Retail Lumber Dealers' Association is flourishing and gaining steadily in membership and influence. It is some years now since this organization came into being but it has served a splendid purpose and to-day is more active and aggressive than ever. At the last meeting officers were elected for the coming year as follows:—

President: L. C. Marquis, (re-elected).

Vice-president: Louis Hamel, of E. T. Nesbitt Reg., (re-elected).

Directors: Jos. Lefrancois, of La Cie Jos. Lefrancois, (re-elected); J. Gibson, of J. & H. Gibson; Jos. Morneau.

Treasurer: David Bilodeau, of Bilodeau & Dore Enrg.

Secretary: J. O. Chalifour, (re-elected).

Three new members were also received,—J. & H. Gibson, Bilodeau & Dore, Enrg. and Joseph Morneau.

It will be remembered that a long time ago a definite schedule of charges for delivery of material was agreed upon and this rate has been adhered to by all the members. Even dealers who do not belong to the Association, now charge for deliveries. Recently one of the older members said he felt it incumbent on him to say that this improved condition in delivery represented in his case an annual income of, at least, \$3,000 that he did not previously receive.

He added "Now when you consider that this improvement was carried out six years ago, our firm has realized from that source the handsome sum of \$18,000.

"I should say that this represents about the average amount earned by our members from making a delivery charge. The plan has worked out to the satisfaction of all and is fair and equitable," declared another member.

Speaking to the "Canada Lumberman" one of the officers said,— "We have had an increase of about 30 per cent in the amount of our sales and are very busy at the present time. We are confident that the summer will witness very gratifying returns. Stocks are rather low and it would seem that August will be arrived before any appreciable increase in supplies will reach us. Until then it is going to be more difficult to buy than it is to sell.

"The trouble that we have just now is the credit question. We believe that the retail lumber dealers are granting too much credit to contractors and altogether selling on too long terms. I believe that things could be improved considerably if all dealers decided to be more prudent in granting credit. We believe that an organization along the building and loan line would greatly help out in this matter."



# How Safety Reduces Rate on Compensation

Safety pays in every way, not only in the preservation of life and limb but in duty done and the satisfaction that comes from doing the right thing and engaging in a good cause. The various Safety Associations have accomplished much, and any measures that are taken for the protection of workmen, will in time bear good fruit providing there is a sympathetic attitude on the part of the foreman, superintendent and owners of the plant.

In past years there have been altogether too many accidents, both of a fatal and non-fatal character in the woodworking, planing mill and lumber industries. It is gratifying to learn that a decided improvement has set in and the rates for 1922 in wood working plants have been reduced from a provisional assessment of \$2.00 to an actual assessment of \$1.50. The provisional rate for the present year has been fixed at \$1.80, but it is believed that by the end of 1923 a reduction will be shown. Accident prevention efforts have brought about this decided increase in levy and it is to be hoped that the splendid campaign in the interests of Safety will continue.

At the recent annual meeting of the South-Western Ontario Retail Lumber Dealers' Association the subject of Safety was discussed, and it is likely that a prize will be awarded to the mill having the best record during the present year. The Ontario Pulp & Paper Makers' Safety Association has aroused considerable awakening among the forty pulp and paper mills of the province in presenting a silk flag annually to the plants having the fewest number of accidents and the least lost time. The mills are divided into two classes, large and small, and a competition or friendly rivalry has brought about a decided betterment in management and methods in the various plants so that the toll of human lives and personal injuries has been considerably reduced.

It is stated that wood working plants in Ontario now have the lowest compensation rate of any province or state where Workmen's Compensation Acts are in operation. The rate in Michigan is \$2.65; New York \$4.24; Ohio \$1.95 and Ontario \$1.50. The good work inaugurated should be kept up by the planing and woodworking mills of Ontario. A decrease of 25 per cent for 1922 in the levy for compensation is gratifying and encouraging and, no doubt, during the present year, a better showing will be made.

Recently a memorandum was issued by the Workmen's Compensation Board to employers, in which a number of important points were set forth. One, under the caption of "Attention to Accidents," is as follows:—

"It is earnestly urged upon the management of every firm that the most careful and prompt attention be given to taking care of and reporting any accidents that may happen to their workmen. Do not leave this to some irresponsible person. Where there is default, it is almost invariably because someone with whom the manager of the business has not kept in touch has failed in his duty. Default often costs money and always causes trouble and dissatisfaction. First aid, and ambulance or conveyance to doctor, home or hospital where necessary, are required to be furnished by the employer, and the employer should see that a competent and reliable doctor is chosen wherever a doctor is necessary. The workman and the employer should agree upon the choice of a doctor. Accidents should be reported without delay to The Workmen's Compensation Board. Every large employer should keep on hand a supply of employer's forms, which can be obtained from the Board, but if not on hand the first notice should be sent by letter. Be sure to give all the information asked as to the workman's earnings. Call the Board's attention at once to anything you fear may be wrong in any case.

"Remember the law requires every employer to keep posters (Form 82) concerning the act posted up where workmen can see them. If you are without them write the Board for a supply, saying how many you need. Little Booklets explaining the provisions and operation of the Act can also be had.

... "Notice of Award. Notice of every award, whether compensation or medical aid, is always sent by the Board to the employer. Too often no attention is paid to these. Frequently employers do not even know that they are coming to their office, and inquiries are later made to which these notices would have supplied the answer. The amount or detail work which the Board has to handle is immense and employers are begged not unnecessarily to ask a second time for information already given.

"Preserve Wage Records. Pay rolls, wage accounts and time sheets should be carefully preserved until the Board's Auditor has audited them in usual course. It is not possible, without undue expense, to have an auditor visit the employer every year.

"Names and earnings of any members of the employer's family employed and eligible for compensation should be carefully entered on the time sheets and wage records and on the pay roll statement furnished the Board. This will save trouble and inconvenience in case of accident."

## Border Cities Lumber Dealers Get Together

The lumber retailers of the Border Cities in Ontario have been meeting twice monthly in order to become better acquainted. The gatherings which have been held in the Prince Edward Hotel, Windsor, have been very well attended, J. C. Scofield, of the Windsor Lumber Co., acting as chairman, and E. W. Pulling, of the McLean Lumber Co., Windsor, as secretary. Dealers have been present from Walkerville, Sandwich, Ford, Essex, Ojibway, Tecumseh, and other border points.

One of the principal matters which has been occupying their attention is the adoption of a code of trade ethics, which embraces the following:

To encourage the use of lumber as a building material, by educational propaganda and by collecting and distributing information concerning the proper uses of wood. It shall be our aim to prevent, so far as possible, the sale of lumber of inferior grade, kind or manufacture, to compile data as to stocks of lumber on hand and, if practicable, to avoid carrying excessive quantities of odd sizes and grades of lumber, thereby reducing the expense of operation.

Our Association shall contemplate the furtherance of co-operation which in a legal manner shall act in stabilizing prices in such a manner as to insure a fair margin of profit, by compiling and disseminating information regarding the cost of doing business and the education of dealers in the prevention of waste and unnecessary expense, to avoid, unfair and discriminative trade methods and to prevent, so far as possible, imposition on the public through misrepresentations or any dishonest practices.

In becoming members of this Association, we subscribe ourselves to the specific proposition that it is unethical—

- 1st. To circulate information detrimental to competitors.
- 2nd. To attempt to injure a competitor's credit.

their hospitality. This was carried amid hearty applause, and the London members replied, stating that it was a pleasure to have the

3rd. To give false information with intent to deceive a member.

4th. To divulge information given in confidence to a member.

5th. To create dissatisfaction among competitors' customers or to employ agents or solicitors to do so.

6th. To submit lower bids after a bill or order has been awarded to a competitor.

7th. To misrepresent quality of stock, give short measure or substitute grades.

8th. To do any business act which does not conform with the established rules of good sportmanship.

### Discuss Trade Ethics and Cost Estimating

(Continued from page 40)

"boys" in their midst and they hoped they would soon come again. A vote of thanks was also tendered the Builders' Exchange, of London, for the use of their rooms.

Among those present at the gathering were E. C. Russell, Walkerville; George H. Belton, London; E. O. Penwarden, St. Thomas; Charles Hubbell, Thamesville; F. Villeneuve, Walkerville; W. J. Taylor, Ridgeway; P. G. Piggott, Chatham; J. L. Naylor, Essex; L. H. Richards, Sarnia; W. H. Longfield, Mount Brydges; W. R. Stephenson, Appin; M. R. Bogart, Chatham; W. T. Piggott, Windsor; Allen McPherson, Glencoe; W. Noxell, Komoka; A. R. Sanders, St. Thomas; B. C. Turville, St. Thomas; Ezra Fahner, Port Stanley; George H. Belton, George N. Kernohan, R. H. Smith, L. H. Martyn, J. T. Wallace and T. A. Clatworthy, London; J. C. Scofield, Windsor; Horace Boulton, secretary O.R.L.D.A., Toronto; G. B. Van Blaricom, "Canada Lumberman," Toronto and others.





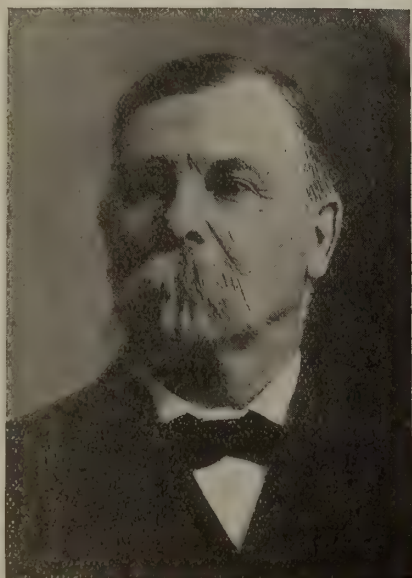
George Lebel, Montreal,  
President Provincial Association



J. O. Chalifour, Quebec,  
Vice-Pres. Provincial Association



G. A. Thompson, Montreal  
Secretary, Provincial Association



L. C. Marquis, Quebec,  
President, Quebec Retail Dealers

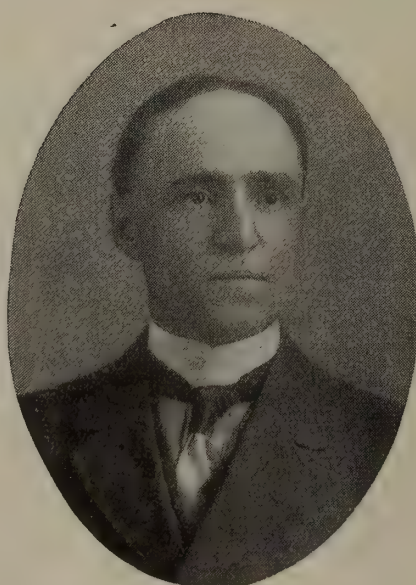
Progressive Lumber Dealers  
who are Active in Associa-  
tion Work in Quebec where  
Provincial Association has  
just been formed.



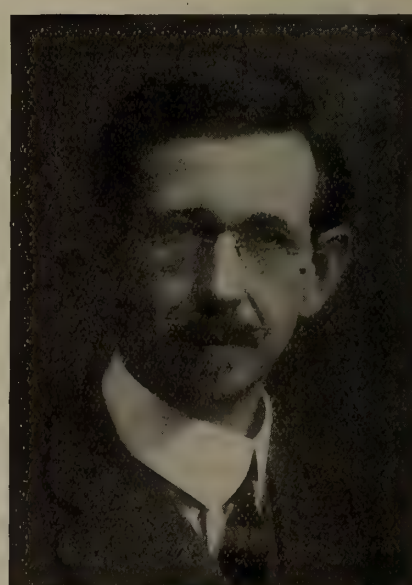
Louis Hamel, Quebec,  
Vice-Pres. Quebec Retail Dealers



S. F. Rutherford, Montreal,  
Director Montreal District

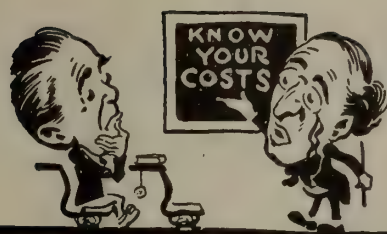


J. P. Dupuis, Montreal,  
Who presided at gathering



Horace Boulton, Toronto,  
Who addressed the Meeting





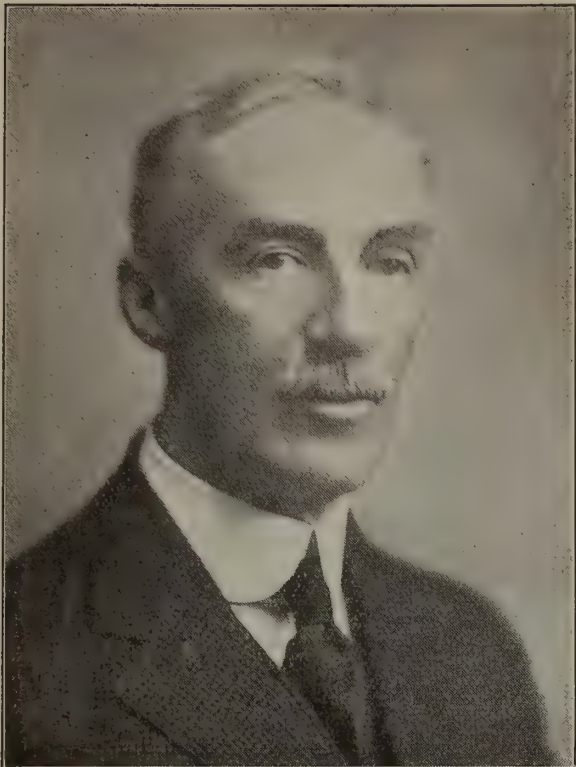
## "It Pays to Learn the Truth"

A phenomenal movement of lumber from the Pacific by the water route has been one of the outstanding developments in British Columbia shipping in the last few months. Last year about 500,000,000 feet of lumber were carried by the inter-coastal steamers.

## How the Brockville Lumber Corporation, Limited, learns the truth

A phenomenal movement of lumber from the Pacific by the water route has been one of the outstanding developments in British Columbia shipping in the last few months. Last year about 500,000,000 feet of lumber were carried by the inter-coastal steamers.





Attractive new office of progressive lumber firm in Hamilton, Ont.—  
On the left is W. J. Aitchison, who recently retired after  
being associated with the business for many years

## Historic Lumber Firm is Still Going Strong

*D. Aitchison Co., Limited, Founded Nearly Sixty Years Ago Becomes  
Incorporated—Veteran Heads of Concern Retire, Allowing  
Honored Employees to Take Hold of Business*

The D. Aitchison Lumber Co., Limited, of Hamilton, is one of the oldest organizations in Canada, being originally founded by two brothers William and David Aitchison who came out to this country from Annon, Dumfriesshire, Scotland, in 1858. They had learned the trade of cabinet making in the old land and soon found employment in the various branches of the lumber business and in 1866 began the manufacture of boxes in a small way in part of the building known as the Cooper carriage factory situated in the block bounded by King, Park, Main and Bay Streets which site in the Ambitious City is still occupied by the present firm.

For some years business was confined to the manufacture of packing cases and general planing mill work. As the business extended and the need of new premises was felt they bought from the Cooper company the main building with considerable land adjoining which was used for a lumber yard, and machinery was installed for the manufacture of sash, doors and interior finish.

In 1894 the partnership known as Aitchison & Company was dissolved by the death of the elder brother, William. The business was taken over and carried on by David Aitchison as D. Aitchison & Company. Business conditions generally had much improved and from that time on the firm made rapid progress and the volume of trade greatly increased.

In 1898 David Aitchison passed away and was succeeded by his son W. J. Aitchison who carried on a year or two alone when he took into the partnership Fred Taylor who had been a successful contractor in Hamilton for many years.

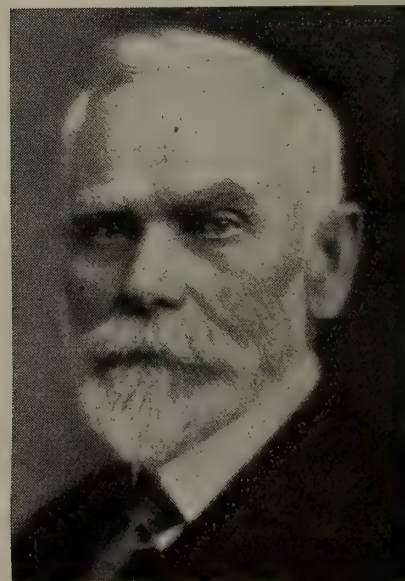
On Christmas night during the winter of 1902-3 the firm suffered a set back when the main building of the mill was destroyed by fire. It was a decidedly severe winter and they had a busy time clearing away the wreck and rebuilding to be ready for the business of the coming season. A new structure and more modern machinery soon enabled the firm to make up for the loss caused by the fire.

In 1906 so that they might secure lumber at first cost the firm bought a saw-mill on the Magnetawan river together with the right to cut timber on a 44 mile berth in the adjoining township. The business was carried on very successfully for about 15 years and their yard was kept supplied with most of the hemlock, spruce and birch which was required.

The steady progress made by the Aitchison organization and the enviable position it holds as one of the oldest and most successful of its kind in Ontario has not been due to any brilliant strokes of

trade but by a steady adherence to the old time qualities of strict attention to business, honest dealing and service.

After being in partnership for about 25 years Mr. Aitchison and Mr. Taylor felt that the time had come to have the employees as far



Frederick Taylor, Hamilton. Partner for twenty-five years with W. J. Aitchison, in the lumber business

as possible take hold of the business, some of them having been in the service from 20 to 30 years. At the beginning of this year a company composed largely of the employees was granted a charter to operate the concern and with practically no change of personnel other than the dropping out of Messrs Aitchison and Taylor.

The business is being carried on along the same lines and policies as previously and sales have been extremely good considering the backward spring. The members of the new company are as follows.—President, M. E. Peterson; vice-president, D. Cole; Treasurer, C. Peterson; Manager, S. S. Leggatt.

All these men with the exception of M. E. Peterson had been connected with the business more or less for a long period and of course, are thoroughly acquainted with requirements of the trade. The prospects in Hamilton for the summer are promising.



# Canada Lumberman

Founded 1880

The National Lumber Journal for Forty Years

Issued on the 1st and 15th of every month by

## Hugh C. MacLean Publications

LIMITED

THOS. S. YOUNG, Managing Director

G. B. Van Blaricom, Editor

HEAD OFFICE - - - - 347 Adelaide Street, West, TORONTO

Proprietors and Publishers also of Electrical News, Contract Record,  
Canadian Woodworker and Footwear in Canada.



VANCOUVER - - - - - Winch Building  
MONTREAL - - - - - 119 Board of Trade Bldg.  
WINNIPEG - - - - - 302 Travellers' Bldg.  
NEW YORK - - - - - 296 Broadway  
CHICAGO - - - - - 14 West Washington Street  
LONDON, ENG. - - - - - 16 Regent Street, S.W.

### TERMS OF SUBSCRIPTION

Canada, Great Britain and British Possessions \$3.00; United States \$3.00;  
other Foreign Countries \$5.00. Single Copies 20 Cents.

Single copies, 20 cents.

Authorized by the Postmaster-General for Canada, for transmission as  
second-class matter.

Vol. 43

Toronto, May 15, 1923

No. 10

### When an Order is Not an Order

Many a concern has been wrecked in its career through an excess of business and too apparent prosperity. This statement, at first, may seem peculiar, even paradoxical. What is the reason of the downfall of many new and old firms? The lack of system, dearth of service, inferior quality of goods, want of working capital, loose business methods, unwise credits and lax collections. There are not a few men who ostensibly think that the one requisite about "big business" is to secure orders, roll up accounts and pay no arbitrary attention to credits. "You will get your pay some time and volume is what counts," they say. "Others are selling that fellow and taking a chance, why not us?"

All this sounds plausible and pleasant but, in times of expansion or business depression, it is well to watch the financial status of clients. Orders that are landed too freely will bear close scrutiny and the man, who falls readily for a generous consignment without some consideration, is likely to be the first to cancel or the last to pay. There are orders and orders.

A solid, substantial business is worth more than one which is loosely run and is full of care and anxiety. Many a small concern, which is well governed and soundly administered, earns a deal more in proportion to investment and effort put into it than some colossal organization which has many ramifications and does not pay too close attention to individual accounts or has a top heavy overhead. Volume is the one thing that sounds big, and to have one speak glibly of millions of dollars of capital, turnover and sales is impressive and luminous, to the small fellow who comes in and can count his annual trade in the small figures.

Only the other day, it came to light that one concern doing less than half a million dollars a year, made practically as much net profit as another in the same line which did five or six times that amount. The latter looked like a mountainous structure groaning and bringing forth a mouse.

And all this leads up naturally to orders for forest products. In the last issue of the "Canada Lumberman" there appeared some points to be observed when ordering lumber. Twenty-three definite clauses were set forth which it would be well for those who make out or give orders, to follow. There was printed in the same issue some timely references, made by Mr. A. C. Manbert, at the Wholesale Lumber Dealers' Association, Toronto, when he called attention to the fact that orders in these days should be carefully scrutinized. It was pointed out that many orders were not orders at all in the best and most acceptable idea. Some orders were an embarrassment; others were a grievance; some a clog on the wheels of progress and

others a possible source of bitterness, while a few were an aggravation. The whole thing was admirably summed up in the quotation "that an order which does not show every special condition entered into between the salesman and the customer, is not an order but a breeder of misunderstanding and dissension."

Thus, in all orders, it is well to consider many things;—the credit of a customer, his standing and past or present relations with the firm, and then to set forth explicitly the terms, the time of shipment, the character of the stock, grade, routing, discount, delivery, etc. It should be remembered that many an order is invaluable to a firm until the goods are delivered and collection made. When settlement is effected in full then a definite transaction has been concluded and something tangible established in building up and financing a business.

### The Spirit of Unity and Tolerance

It is pleasing to note that a spirit of friendship and co-operation is prevailing in all ranks of the lumber trade. Everything points to higher ideals and loftier levels. In the old days there was treachery and suspicion and it was regarded as a clever denouement to put something over the other fellow or to beat him out by fair means or foul. Business ethics today are of a higher order. The man, who does not play the game and play it squarely and openly, is not likely to travel far on the road to permanency.

Associations of various trades have done and are doing much to bring men together, to soften their acerbities, dethrone suspicion, engender thrust and stimulate respect. In the lumber trade as well as in allied lines all men have practically the same problems to face. The fellow across the street or down in the next block is not such an unattractive inhuman specimen of humanity after all if you only get to know him. This, however, requires more than a telephone talk or a bowing acquaintance. It means that you will take the trouble to pay him friendly calls every once in a while and discuss mutual problems with him and he will do the same with you.

In the past dealers have been for years in the same line of business and even in small towns have not recognized one another. Now through the intervention of local, district and provincial Associations, the lumberman knows not only those engaged in the same line in his own town but also for many miles around. He feels that he has a friendly personal interest in them as they have in him. He becomes bigger and broader than his business and takes a larger outlook of his calling and a wider survey of service.

The Rotarian spirit is animating trade associations more and more and arousing kinder thoughts in those who are endeavoring to build up an honest living. The spirit of "live and let live" is abroad.

Not very long since at one of the retail lumber dealers' district gatherings it was pleasing, indeed, to see six of the leading forest products merchants of one city present and three from a smaller sister community. These constituted practically all the members of the trade in each place. They laughed and joked with one another, told stories and had a regular old boys' reunion. A few years ago no one could have got them to mention the names of their opponents, without a slur or imprecation, and yet today each man is only too pleased to associate with his fellows, to serve on committees, take joint action on trade ethics and generally seek to usher in that higher and better state of affairs which is slowly but surely impregnating the whole mercantile and manufacturing systems of the present era.

### Consumption of Wood Ever Increases

Canada is not alone becoming interested in the salvage of her forest resources. The European countries with extensive woodlands are also studying the situation and advocating economical policies of conservation and reforestation. In England the scientists having continually in mind the national resources of that country, are sounding the clarion call to protect the forests of Great Britain before it is too late. In the Mother Country it is recognized that, for each 100 tons of coal mined, at least, one ton of timber is required.

Writers on the subject of forest conservation advocate that the watchword should be conservation of supplies, not merely the conservation of England's supplies, but the world's, as the nations are interdependent. The writers then proceed to enumerate the multitude of things for which wood is used these days apart from construction, and add that it is no wonder there is a depletion of the world's forests, to say nothing of the enormously increased cost of living to the public. The question is asked if ingenuity cannot provide collapsible packing cases, and possibly the most serious position is that, in spite of iron and steel having so heavily supplanted timber in construction work, the consumption of wood is increasing at an alarming rate.

It is pointed out that from thirty to forty years ago Great Britain's imports of wood were £15,000,000 in value, while they re-



cently topped £100,000,000, and this refers to England's newspaper supply dependent upon the forests. While one ton of waste paper would make 15 cwt. of newspaper, there seemed to be no means of collecting this waste for re-manufacture—a failure in economics and a waste of nature's resources. They complain that the evening newspaper is a questionable necessity and a perpetual drag upon the timber supplies.

It is contended that the world generally has got away from the simplicity of living and is too lazy to study economics, and that there can be no doubt but that, with proper cultivation "grasses" would supply the need of men for paper.

### Does it Pay to Produce Spruce Lath?

Are many lumber mills making the best possible use of their spruce slabs and edgings? It is more profitable to convert the slabs into lath than to dispose of them for fuel? There have been many discussions as to the utilization of waste forest products, sawdust for example, but comparatively little attention has been paid to the economical use of slabs and edgings. These have been gradually regarded as coming within the refuse class with their main and best use as lath lumber.

The purpose of this article is to give figures submitted to the "Canada Lumberman" which require consideration in view of the difference in profit to the mill when this waste lumber is converted on the one hand into lath and on the other into fuel. The balance is distinctly favorable to the latter.

It is not claimed that this holds good in the case of every mill, only those who are in a position to supply fuelwood to large towns and cities within a certain radius. Beyond that the freight rate operates against fuelwood, increasing the price to the consumer so as to make it practically impossible to ship. As a matter of fact, this trade is based on lower freight rates—high rates would kill it.

As a basis of calculation, spruce slabs may be quoted at \$4.00 per cord and edgings at \$3.00 per cord. A thousand feet of spruce logs will produce about three-quarters of a cord of slabs and edgings, and if properly turned so as to produce slabs, instead of sawing logs, live and producing edgings will run about half a cord slabs and a quarter cord edgings per 1,000 feet. The value at the mill of the half cord of slabs is \$2.00, and of the quarter cord of edgings 75 cents, a total of \$3.66 per cord of slabs and edgings. A million feet of logs will produce 750 cords worth \$3,745 on board cars.

Now let us take the lath. About two-thirds of the 750 cords will, it is fair to assume, be large enough to make lath, and give about 700 pieces of lath per cord of all grades and lengths. Taking this basis, the average price will be about \$5.25 per thousand, from which must be deducted cost of manufacture, tying cord, etc., which conservatively may be estimated at \$1.75 per thousand, leaving a net return of \$3.50 per thousand. It must be remembered that the refuse from lath is of no value and must go either to the burner or refuse heap, whereas in the case of fuel the waste is nominal.

The position may thus be summarized:—

750 cords of slabs and edgings for fuel at \$3.66	\$3,745
350,000 pieces of lath at \$3.50	\$1,225
250 cords of slabs and edgings unsuitable for lath at 9.15	\$2,140
which gives a balance in favor of fuel of	\$1,605

It might be objected that no consideration has been given to the difference in the cost of piling and loading, but the difference is so trifling as to be scarcely worth mentioning.

The foregoing figures may not meet the approval of everyone, but they open up an avenue which is worth exploring, especially in view of the importance of not overlooking every source of additional revenue, and of utilizing, to the utmost extent, every by-product of the lumber industry.

### Confidence in Your Competitor—What?

Co-operation is the watchword of the day in many industries, and in the building up of business, quality and service are the elements that count the most.

In connection with a business organization or an Association that wins acquisitions to its ranks, there must be mutual confidence and trust. Many federations or corporate bodies in the trade line make a mistake by seeking to accomplish too much during the first year or two. The result is that all energy peters out, and what looked like a promising and permanent institution, falls by the wayside. The attendance becomes irregular, the fervor of the members expires and the don't-care spirit seems to prevade the whole guild. This is because strength has been shattered and there has been lacking concentration and co-operation.

In forming an Association, too much should not be attempted at first, yet how often is the mistake made of seeking to carry out

rapidly too comprehensive a programme. Efforts should centre upon one or two practical subjects and progress be made on these so that a definite record of achievement may be shown. If any body attempts to deal with too many matters at the outset, they scatter their efforts over too wide a field and do not develop as effectively as if they contented themselves with concentrating attention upon one or two objects or aims and then adding gradually to the number.

These observations are made in view of the fact that some new organizations in the lumber line are coming into existence, and it is well at the outset that the members should not be carried away by any fallacies or misconceptions. It is necessary that all those, who are chartered members of an Association, or enter at its inception should have confidence in one another. This is the basic element upon which great structures are reared and the standards of service, conduct and management elevated and buttressed. With confidence and a definite goal in view, matters are likely to proceed smoothly along the road of expansion and prestige.

When one uses the term "confidence," this does not mean a half-hearted belief in the other fellow or a mere toleration of him. As the president of one organization pointed out in a recent inaugural address, the members must not feel that they were entering into a federation so as to learn some of the intimate inner workings of the other fellow's affairs, as this was not the object in view. They must feel that everyone who came in, wanted to help all the others as much as he could, knowing in return that he would receive a greater measure of benefit for himself. If they did not hope for this greater benefit, they should not join. There was no use in deluding themselves with ideas about joining an Association as a duty and getting nothing in return. The Association idea in itself was selfish, but anyone who joined in the proper spirit and with the right end in view, could get more out of it than he put into it. No man however, could reap any good from an Association unless he had complete confidence in the other fellow and threw overboard any idea he had entertained in the past about certain chaps not intending to play the game fairly and squarely. As the work of the Association developed there would arise many things in which it would be necessary to display this feeling of confidence and mutual trust. While giving out certain facts, might sometimes go against the grain, yet all should realize that they had to co-operate fully and freely.

Concluding, the speaker said,—“We may feel that it is an unnecessary burden that we should be required to dig up essential facts and data in connection with our business and put them in tabular form for the benefit of the whole trade. We may occasionally feel that this particular information required is not of any value. We may have any one of several objections to co-operating unreservedly at different times, but I want to impress upon you all, at the outset, that the idea of confidence in one another, confidence in our officials and confidence in our Association as a whole, should be animating factors. This is the spirit, with which we should all be imbued and if we practice it, we can count upon good, practical results and the advancement of our work, usefulness and service.”

### Woodman Spare That Tree

Woodman, spare that tree!  
Touch not a single bough!  
In youth it sheltered me,  
And I'll protect it now.  
'Twas my forefather's hand  
That placed it near his cot;  
There, woodman, let it stand,  
Thy axe shall harm it not.

That old familiar tree,  
Whose glory and renown  
Are spread o'er land and sea—  
And wouldst thou hew it down?  
Woodman, forbear thy stroke!  
Cut not its earth-bound ties;  
Oh, spare that aged oak  
Now towering to the skies!

When but an idle boy,  
I sought its grateful shade;  
In all their gushing joy  
Here, too, my sisters played.  
My mother kissed me here;  
My father pressed my Hand—  
Forgive this foolish tear,  
But let that old oak stand.



# *Lumbermen Hear Able Talk on Insurance*

## *—How Companies are Operated—*

At the last annual meeting of the Canadian Lumbermen's Association, held in Montreal, an interesting and impressive talk on insurance was given by G. D. Finlayson, of Ottawa, Superintendent of Insurance. He touched upon the management, operation, losses, premiums, etc., of the different companies operating in the Dominion, and in the course of his timely address said:—I do not know that I can say anything to you that you do not know already, perhaps, better than I do because you are concerned with insurance in a practical way while my interest is, necessarily, somewhat that of an observer. Canada, in 1921 paid as a tax in the form of fire insurance premiums about \$50,000,000. For the fiscal year 1920-21, the total revenue of the Dominion government from income tax and business profits tax was about \$40,000,000. The total revenue from all excise duties was about \$47,000,000. The total revenue from the Post Office department was about \$26,000,000. The estimated revenue from all customs duties for the present fiscal year 1922-23 is about \$100,000,000. These figures enable us to form some idea of the growth and importance of the insurance tax; and the remarkable thing is that while the Canadian public is very much agitated over these other forms of taxation—while we read of the public being driven to desperation, and even in some cases to suicide from the imposition of the income tax—we are inclined to feel that the attitude of the public toward the insurance tax, is one of easy-going nonchalance and indifference.

The business of fire insurance in Canada is very largely conducted by British and foreign companies. The Canadian companies transact only about fifteen per cent of the total. British companies carry about fifty per cent. Foreign companies, mainly the United States, carry about thirty-five per cent. Life insurance is almost exactly the reverse. Canadian companies carry about sixty-five per cent of the entire life insurance in Canada. Why is this? To get the explanation we have to go back to 1877. In that year the Dominion Government enacted legislation which set out that every British and Foreign company transacting insurance business in Canada should maintain in Canada deposits sufficient to protect all Canadian policy holders. At that time a great many British and Foreign mutual life insurance companies opposed the necessity of making these large deposits and acting on the out-worn theory that mutual companies could not segregate their assets, decided to withdraw from the Canadian field, and the majority of the companies then transacting business in Canada decided to suspend operations. For the next ten or fifteen years, while life insurance companies were wholly inactive, Canadian life insurance companies got a foothold which they have never since lost.

### **The First Big Fire Felt**

For fire insurance companies the year 1877 was also a bad year because in that year occurred the great St. John conflagration. Prior to that year Canadian fire insurance companies were also beginning to feel their strength. Along came the conflagration with its loss of thirteen million dollars and its insurance loss of six million dollars. Three or four Canadian companies were ruined. During the next five years two or three more gave up the race; and Canadian fire insurance received a set back from which it has never yet been wholly able to recover. It was twenty-eight years after 1877, in 1905, before the number of Canadian companies in the field attained the number doing business in 1877. During that twenty-eight years, twenty-five Canadian companies passed out. The underwriting loss of the twenty-five companies amounted to something like ten million dollars. The experience of Canadian companies during the forty years over which our records extend was an underwriting loss of something like one per cent of the premium. Canadian capital is afraid of the fire insurance business, and the proportion of Canadian business represented in the total business is, therefore, small; and, what is of more importance, it is decreasing.

Now, what is the situation in insurance to-day. During the last forty or fifty years insurance has yielded a profit to the insurers of just under five per cent of the premiums. I do not think that anyone will say considering the risk that fire insurance business is under, a margin of five per cent on the premiums is an inordinate profit.

There is criticism about the elements entering into the profits; that the acquisition extent entering into all computation of profit

is too large. I am inclined to agree. The acquisition extent of fire insurance companies to-day is about forty per cent of the premiums. Sixty-five per cent is taken up with losses; the balance is profit. Of that forty per cent, twenty per cent is approximately the agents commission, three, four or five per cent is taxation; and the balance is overhead, office and general expenses.

Another item entering into the computation of the profits is the reserve. We very often hear that the reserve of fire insurance companies is too high. With that I am inclined not to agree. I think the main thing in fire insurance is to have stability and solvency, and so long as fire insurance companies in the event of liquidation are required to return to their policy holders the full honor and portion of the premium and so long as on the cancellation of their policies they must return to the policy holders the full honor and portion of the premium, they must have a large reserve.

### **Reserves are not too High**

It is quite true that the companies may reinsure; but so long as these contingencies are there they must maintain that reserve. As a rule the reserve is not found to be too high. The companies want to give their policy holders policies which are of unquestionable security; and I think, notwithstanding the times of the present, every one of you, who has a policy in companies licensed in Canada may very well sleep soundly at nights.

The question of expense is, I think, directly related to the number of companies. We sometimes hear that there is insufficient competition in Canada. I am inclined to think that that is true; but that does not arise from the number of companies transacting business. In fact, I am inclined to think we are suffering from over competition rather than under competition so far as the number of companies are concerned. Twenty years ago there were thirty-eight companies transacting fire insurance business in Canada. To-day there are one hundred and sixty five or seventy companies. The average amount of premium income to-day per company is about the same as it was twenty years ago.

Overhead plays the same part to-day as it did twenty years ago when the volume of business was about one-fifth what it is to-day. Not only that, but the large number of companies has produced a scramble for business and a scramble more important still for agents. The number of agents has inordinately increased until we have to-day twenty thousand fire insurance agents. The average premium income per agent to-day is less than it was twenty years ago.

The result of the large number of companies coming into Canada and the scramble for agencies and agents has caused an increase in commissions because if the demand for agents is greater than the supply, you can easily see that the commissions have to be increased in order that the old companies will not lose their agents when the newcomers make a better offer. I am convinced that the acquisition cost in fire insurance companies to-day would be less if we had the number of companies reduced by one half.

### **More Competition in Premium Rates**

Now, is there a lack of competition due to the association of companies in underwriters associations for the purpose of fixing rates? I am inclined to think that is so. I think we haven't enough competition in premium rates. Our financial records make no distinction between what are called Board and Non-Board companies, but the proportion is usually taken as five to one. In the lumbering industry I understand the proportion of Non-Board insurance is larger and is increasing.

As you are all probably aware, during the last few years there have been admitted to Canada as licensed companies of insurers a number of reciprocal concerns specializing in insurance business. These concerns have entered Canada on the same basis, competing under the same conditions as other companies—stock and others. They are writing an increasingly large portion of the lumber business in this country. The volume of business transacted by these companies I think runs in the neighborhood of thirty millions, the total premium income being about six hundred thousand dollars.

Now, to get an idea as to the place that business occupies, I may say that the total amount of unlicensed insurance business reported to the department amounts to about twenty-two million



dollars. So that, the business transacted by those specializing in insurance in Canada as licensed concerns is some what greater than the total amount of business placed beside the unlicensed concerns in the lumber industry.

I want to say right here on this question of competition that nothing will please the department more than to see independent competition in insurance in the lumber industry and in all other lines of industry increase. The larger you can make that competitive line of business the better. What we do feel like insisting upon is this; that companies transacting and carrying Canadian insurance should domicile in this country and protect their Canadian policy holders. We are more and more inclined to stress this point by reason of the fact that we are faced continually with the problems of Canadian policy holders with companies that are not licensed in Canada, who have failed to collect because of the unwillingness of the companies to pay either because they are in liquidation or otherwise.

#### Broker had to Make Good

Now, this problem is bound to become of some importance. It is accentuated by the decision of the Ontario courts a few weeks ago whereby a broker who had placed business with unlicensed companies was held liable for a claim which occurred for five thousand dollars when the company with which he had placed the business failed to pay. The result of that situation is this: that brokers placing this business are more and more inclined to put upon the insured himself the responsibility of saying whether or not the company with which he is placing the business is sound or not. Now, that is a responsibility which the ordinary insured does not care to assume. Re that decision we have received a great many applications from policy holders asking to be advised as to the stability of the companies. I am not going to say that all unlicensed companies are not sound. That would be extremely foolish, because many of them are sound. But, when the question is put to us in that way, all we have to say is that the insured must take his own risk because we have no means of saying whether the company which is now sound will continue to be sound, and in a year if it has proved to be unsound we have nothing on hand that we can attach to secure the policy holders. I would like to see all these unlicensed insurance companies obtain licenses in Canada and deposit securities in Canada. That can be obtained. There is no logical obstacle to its being done. As I said, years ago there was a feeling that mutual companies could not segregate their assets. That is no longer in force. Some of the mutual companies are doing that now. The effect of the licensing of these companies in Canada would be the most helpful movement that we can possibly have in fire insurance to-day.

#### No Elimination of Competition

A number of you are concerned probably about the tax that has been imposed on these unlicensed insurance people. The impression was unfortunately given that this movement was founded on the ground of restricting, if not, indeed, eliminating competition. Nothing could be further from the fact. We desire to equalize the burden of taxation upon all classes. I hope the time will never come when it can be said that the Dominion government places a burden on capital which comes into this country and makes its home here while other business doing business from abroad goes scot free. Having equalized these conditions the greater competition we have among these companies—the greater competition we have among companies not belonging to underwriters—the better it will be. There will be a lowering of insurance costs, and the creation of certain abuses which are bound to creep in when competition is not available in sufficient volume.

I do not want to continue this talk indefinitely. I think our purpose would be very much served by a discussion on these problems. If there are any questions arising out of this insurance matter in which I could assist in any way, I will be very glad to assist; but you may have problems of which I know nothing. If I cannot answer your question I will be very frank and say so.

#### What Leading Lumberman Says

Mr. W. E. Bigwood, of Toronto said: During the last few years I do not suppose we lumbermen have been more interested in anything than in the question of insurance. No matter whether you have a small mill or a large mill, a small yard or a large yard, during the ordinary course of business our members are obliged to seek information regarding the insurance problem. It is only natural to seek that information especially if the idea is prevalent that the rates are too high. That is probably why the average policy holders are carrying insurance in different fields, whether mutual, reciprocal or other insurance. I was hoping Mr. Finlayson would go on and explain the difference in the kinds of insurance, but he is free to answer questions along this line. The point that impressed me most was the system of inspection. As far as mutuals and reciprocals are

concerned, they have their regular inspections, and as a rule there is someone around our branch every few weeks. The result has been that we have been able to secure a good portion of our insurance from the so-called outside companies. As far as results which have been obtained in any fire we have had, we have had very prompt settlement from all. The methods are a little different; but it does seem to me that the whole question is the question of inspection, and I was hoping that Mr. Finlayson would have touched on that subject.

#### Examining Risks Very Closely

That is another thing that I think the reciprocals and mutuals have to hold in this country, because I believe the inspection they give is very important. They will not take every risk until they have examined the risk very closely. If they find that certain things should be done by the policy holder and the policy seeker consents that is alright, but if not, they ignore the risk. That may be one reason why the tariff companies are obliged to charge a higher rate than others. The reciprocals and the mutuals have the advantage in the return of the profits; the tariff companies are stock companies and the money they make goes to the stockholders. The mutuals and reciprocals are making a certain allowance for necessary reserves.

I think Mr. Finlayson will agree with me that that makes a very attractive form of policy for the average layman. I heartily agree with him that protection is necessary; that the government should have a certain control over them because the average man has not time to study fully the intrication of the insurance business. Therefore, in the department of Insurance it is essential that we have all the information obtainable about the different companies and have the public protected no matter whether you carry large or small lines. I would like to ask Mr. Finlayson his idea of close inspection and the difference in rates between the tariff and the mutuals and the reciprocals.

#### The System of Inspection is Good

Mr. Finlayson continuing said. On the question of inspection I think there can be no difference of opinion. I am filled with admiration for the system of inspection inaugurated thirty or forty years ago by the mutual companies and continued ever since. I think it has been of the greatest importance to industry both in Canada and the United States. To my mind it is the very strongest combination that can be given. I believe Mr. Bigwood is right that not sufficient importance has been given to inspection of properties by the stock insurance companies. I think the mutual companies have shown them the way. The inspection which they are now giving, and which I think is increasing year by year, is very probably due to the competition from the mutual companies. That is one of the things I had in mind when I spoke of the correction of certain defects. There is no doubt that there is a great deal in what Mr. Bigwood says that the stock company, by reason of the fact that it writes all business, must have a larger margin of profit than the company which limits its business to practically fire-proof risks.

I was very much surprised with an argument advanced by a wholesale dealer in Winnipeg a few years ago. This man had a very highly protected plant and his insurance was placed in licensed stock companies. I expressed my surprise that his risk was not carried by the mutual companies. His argument was something along this line. He said: "I have a plant which is eligible for the mutual companies, but I know that I can obtain a very much reduced rate, but my plant is of value to me in so far as I can sell my goods to retailers all through this country. The places of business of these retailers are not eligible for mutual companies. They are not eligible for unlicensed insurance of any kind. They can be insured only in the stock companies. Now, it is well worth my while to see that stock company insurance is possible in order that my business may prosper. Therefore, while I am, myself, eligible for the mutual companies, it is good business for me to patronize the companies which will insure my customers and make it possible for me to carry on business and make a profit."

There is no doubt there is something there. That is the attitude of a considerable number of men who have plants which are eligible for the lower rates. They realize that the stock companies are carrying a line of business which cannot be secured elsewhere. Now, from the fire prevention standpoint—and you must be concerned with fire prevention as well as fire insurance—I would say that every one of these small places should either go out of business or be put in such a condition that they are eligible for the mutual companies; but that is impracticable.

#### Making Property Fire Proof

There is no question at all in my mind that the stiff inspection instituted by these big concerns has been of greatest importance and benefit in showing property owners how their property can be made absolutely fire-proof. The rate is, no doubt, considerably less.



Of course, remember this: the insured at the outset pays five or ten dollars more than he pays the stock company by way of a deposit premium. For instance, he pays fifteen or twenty cents on a sprinkler building. The insured going to the mutual will pay seventy or eighty or ninety cents or possibly one dollar for it. At the end the unabsorbed premium is taken and returned—that ninety cents—to the insured. Take a case where a stock rate is twenty cents. The insured will probably deposit with the mutual company at the outset one dollar. At the end of the year he will probably get back ninety cents. You are getting the use, in the meantime, of his dollar for a year on which is earned six per cent. He has, therefore, received sixteen cents really, ten cents unabsorbed premium and six cents interest. I think there is no doubt that the insured having made that deposit and the business having been cancelled, or, if we can conceive it, the company going into liquidation, the policy holder can claim a claim in liquidation for the unearned portion of that premium. It is a liability that must be covered by the deposit. The man having made a deposit with the mutual company, the company must incur a liability of fifty cents. The mutual company says: we are asked to make a deposit of five times the stock companies. The answer to that is this: you have received five times as much money as the stock company. If you wish to be released the remedy lies in your reducing the deposit premium. For thirty or forty years the return has been eighty or ninety per cent of the average premium. If instead of a dollar they took thirty, forty or fifty cents, then their deposit would be reduced to the same as the stock company.

So far as the reciprocals are concerned the method of operation is different. The reciprocal charges as a rule return to the insured the same twenty or twenty-five per cent. There is, of course, the contingent liability. The member of the concern is, as a rule, liable to the amount of the premium paid. If he has paid one hundred dollars premium and the losses are excessive he may be called upon to pay the loss. There is a comeback in certain contingencies to the insured in the stock company insurance. In the case of these larger companies the contingency is something that you need not worry much about. The experience of twenty or thirty years has been in every respect satisfactory.

### The Bulwark of Modern Civilization

The home-owning spirit is what should be encouraged in every community. Wherever there is a large building campaign, new streets and districts spring up. There you will find a go-ahead town along with peace and contentment. In any centre where the majority of the residents are home-owners, there is seen a solidity and permanence which is not witnessed in municipalities where the growth is of a mushroom nature or where industrial enterprises are such that workers are busy one season and slack the next. They live only in rented dwellings and are prepared to leave the burg as quickly as they entered it.

There is too little publicity given to the fact that, by systematic effort, men can save money regularly so that they can build their homes without and greater labor or sacrifice than by paying rent. Most every bread winner admits that he can pay rent, especially if the rent is not more than 25 per cent of his weekly wage or salary, but when it comes to buying a home, he stands back aghast and wonders how on earth he could surmount the apparently staggering figure that he sees before him. All he needs is confidence and courage. These can be brought about through co-operation and the stimulation of loan and savings societies, own-your-home expositions, educative literature by the retail lumbermen, motion pictures and other agencies.

The most widely known song in the world to-day is "Home Sweet Home." It is just one hundred years ago that John Howard Payne wrote the memorable words. The song was first sung in public at Covent Garden Theatre in London, England, on May 8th, 1823, being included in the second act of an opera called "Clari" or the "Maid of Milan." Howard was an American actor and his sweet, heart-compelling production will never die. He has put into poetry sentiments and thoughts that will live as long as domestic bliss itself.

The great danger of Canadian institutions to-day is that they tend to shatter rather than build up the home, its influence and wholesome surroundings.

Much might be said about the home being the bulwark of the nation, the foundation of its citizenship, the strength of its manhood and womanhood, and the backbone of its duration and integrity. Early home associations are the strongest and most binding, and the teachings instilled in youth are not soon or easily forgotten. On the plastic mind of the child if right principles are inculcated and high ideals presented, the remembrance of these will be strong and act as a sheet anchor in periods of stress and strain.

In this world we all like to be well thought of and well spoken

of. As the family is the great institution that clusters around the home, so in the upbringing of children, the parents of to-day should seek to foster that spirit which makes for strength of character, nobility of purpose and steadfastness of will. When a family shifts from one place to another, having no fixed abode and no opportunity to cultivate ideals or visions, no time to give attention to the beautiful, the attractive or the aesthetic, an inferior quality of citizenship is engendered, along with disregard for the higher standards of living and honor. There exists the susceptibility to give way to temptation and low ideals.

Much more might be said upon the home and what it stands for, what can be put into it and what can be taken out of it. The following lines by J. O. Mackie, which recently appeared in the "American Lumberman," set forth the domestic delights of a real home, a real family and a real life:—

I will build me a home in a quiet place,  
Away from the noise and the crowd,  
Where shade trees meet across the street,  
And children are allowed.

No lifeless iron or raw red brick,  
Or sullen walls of stone,  
Nor fence of steel make neighbors feel  
That I want to be alone.

I will build it strong with the sturdy fir,  
And the fragrant cedar and pine;  
With a garden so that flowers may grow  
Around this home of mine.

And there each night on my front porch,  
When the sun goes down in the west,  
My wife will be there in her rocking chair,  
And I'll be there in my vest.

And my boy will be there with his eyes on his dad  
Who will sit with his feet on the rail,  
And tell him about some wonderful trout  
That would soon have turned into a whale.

And I'll think of the time when we lived in a flat,  
And squandered our money for style,  
And I'll think of the guys who never get wise,  
And I'll smile and smile and smile.

## New Sales Tax on Lumber

Under the Fielding budget a change has been made in the sales tax on lumber, which will now pay the same tax as will prevail on other products, namely, six per cent.

The new tax will become effective August 1st and will be collected at the source of production, that is, on the sale by the manufacturer to his customer.

The present sales tax on lumber is three per cent, which is payable upon the price at which the manufacturer sells to his customer. No tax has been collected from the retailer unless he bought direct from the manufacturer or purchased a further manufactured product in lumber such as sash, doors, etc.

The new sales tax on lumber imported into Canada will be six per cent. upon the duty paid value. The present tax is four and one-half per cent. The duty paid value is understood to mean the invoice price plus the duty.

No intimation has yet been received from Ottawa as to whether the manufacturer can absorb the same and show only one item on his invoice, or whether the sales tax must be shown as an added item in addition to the price at which the lumber is sold.



# Character and Quality of Western Hemlock— Growing Demand in Eastern Market

By Kenneth M. Brown, Toronto

The high character and quality of B. C. hemlock, particularly in grades designed for interior use, are bringing merited recognition in the major markets of the East. The products of this splendid, vigorous Western tree, although superior to that of the Eastern species, have suffered because of the prejudice existant against the name hemlock; caused by the objectionable qualities of the Eastern variety. Had it been more fortunately named, B. C. hemlock would have been coming into the eastern market in great volume in a comparatively short space of time. The necessity for educational work would have been eliminated.

Strictly by its merit, B. C. hemlock has rapidly become assured of a permanent and growing demand in all the major markets of this continent. Such assurance is particularly welcome, not only to those manufacturers now producing hemlock, but to the industry as a whole. Enlarged markets for this excellent wood were not only desirable, but absolutely essential to economic welfare.

Ranging southward from Alaska and as far east as Idaho, hemlock is found along the entire coast, and also in the interior of British Columbia. It thrives best on deep, porous soil where lots of moisture is available. It predominates in certain coastal districts of British Columbia and it is in this province that it reaches its greatest development in size and quality. Here it reaches from 125 to 175 feet in height and ranges from two to five feet in diameter. It seldom occurs in pure stands, usually being mixed with Douglas fir, Sitka spruce and red cedar in the lower elevations and various firs in higher altitudes.

## The Tree Multiplies Rapidly

A prolific seeder, it multiplies rapidly and its acreage is increasing in proportion to the natural growth of other coast woods. Its ability to withstand shade enables it to flourish where other species would not live and frequently results in the establishment of hemlock reproduction to the almost complete exclusion of other woods.

It is estimated that there is, in British Columbia, about 52 billion feet of standing hemlock timber or approximately 25% of the entire merchantable stand. As this percentage will increase yearly for reasons already assigned, this wood is one of the most important in British Columbia in available supply. The estimated cut in 1916 was 101,315,000 ft. b.m., and has undoubtedly been considerably increased since. As hemlock is present in large quantity, the logging of this tree in conjunction with fir, cedar and spruce is an economic necessity and closer utilization of its products will eventually benefit all branches of the industry.

B. C. hemlock is not a general utility wood in the sense that we speak of Douglas fir, but for the purpose to which it is adapted, no superior is found among competitive woods.

Of lower strength value and durability than Douglas fir, B. C. hemlock should not be used as heavy timbers nor exposed to weather conditions unless painted. There is this exception—hemlock timbers can be used with the utmost satisfaction for sub-flooring in dock construction if entirely immersed in water.

The heart and ring shake which are ever present in the Eastern hemlock are unknown in the B. C. variety. Possessed of exceptional ability to hold nails, resistant to splitting, it yields our finest common boards and excellent small dimension. As the size of the tree is less than that of other coast woods, so the knots are smaller and of better type.

When dry the wood is both odorless and tasteless and the lower grades of common lumber make excellent material for food containers and other types of boxes. The cuttings produced are of high grade and its strength, as compared to pine and spruce, combined with its resistance to splitting, have brought it an enviable reputation as a box material. Many millions of feet are utilized yearly for this purpose and considerable quantities of B. C. hemlock boxes have been shipped to the fruit growers of Ontario, proving highly satisfactory.

## Lends Itself to Interior Finish

It is, however, as an interior finish, in clear grades, that B. C. hemlock surpasses. Of slow, uniform growth and consequent even texture its grain is close and makes a splendid base for white enamel

finish. Because of its clean, bright, grey-white color, it lends itself to any color of stain which may be applied. French greys, the various oak, mission or mahogany finishes may be applied with unvarying satisfaction.

Because of its even texture, when flat varnish is used, the grain tones down giving a soft, quiet effect very pleasing and restful to the eye. In cabinet work, by using gloss varnish and rubbing with fine steel wool, the highest type of gloss or piano finish can be obtained.

The clear lumber of B. C. hemlock is of comparatively young growth and the surface hardens with exposure to the air. This characteristic enhances its value, particularly as flooring. Being resistant to any raising of the grain, clear hemlock provides the best of flat grain flooring. Within the Toronto offices of the British Co-



An average stand of British Columbia hemlock

lumbia Lumber Commissioner, No. 51 Yonge St., there has been installed the finest exhibit of Western woods to be found in Canada, or possibly, on the Continent. This exhibit has already been described in the pages of the "Canada Lumberman."

The walls of one of the rooms comprising this exhibit have been solid panelled with B. C. hemlock, using edge grain battens. The panel treatment is highly distinctive and effective and the result is a convincing proof of the beauty of this wood for interior finishing.

This impressive display is also a splendid tribute to its designer, Mr. Wm. Lyon Somerville, one of the most progressive and prominent architects of Toronto.

Previous to this work, Mr. Somerville had never seen B. C. hemlock installed as trim. Since he has designed hospitals at Hearst, Dryden and Orangeville, Ont., all of which are finished in hemlock. The Kapuskasing town planning project was designed by Mr. Somerville.



ville and the first unit of houses, costing \$135,000, are being finished throughout with hemlock, doors as well as trim. A community hall, church and other buildings are also projected and when built, will be finished in the same way.

The enthusiasm with which clear hemlock doors and trim have been received by Toronto contractors during the last few months has been nothing short of remarkable. The writer has talked to several contractors, some of whom made their first acquaintance with this wood in the Spring of last year, and without exception they have praised it highly.

They experimented first by using it to trim the second floors of moderate priced homes. Their satisfaction has been so complete that hemlock is now being used throughout in homes of moderate price and in the second floors of very expensive homes, hardwood generally being used on ground floors of homes of this class. Hemlock doors and trim have also been used to finish one or two apartment buildings, with the exception of the main stairway and front doors, which are of red oak. Some of these contractors have recently built homes for their own use and these homes have been finished in clear hemlock. In every instance, they have expressed satisfaction with the ease of cutting and nailing and the advantage of clear trim and doors which provide an excellent base for either white enamel or stained finish.

Because of similarity in coloring and grain tone cottonwood veneer panels are generally used in the making of hemlock doors. Where hemlock trim is used, any interior panelling is usually carried out in cottonwood veneer for the same reasons.

The proof of the pudding lies in the eating. B. C. hemlock has now passed the experimental stage and its value has been proven beyond dispute. Artificial prejudice has been overcome by concrete facts. The production of the hemlock of our Western forests has ceased to be a charge against the industry. When the transition is completed it will be in greater demand for the purposes to which it is adapted than any competing wood.

### Progressive Toronto Firm in New Location

There are many rapidly growing districts in Toronto and one of the most progressive is in the Danforth section where new homes and business blocks are springing up on all sides. Naturally there is a great deal of business in the lumber line in that area, and in order to take advantage of this rapidly-developing community, the Rastall Lumber Co., Limited, recently placed their new lumber yard and planing mill in an eligible location. They were formerly operating at 1072 Queen St. East, Toronto, and their new site at 2789 Danforth Ave., corner Dawes Road, is an ideal one. The plant represents the last word in construction and equipment.

The Rastall Lumber Co. have been in business for eleven years, being established in 1912 by Ross A. Rastall, who for a long period was manager of the Mickle, Dymont plant in Toronto. A few years ago Mr. Rastall retired from active executive participation in the business, and his son, R. A. W. Rastall, became managing-director of the Rastall Lumber Co. and has since guided the firm with good judgment and foresight.

The yard of the company, which some months ago was rough and uneven, has been carefully graded and well laid out. The buildings were erected by day labor and everything rounded rapidly into shape. Not only are the sheds, factory, etc., all new, but the equipment, as recently installed, is of the latest type. There are in the planing department, a planer, matcher, resaw, 26-inch planer, band saw, jointer, power feed rip saw and sticker, and in the sash and door department, a cut-off saw, variety rip saw, tenoner, sash and door sticker, chain mortiser, hollow chisel sash relisher and a belt sander. All of the equipment was supplied by Cowan & Co., of Galt.

The new mill is 85 x 98 feet in dimensions and close by is the power plant equipped with 150 h.p. Goldie & McCulloch engine and a John Inglis boiler. By means of a blower system installed by the Canadian Sirocco Co., of Windsor, Ont., all mill waste is conveyed to the furnace.

The Rastall Lumber Co. intend in the near future installing suitable dry kilns and erecting a new office and driveway on a 49-foot lane fronting on Danforth Ave. The company have good shipping facilities, a G.T.R. siding running through the main yard. There is a large storage shed convenient to the planing mill and the lumber, when taken from the machines, is easily conveyed by truck to the different racks on both sides of the storage room. The Rastall Lumber Co. have ample space across the street which they employ for piling rough lumber and their old yard on Queen St. East is also used at present as an auxiliary piling ground.

### Breezy Paragraphs in Short Shape

J. D. Manton, of Ottawa, is endeavoring to have a match factory erected in Sault Ste. Marie and has placed the proposition before the Board of Trade of that city.

The Mageau Lumber Co. have started operations in their new mill at Field, Ont., which replaces the one destroyed by fire some time ago. The plant will be operated night and day and it is expected that the output will be from 100,000 to 120,000 feet daily. The company have an unusually large number of logs which will be cut up into lumber.

The Abitibi Power & Paper Co., Limited, in recognition of the good work done by their employees in increasing the production of newsprint to over 500 tons a day, recently tendered them a banquet at Iroquois Falls, Ont. R. A. McInnes, manager of the company, presided and the event was a happy one, being attended by over 1,100 employees. Congratulatory speeches were made and an attractive programme carried out.

Injunction restraining the Western Timber Corporation Limited disposing of timber limits near Port Haney, B.C., which it agreed last February to sell to W. C. Webber of that locality for \$80,000, has been continued by Mr. Justice Murphy. On behalf of the company Mr. W. J. Baird applied to dissolve the injunction; but, at the conclusion of argument his lordship said he would read the authorities, the injunction continuing in the meantime.

The W. W. Powell Co., which operates a large match factory at Nelson, has taken over the sawmill at Cooper Creek, B.C., and has placed 20 men at work turning out lumber for the factory. In addition, the newly incorporated Nelson Lumber & Manufacturing Company, has taken over a mill which has been idle in Nelson; is installing machinery, and will within the next two weeks, begin a large contract of sawing logs for the match block plant.

Thirty-nine employees of Kirkland Lake, Ont., camp who were burned out several months ago, recently filed their names with the clerk of Teck Township in an effort to get sufficient lumber from the Northern Ontario Fire Relief Committee, their intention being to erect houses in Kirkland Lake. The families will, however, not be able to get the lumber as the committee has ruled that no lumber will be granted for building purposes outside the fire zone.

The St. John River recently went on the rampage and floods did great damage in New Brunswick. At Fredericton, the capital city, it is estimated that the loss will be from \$5,000,000 to \$10,000,000. Millions of feet of lumber floated down the river unchecked and the boom companies were unable to swing booms. This lumber will, probably, run out in the Bay of Fundy and much of it will be a total loss. Twenty-one provincial bridges were also swept away by the flood.

That 743,462 acres of forests were ravaged by 1,608 fires, which broke out in the course of last year, is the astounding fact brought out by the report issued recently by Hon. Mr. Mercier, minister of lands and mines. The report indicates that in May alone, last year, 552,506 acres were attacked by fires and that though the total area affected was less by a few acres than the previous year, the losses are said to have been heavier. The cost of fighting the fires reached over half a million dollars.

Timber cruising in the Algoma district will start later this year than usual and will not be under way until the end of May. A. H. Huckson, Crown Timber Agent, of Sault Ste. Marie, is in charge of the men in the work of cruising. Extensive work will be done on the Mississauga forest reserve and townships to the north as well as along the line of the Algoma Central Railway. During the past few days fire rangers have been despatched to many points in the Algoma and Sault division to take up their duties at the different stations.

James Thompson, of the Thompson & Heyland Lumber Co., Toronto, recently delivered an interesting address before the Kiwanis Club, of Toronto, on the resources of Canada. Mr. Thompson made special reference to the country's resources in paper and pulpwood, and declared that the Government was away behind the times in its policy of reforestation. In Europe to-day, the speaker stated, an up-to-date system prevailed to preserve the forest, but if the present policy continued in Canada, even this generation would live to learn that our forests could not continue for ever.

P. O'Brien and W. J. Murphy have engaged in a partnership under the name of the O'Brien Agencies, 421 Transportation Building, Montreal, as forwarding agents for export lumber shippers. Mr. O'Brien was for several years manager of the Montreal office of W. & J. Sharples, Limited, Quebec, exporters, and naturally has a wide acquaintance with the export trade. Mr. Murphy is an experienced and practical lumberman, carrying on business as the William J. Murphy Lumber Company. The O'Brien Agencies will thus act as agents and also carry on a wholesale lumber business.



## Major Herron Starts in Wholesale Line



R. B. Herron, Toronto

Major R. B. Herron has embarked in the wholesale lumber business in Toronto with offices at 33 Adelaide St. West. He will specialize in Ontario softwoods and also piling, cribbing and round timbers. Major Herron is well known in the lumber line and was until recently in charge of the manufacturing operations of R. B. Herron & Co., Tionaga, Ont., with which firm he still retains his interest. He has been in the lumber game all his life, starting in as a lumberjack and becoming a camp foreman. One of his first important posts was taking out a large quantity of logs for J. R. Booth in the Temiskaming district. Later he had charge of one of the big camps of Gillies Bros. after which for a couple of years he supervised the Temiskaming operations of

the Rideau Lumber Co. Major Herron next undertook several large contracts for supplying the piling, trestle and bridge timbers for the Canadian Transcontinental, the T. & N. O., the C.P.R. and C.N.R. and served for two years in France with the 7th Canadian Railways Troops, commanding one of the companies. On his return to Canada, in company with others, the firm of R. B. Herron & Co. was organized and has since been operating extensively at Mileage 122 and 125 on the Canadian National Railways west of Sudbury, the latter mill often being referred to as the "soldiers' sawmill" owing to the number of returned men employed there. During the past winter the company cut a large quantity of pulpwood for the Spanish River Pulp & Paper Mills.

## Lumber Companies at Pembroke are Busy

The Pembroke Lumber Co., Pembroke, Ont., have resumed operations and the Colonial Lumber Co. intend starting their plant in Pembroke about the middle of the present month. The Pembroke Lumber Co. will work a double shift this year. In former years the night gang was taken for granted, but during the war it was discontinued, and has not been resumed until the present. A motor has been installed to run the big gang saw and other improvements have been made which will considerably increase the daily output. About 400 men will be employed and the season's payroll will be in the neighborhood of \$200,000. The company will cut about 30,000,000 feet this year.

The Colonial Lumber Company's mill will also work at full capacity throughout the season. About 250 men will be engaged and the cut will be in the neighborhood of 21,000,000 feet. The payroll for the season will amount to about \$125,000.

## Fear Timber Famine in Near Future

A report just issued by the Forestry Commissioners, London, Eng., says the measures which are being adopted by various foreign countries indicate the existence of widespread apprehension of a timber famine at a no distant date, and also expresses the opinion that the results of such a famine would be more disastrous for the United Kingdom than for any other country.

The demand, continues the report, is constantly increasing, and virgin forests are being worked out far more rapidly than was expected, and adds: "There can be little doubt that the Government will in the near future have to choose between a resumption of a full planting program adopted by Parliament and taking a risk which no other country is prepared to take."

## Shantymen's Christian Association Elects Officers

At the annual meeting of the Shantymen's Christian Association, held recently in Toronto, the following officers for the coming year were elected,—President, H. B. Gordon, Toronto; vice-president, J. J. Gartshore, Toronto; secretary-treasurer, W. H. Adamson, Toronto; general superintendent, Wm. Henderson, Toronto; assistant superintendent, W. A. Fuller, Victoria, B.C.; assistant superintendent, T. M. Sutherland, Winnipeg; field superintendent and evangelist, L. R. MontGomerie, Detroit, Mich.

The Board of Directors is composed of the officers and the following:—

Dr. W. H. Howitt, Toronto; R. Wightman, Toronto; J. H. S. Kerr, Toronto; Jno. Wickson, Toronto; S. T. Smith, Winnipeg; W. T. Nobles, Edmonton; J. F. Bullock, St. John, N.B.; R. W. Sharpe, Vancouver, B.C.; C. A. Erickson, Chicago, Ill.; R. O'Brien, New York, N.Y.; W. O. Andrews, St. Louis, Mo.

The Shantymen's Christian Association is an organization of Christian men engaged in carrying the Gospel to lumber and construction camps, mines and rural communities all over the continent. The Association is about to issue a weekly magazine which will be known as "The Shantyman." This will be a connecting link between the friends of the organization and the workers, and also provide helpful and interesting reading for the men in the camps and isolated places. William Henderson, general superintendent of the S.C.A., Toronto, is the editor.

## Some Standard Thicknesses Recommended

Recommendations on sizes of so-called 1 in. and 2 in. lumber have been made by the Forest Products Laboratory, of Madison, Wisconsin, to the Central Committee on Lumber Standards. The recommendations are as follows and will be found interesting:—

**One-Inch Boards.**—It is believed that 13/16 inch is the minimum thickness which will give a reasonable degree of satisfaction for requirements of use, although an increased thickness will give greater service. It is also recognized that under best manufacturing conditions 13/16 inch is the maximum obtainable from boards cut one inch thick in the rough green condition. Furthermore, economic lumber distribution and forest conservation both demand that inch lumber when dressed be the maximum obtainable from the rough boards as sawed from the log.

Therefore, 13/16 inch is recommended as the finished dry thickness for so-called one-inch boards.

**Two-Inch Dimensions.**—It is believed that lumber 1 5/8 inches thick will satisfactorily meet the strength requirements of joist and studding, which uses govern the thickness of dimension; and that sizes in excess of 1 5/8 inches are wasteful. Therefore, 1 5/8 inches is recommended as the finished dry thickness for so-called "two-inch" dimension.

**Widths.**—It is believed that the dressed widths of one-inch lumber and two-inch dimensions should be the maximum obtainable under best manufacturing conditions. These are dressed widths of 3/8 inch scant on widths up to 7 inches and 1/2 inch scant on wider widths, and they should be the same nominal size for both one and two-inch lumber. Therefore these widths are recommended.

## Noted Manufacturer Joins Silent Majority

P. B. Yates, founder of the P. B. Yates Machine Co., Beloit, Wis., Passed away recently in a Chicago hospital where he had been undergoing treatment for some weeks. Pneumonia, following a general break-down, was the cause of his death.

Mr. Yates was 69 years of age, and the great industry which he built up is a credit to his genius, foresight and management. He began in a small way with only one model of machine and with a mechanical force of thirteen and a sales staff of one man. Today 1,200 persons are employed at the plant in Beloit, and 500 more at the Canadian factory in Hamilton, Ont. Mr. Yates was practically the sole owner of the business, and the only surviving member of his family is his daughter, Florence, now 15 years of age.

The management of the P. B. Yates Machine Co., announce that the plant will continue operations in the manufacture of woodworking machinery under the old policies without change.

## Death of Veteran Quebec Lumberman

W. D. Brown who passed away recently at his home 262 Grande Allee, Quebec, was widely known in lumber circles, having been engaged for half a century in the business. He was one of the members of the firm of J. & W. D. Brown until about four years ago when after the death of his brother, the present company of W. D. Brown & Sons was formed.

Mr. Brown was a man of integrity and candor, with a generous disposition and broad views. His wife predeceased him about twenty-five years and he is survived by his two sons, Collin and Fred Brown, both of whom are connected with their father's business.

The late Mr. Brown always took a great interest in military movements, having been a member of the Queen's Own Hussars at the early age of 18. Possessing a predominant love for animals, especially horses, he received the appointment of Rough Riding Sargeant in the W.O.C.H. and later attained the rank of Major. He was also a Fenian Raid veteran.



## Coast Mills Kept Busy on Orders



A. S. Nicholson, Toronto

"Conditions at the Coast in the lumber trade are reasonably brisk. The mills are not now receiving a large volume of business from any one source but as the result of large orders accepted early in the year, they find themselves fairly busy," said A. S. Nicholson, of Terry-Nicholson-Cates, Toronto, who recently returned from an extended business trip to the Pacific Coast where he visited a large number of plants and conferred with the western representatives of the firm. Mr. Nicholson added that, unfortunately, these orders do not carry as high a price as recent bookings. The mills, however, are obligated and decline to accept new business in large volume until these obligations are completed or nearly so. Prices on new business will be

governed entirely by the demand. In the course of further conversation Mr. Nicholson stated that conditions at the Coast have changed considerably as the result of water shipments. It is estimated that 75% of the lumber is going from the Coast by water to the Orient and to the Southern Pacific Coast; some of course, to the Atlantic Coast, but not in any large quantity as yet. This places the tide-water mills in a more favorable position than the inland mills which are compelled to rely on rail shipments.

In the Mountain district in the interior of B.C. where manufacturing is conducted very much as here in the East, conditions have not materially changed. There will not be as much lumber produced in the Mountain district as heretofore because of the fact that during last year and the year before the mills were not able to get enough for their lumber to cover their cost. Some have to discontinue operating and others have been forced out of business. It is only the mills that are very favorably situated so that their logging costs are low that have been able to survive.

On the whole the manufacturers in B.C. have not a very encouraging proposition, according to Mr. Nicholson. They have labor troubles such as are not known in the east. The I.W.W. is still a factor to contend with in the logging camps and is causing serious trouble at the present time which makes logging costs very high and hard to manage. On the other hand the nearest market of the Mountain mills—the Canadian Prairies—is sending them little or no business at present and it does not look as if there will be any prairie trade offering for some time to come. One would certainly have to be a great optimist not to admit that conditions in the Prairie provinces, especially in the Southern part of the provinces, are bad.

Insofar as British Columbia is concerned, business largely centres in Vancouver and the prospect for local trade there is good, perhaps better than any other place in Canada, with the exception of the Eastern Cities. There will be a large volume of B.C. lumber and shingles shipped to Ontario this year, but it will consist principally of lines that do not come too closely in competition with stock produced in Northern Ontario and Quebec.

## Large Consignment in Car of Lumber

The Columbia River Lumber Co., of Golden, B.C., shipped on March 24th last a car of stock from Golden to Parkdale, Ont. It was an ordinary 36 foot box car, C.P. 205289 and contained 40,342 feet of lumber, comprising 4,395 feet of 1 x 6, No. 1 common cedar V. & C. V. 2 S., and 35,945 feet of 1 x 4, No. 1 common cedar, V. 2 S. This is a big load for an ordinary 36-foot car, and the Columbia River Lumber Co. are wondering if it does not nearly constitute a record cargo. The "Canada Lumberman" would like to hear of other heavy shipments and the material loaded, in order to see which concern wins the championship in the matter of car consignments.

## New Hardwood Plant is Kept Busy

Since the saws started turning at the bidding of a 50 h.p. electric motor about two months ago the Star Flooring Co. located at 618 Brock Ave., Toronto, has not had a single idle hour. The new concern specializes exclusively in the production of carefully manufactured  $\frac{3}{8}$ " oak flooring and has a complete modern flooring unit. All the machines have recently been installed and are now running

at full capacity. They include the following: American flooring machine installed by the American Woodworking Machinery Co., of Rochester, N.Y. This planes both surfaces and tongues and grooves at a speed of 60 ft. per minute. The remaining equipment was installed by the Canada Machinery Corporation, of Galt, Ont., and includes an end matcher, a self feed resaw and two lightning cut off saws.

This equipment, in the hands of expert operators, is turning out 4,000 feet of finely matched oak flooring daily and the company is finding buyers as fast as the flooring is produced. Selling direct to the contractors, the Star Flooring Co. has a ready market for its product.

The firm has storage room in the basement and on the main floor for about two cars of rough material which is purchased, already kiln dried. The personnel of the company includes four partners, F. E. Harper, Sr., Earl Harper, Ralph Harper and A. E. Bazeley and all are actively employed in the business.

## New Name for Pembroke Industry

Some time ago Bryant and May, the largest manufacturers of matches in the British Empire, acquired control of the Canadian interests of Maguire, Paterson & Palmer, Pembroke. The company manufactures splints and matches. Now a change has been made in the name and the concern will in the future be known as the Canadian Splint & Lumber Co., Limited.

George W. Paton, of London, England, is president of the company, succeeding Sir Alex. Maguire; George Chahoon, president of the Laurentide Paper Co., Grand Mere, Que., is vice-president. Wm. A. Fairburn, of New York, is managing-director and A. G. Woodruff, of Pembroke is the secretary and general-manager. The directors are E. A. Dunlop, D. C. Snead, Sir Alex. Maguire and D. P. Maguire.

## Electric, Diesel and Steam Logging

The increased use of electricity in logging in California can best be gauged by the statement that 20 electric engines will be working this summer. It is interesting to observe in the case of The Pacific Lumber Co. installation that instead of employing the usual two-speed shift on the yarders and loaders, the change is attained by substituting motors with variable speeds. The innovation is being watched with interest.

California offers an excellent opportunity for the employment of electric log haulage due to the close proximity of electric power lines to logging operations. Cost of electric power is less than either coal, wood or oil. The elimination of the need of providing a water supply line and the lessened fire hazard are two important factors in favor of electrically operated engines where commercial power companies are located so as to make power readily available.

The upkeep of the electric motor should be less than that for steam boilers. The first cost of the electric donkey is greater than that of the steam engine, which must be reckoned in calculating depreciation. The electric logging engine has come to stay. Their use will increase as time goes forward. Progress is being made in the development of the Diesel engine with a view to adapting it to logging uses.

If these claims can be successfully sustained, the Diesel engine may find a steady and increasing field in the logging industry.

Steam has its advantages in resiliency and a command of reserve power. There is a place and a need for these three motive powers in logging and no single type possesses the combined advantages of all.

## Wholesale Lumbermen Hold Enjoyable Dance

The dance which was held under the auspices of the Entertainment Committee of the Wholesale Lumber Dealers' Association at the Metropolitan Assembly Rooms, College St., Toronto, on Friday April 27th was attended by about fifty couples and thoroughly enjoyed. Mitchell's orchestra provided splendid music and the floor was in excellent shape. The evening was a delightful one throughout and an entertaining feature was some legerdemain feats performed by Tom Bowyer who recently gave an exhibition of his skill in this line before the wholesale lumbermen at their last regular meeting.

The Entertainment Committee deserves every credit for the way in which the function was carried out, and arrangements are now being made for the annual picnic of the wholesalers which will likely be held at the Lake Shore Country Club during the end of June. L. D. Barclay is the energetic chairman of the Entertainment Committee and the other members are,—A. Smith, R. S. Plant, J. R. Carter and J. F. Wachter.



## BUDGET OF BRIEFS FROM NEAR AND DISTANT POINTS

Fire totally destroyed the planing mill of W. H. Slight at Stayner, Ont., recently. The loss is estimated at \$13,000 and is partly covered by insurance.

For the purpose of encouraging reforestation throughout Eastern Ontario 300,000 pine seedlings are being planted at the farm of the Kemptville Agricultural School, to be available for distribution to farmers next year. Upon ground belonging to the farm which is unfit for cultivation, 13,000 small trees, including pine, walnut, butternut and soft maple, are also being planted in co-operation with the forestry branch.

The New Way Flooring Company, Kitchener, Ont., is a new firm recently organized to lay, finish, and polish hardwood floors. Capital \$40,000.

Brewster Loud, of the Brewster Loud Lumber Co., Detroit, Mich., was in Toronto recently calling upon the trade.

Doolittle-Russell, Limited, builders' supply yard, located on the People's Brewery property at the north east end of Hamilton, Ont., are erecting a galvanized shed, a two car garage and a stucco office.

The A. E. Gordon Lumber Co. are now occupying their spacious rooms 1008-1009 in the new Federal Building, corner Richmond St. West and Sheppard St., Toronto. The Canadian General Lumber Co. have enlarged quarters at 1004-1005-1006 on the same floor. Other lumber concerns which will shortly move to this well-equipped office structure are:—R. C. Chesbro, Rooms 619; Larkin Lumber Co., 625-626; Leak & Co., 525-526; J. T. Todd, 620 and W. Y. Lloyd, 1023-1024.

Maple trees, a commemorative gift to the province of Quebec, are to grow on the Canadian battlefields of France and Belgium. Arrangements have now been completed by Hon. Honore Mercier, minister of lands and forests, to forward in the fall, which is said to be the most suitable season for such shipments, a large quantity of plants coming from the provincial government in Berthierville, Que.

B. Lewis and L. Cuttle, of Belmont, N.S., have been operating in the Mt. Thom district, N. S. They have already cut quite a large quantity of lumber and have over a million feet yet to cut.

Between forty-five and fifty million feet of logs are expected to be handled by the Southwest Miramichi Log Driving Corporation this season, according to estimates given by J. W. Brankley, Chatham, N.B. Officers of the Southwest Miramichi Driving Company elected last week are,— President, J. W. Brankley, Chatham; secretary, R. W. McLellan, Fredericton; treasurer, W. P. Eaton, Chatham. Estimates from other sources recently placed the quantity of logs likely to come out of the Northwest Miramichi this year at 35 million feet.

J. A. Rowland, of the Sprague-Rowland Lumber Co., Winnipeg, is moving to Toronto where he will take up his permanent residence. His company is opening an office at 620 Federal Building and will specialize in Western white pine and factory materials. D. B. Sprague will remain in charge of the Western Canada end of the business. Mr. Rowland has been engaged in the lumber line for nearly twenty years and is well known to the trade in Ontario.

Norman C. Hocken, of the Hocken Lumber Co., whose plant is located at West River, Ont., spent a few days in Toronto recently, and states that the mill has got off to a good start and will have an unusually large cut this season.

The shingle mills at Dalhousie, N.B., which have been closed down for the past two years, have reopened.

Isaac Hale, who is a member of the W. Mark DeCew Lumber Co., Vancouver, B.C., who are specializing in Western white pine, was a caller upon the lumber trade in Toronto and other cities during the past few days.

S. J. Staniforth, of the Fassett Lumber Co., Fassett, Que., spent a few days in Toronto lately on business.

Charles O. Maus, of South Bend, Ind., was in Toronto lately and reports that the trade outlook is exceptionally good.

William C. McDougall, manager of the Twin Falls Lumber Co., McDougall's Mills, Ont., transacted business in Toronto during the last few days.

R. G. Chesbro has removed his lumber offices from the Bank of Hamilton Building, Toronto, to 619 new, Federal Building where he has much larger and more commodious quarters.

It is reported that the C.P.R. is desirous of establishing a hard-



J. Herbert Irving, Buctouche,

Newly Elected Directors of New Brunswick Lumbermen's Association



T. H. McEvoy, Dalhousie,

wood industry in New Brunswick. The exact location has not been settled. It is understood that J. M. Woodman, district superintendent of the C.P.R., recently held a conference with several representative eastern lumbermen, all of whom approved of the idea and believe that something will come out of the proposition.

Chief Scaler A. T. Murchie lately returned from an official tour of Restigouche County, N. B., where he conferred with all the scalers. He reports that the cut on Crown Lands in the county totals about 90,000,000 feet, which with the cut on granted lands, makes a grand total of about 125,000,000 feet.

A new sawmill is in the course of erection at Trois Pistoles, Que. The building will be one storey of frame construction. N. Damours is the owner.

Fire caused \$5,000 damage and destroyed the sawmill of Mendoza Julien at Barrante, Que., recently. The owner expects to rebuild.

Sash, door and planing mill operators of Ottawa were notified recently by the agent of the Inside Woodworkers local of the District Council of Carpenters that bench hands and machine men will demand a 20 per cent increase in wages.

Senneterre Lumber Co., Limited, Quebec, Que., is a new firm recently formed to manufacture and deal in all kinds of forest products. Capital \$20,000.

J. R. Booth, Ltd., Ottawa, have started excavations for the erection of a new turbine building. The structure is expected to be finished about July.

York Mills Builders' Supplies Co., Limited, Toronto, was recently incorporated to manufacture and deal in lumber, shingles, poles, fence posts and other similar products. Capital \$40,000. D. G. Joy and W. Forsyth, are two of the incorporators.

A large party of cruisers have been surveying limits in the Gatineau district, in connection with a project for building a large pulp and paper mill, in which English capital will be invested, should the plans go through. These include the development of a water power.

The Minister of Lands and Forests for Ontario is calling for tenders for the right to cut timber in the township of Irish in the district of Algoma.

The first lumber shipments representing a million and a half feet out of Ottawa ports were made recently when five barges left with cargoes for Montreal and Burlington, Vermont. Part of the shipment was destined for England.

J. C. Scofield, of Windsor, has been appointed chairman for the coming year of the Insurance and Workmen's Compensation Committee of the Ontario Retail Lumber Dealers' Association, succeeding Walter C. Laidlaw, of Toronto, who has filled that position for a number of years and recently resigned.



# Lumber Trade Conditions Reviewed

## Montreal Lumber Conditions are Active and Firm

What is the immediate course of the market? Will prices further advance, or may dealers expect a reaction? These are questions which many wholesalers and retailers are asking. The expressions of opinion differ considerably—and are, no doubt, colored by the temperament of each individual. Many believe that prices will even advance until the new cut comes on to the market, and then we may look for a moderate set-back. On the other side, there are those of a more optimistic nature who venture the view that the new cut will have little or no influence on values, provided, of course, there is a fair demand. This type of dealer points out that the market is now almost bare of stock and that the new lumber will, therefore, only take care of ordinary requirements, not taking into account the possibility of a strong call for building and industrial purposes. Some wholesalers have received several substantial orders for the new cut at very good prices.

A percentage of retailers are holding their hands in the matter of buying. They have seen prices continually advancing but have not been inclined to take many risks. According to one large dealer, retailers as a rule are selling too low, that is, they are not asking prices which represent replacement values, and are, consequently, not taking the full advantage of a rising market.

The market generally continues to be active and firm. Wholesalers state that the chief difficulty is to secure desirable stocks, and that the mills have very little on hand, in fact in some lines they cannot get supplies.

There is promise of an excellent building season, provided the cost of supplies does not reach too high figures, and if the city and province does not lose many more skilled men to the States, lured there by the excessive wages paid under the stimulus of the boom. The permits taken out last month amounted to \$6,913,572, as compared with \$2,038,874, in the corresponding month last year. The striking increase is explained by the fact that three permits each exceeded the million mark,—the new Court House of the Provincial Government, \$2,364,000; a new apartment house, to be the largest in Canada, \$1,350,000, and a new office building, \$1,000,000. For the first four months of the year the total was \$9,720,000, as against \$3,752,107 in the corresponding period in 1922. Some further advances in wages have been made and there seems a disposition for employers and men to get together.

The exports of pulpwood for March totalled 113,493 cords, valued at \$983,436. For the fiscal year ended March 31st, the total was 1,096,462 cords, of a value of \$10,755,655, compared with 825,967 cords and \$9,879,150, for the previous year. The consumption is going on at a great rate owing to the heavy demand for newsprint, and with the additions to paper mills and the contemplated new plants, this consumption is likely to be accelerated.

## New Prices at St. John Show Several Advances

There is considerable fluctuating in the prices of lumber as a result of the heavy demand and the fact that unprecedented conditions prevailing may keep local saw mills from operating for some weeks. A new price list shows that small sizes of rough merchantable spruce has advanced from the old quotation \$28 to \$33, while a corresponding increase is shown for dressed one edge. Dressed spruce on all four sides remains at \$34, but sizes from 2x 6 to 4 x 6 shows an increase of four dollars. Sizes 2 x 9 to 7 x 7 advanced two dollars, while refuse boards, deals and scantlings advanced from \$20 to \$23.

The great demand for laths continues and as a result the price has been steadily advancing until it is now \$7.50. Very heavy orders are being filled here for points in the New England States and Long Island and recent sailings shows shipments of over six million.

There is still a good demand for shingles, but the stock has been rapidly depleted and at present is nearly all cleaned up. However, as soon as the mills resume operations all orders will be quickly attended to.

One of the features of the advance in lumber prices may or may not be attributed to the fact that mill employes in St. John are holding out for an increase in wages. Last season a sixty cent per

day cut went into effect and although an increase of ten per cent was offered it was not acceptable. If the men persist in holding out for increased wages the additional expense will have to be borne by the consumers as the margin on most lumber today is small and manufacturers would be unable to continue operations without a loss.

Another cause for an advance may result from the tremendous loss of logs, which has resulted from flood conditions. Millions of feet have broken away from the booms and even if the majority are recovered their salvage will add to the original cost of operations.

The overseas demand for lumber has fallen away off, but this is more than offset by the United States requisitions. The heavy demand for laths is undoubtedly due to the enormous building operations being carried on in the United States. If this continues it is expected that there will be a good demand for various sizes of lumber.

The recent flood conditions, which have disrupted the operations of the C.P.R. and the Maine Central Railway has caused a set back to local shippers. They have large orders to fill, but as there is no freight movement a tie up, at least temporary, has resulted. These orders will be rushed forward as soon as conditions return to normal.

Mill owners along the St. John river front at Indiantown have to face an additional expense due to the abnormal freshet. Piles of lumber have been undermined by the rush of water and have toppled over and crews of men have been engaged keeping the manufactured product from floating away. When the tide recedes it will necessitate repiling which all adds to the overhead expenses.

The mill owners have a considerable quantity of stock on hand, but from indications mills may not start for another month and if such is the case their supply, in some lines at least, will be greatly depleted.

Lumber dealers when interviewed spoke optimistically on the conditions of the market at the present time. They pointed out that the call for some dimensions was so great that it was impossible to supply it. Spruce, they claim, is greatly in demand.

The expense of getting logs out of the woods last winter was higher than anticipated. This was due to an exceptionally hard winter, excessive fall of snow, the price of labor, and feed for the horses. It is estimated that it cost from \$1.50 to \$2.00 per thousand more than was anticipated last fall.

Recent reports received here says that the Boston market for dimension spruce is showing the vigor expected of it at this season of the year.

There is a report current that one St. John dealer recently disposed of 1,500,000 feet of narrow random at \$42 delivered on the Boston rate of freight less commission. The price for scantling from this province in the United States is quoted at \$41.

## Conditions in Ontario Strong With Good Outlook

Conditions in the lumber market remain about the same. There is a quiet, hopeful tone pervading all ranks and some disposition to look into the future and speculate on what will be the outcome when new dry stocks arrive on the market. Most sawmills are now under way for the season, having got off to a good start during the past few days. A number in Northern Ontario have not yet been able to commence cutting owing to the ice being rather slow to break up. There is an ample supply of men, it is reported at most milling points, and in some cases advances in wages have been granted from 10 to 15 per cent.

Of course, the strength of the lumber market depends upon two factors, building operations and industrial activities. Whether the extensive structural schedule which is being carried out in the larger centres both in Canada and the United States will extend beyond fall months, is problematical. Some authorities declare that energy will have spent itself by that time and the feverish demand, which has been existent for certain classes of lumber so that a shortage has been created in many widths and thicknesses, will have disappeared.

The next month or two will tell the tale whether the present values in lumber will be maintained. During the last six months there has been an average increase of \$6.00 per M in Jack pine; \$6.00 to \$8.00 in hemlock; \$8.00 to \$10.00 in spruce and from \$5.00



# CURRENT LUMBER PRICES—WHOLESALE

## TORONTO

### White Pine

(In Car Load Lots, F.O.B. cars Toronto)

1 x 4/7 Good Strips	\$110.00	\$115.00
1 1/4 & 1 1/2 x 4/7 Good Strips	135.00	140.00
1 x 8 and up Good Sides	155.00	165.00
2 x 4/7 Good Strips	135.00	150.00
1 1/4 & 1 1/2 x 8 and wider Good Sides	185.00	190.00
2 x 8 and wider Good Sides	195.00	210.00
1 x 7 & up No. 1, 2 and 3 cuts	87.00	90.00
5/4 and 6/4 No. 1, 2 and 3 cuts	100.00	105.00
2 in. No. 1, 2 and 3 cuts	115.00	120.00
1 x 4 and 5 Mill Run	55.00	60.00
1 x 7, 9 and 11 Mill Run	55.00	60.00
1 x 8 Mill Run	58.00	63.00
1 x 10 Mill Run	60.00	65.00
1 x 12 Mill Run	66.00	70.00
5/4 and 6/4 x 5 and up Mill Run	61.00	62.00
2 x 4 Mill	56.00	60.00
2 x 6 Mill Run	58.00	62.00
2 x 8 Mill Run	59.00	63.00
2 x 10 Mill Run	62.00	65.00
2 x 12 Mill Run	67.00	71.00
1 in. Mill Run Shrots	36.00	38.00
1 x 4 and up 6/16 No. 1 Mill Culls	36.00	38.00
1 x 10 6/16 No. 1 Mill Culls	42.00	43.00
1 x 12 6/16 No. 1 Mill Culls	42.00	43.00
1 x 4 and up 6/16 No. 2 Mill Culls	29.00	30.00
1 x 10 12 6/16 No. 2 Mill Culls	33.00	34.00
1 x 4 & up 6/16 No. 3 Mill Culls	17.00	18.00

### Red Pine

(Rough)

(In Car Load Lots, F.O.B. Toronto)

1 x 4 and 5 Mill Run	40.00	42.00
1 x 6 Mill Run	41.00	42.00
1 x 8 Mill Run	44.00	45.00
1 x 10 Mill Run	47.00	49.00
2 x 4 Mill Run	41.00	42.00
2 x 6 Mill Run	42.00	43.00
2 x 8 Mill Run	44.00	45.00
2 x 10 Mill Run	49.00	50.00
2 x 12 Mill Run	50.00	51.00
1 in. Clear and Clear Face	75.00	76.00
2 in. Clear and Clear Face	80.00	82.00

### Jack Pine

Mill Run (mill culls and dead culls out)		
2 x 4	39.00	40.00
2 x 5	40.00	41.00
2 x 6	41.00	42.00
2 x 8	44.00	45.00
2 x 10	46.00	48.00
1 x 4 and wider	37.00	39.00
Mill Culls and Sound Wormy		
1 x 4 & wider	32.00	33.00
2 x 4 & wider	33.00	34.00

### (Spruce Rough and Dressed)

Mill Run (mill culls and dead culls out)		
1 x 4, and 5	40.00	42.00
1 x 6	42.00	44.00
1 x 8	45.00	47.00
1 x 10	47.00	49.00
1 x 12	50.00	51.00
2 x 4	38.00	41.00
2 x 6	41.00	43.00
2 x 8	43.00	45.00
2 x 10	46.00	48.00
2 x 12	48.00	50.00

### Mill Culls

1 x 4 and up No. 1	32.00	33.00
2 x 4 and up No. 1	33.00	34.00

### Hemlock (M R)

(In Car Load Lots, F.O.B. Toronto)

1 x 4 and 5, 9 to 16 ft.	31.00	32.00
1 x 6, 9 to 16 ft.	36.00	38.00
1 x 7, 9 and 11, 9 to 16 ft.	37.00	38.00
1 x 8, 9 to 16 ft.	38.00	41.00
1 x 10 and 12, 9 to 16 ft.	40.00	42.00
2 x 6, 8 to 16 ft.	38.00	40.00
2 x 4, 8, 10 and 12	38.00	40.00
2 x 4 to 12, 18 ft.	45.00	46.00
2 x 4 to 12, 20 ft.	46.00	47.00
1 in. No. 2, 6 to 16 ft.	26.00	28.00
2 in. No. 2, 6 to 16 ft.	30.00	32.00

### Fir Flooring

(In Car Load Lots, F.O.B. Toronto)

Fir flooring, 1 x 3 in. No. 2 and better, edge grain	\$ 78.00	
Fir flooring, 1 x 4 in. No. 2 and better, edge grain	75.00	
Fir flooring, 1 x 3 in. No. 2 and better, flat grain	59.00	
Fir flooring, 1 x 4 in. No. 2 and better, flat grain	62.00	
1 x 4 to 12 in. No. 2 and better, clear fir, Rough	\$84.50	

1 1/4 x 4 to 12 in. No. 2 and better, clear fir, rough	90.50
2 x 4 to 12 in. No. 2 and better, clear fir, rough	86.50
3 x 4 to 12 in. No. 2 and better, clear fir, rough	94.50
1 x 4, 5 and 6 in. fir casing	81.75
1 x 8 and 10 in. fir base	86.25
1/2 x 6, 8 to 18 ft. No. 1 and 2 clear cedar bevel siding	53.00
1 1/4 and 1 1/2 8, 10 and 12 in. E. G. Stepping	97.25
1 1/4 and 1 1/2 8, 10 and 12 in. E. G. Stepping	87.25
1 x 4 to 12 in. clear fir dressed 4 sides	80.25
1 1/4 and 1 1/2 x 4 to 12 in. clear fir D4S	84.00
XX Shingles, 6 butts to 2 in. per M	3.60
XXX Shingles, 6 butts to 2 in. per M	5.50
XXXXX Shingles, 5 butts to 2 in. per M	6.35

### Lath

(F.O.B. Mill)

No. 1 White Pine	\$ 11.50	\$ 12.50
No. 2 White Pine	10.50	11.00
No. 3 White Pine	9.00	9.50
Mill Run White Pine, 32 in.		5.00
Merchantable Spruce Lath, (Ontario)	6.50	7.00

## TORONTO HARDWOOD PRICES

The prices given below are for car loads f.o.b. Toronto, from wholesalers to retailers, and are based on a good percentage of long lengths and good widths, without any wide stock having been sorted out.

### Ash, White

(Dry weight 3,800 lbs. per M. ft.)

	1s & 2s	No. 1 Com.	No. 2 Com.
1"	\$115.00	\$ 65.00	\$ 40.00
1 1/4 and 1 1/2"	120.00	70.00	45.00
2 1/2 and 3"	125.00	75.00	50.00
4"	130.00	80.00	55.00

### Ash, Brown

1"	100.00	60.00	35.00
1 1/4 and 1 1/2"	110.00	65.00	40.00
2"	120.00	75.00	45.00

### Birch

(Dry weight 4,000 lbs. per M. ft.)

	1s & 2s	Sels.	No. 1 Com.	No. 2 Com.
4/4	\$115.00	\$ 70.00	\$ 50.00	\$ 30.00
5/4	120.00	75.00	52.00	32.00
6/4	120.00	75.00	52.00	32.00
8/4	125.00	80.00	60.00	37.00
12/4	135.00	90.00	65.00	40.00
16/4	135.00	90.00	65.00	40.00

### Basswood

(Dry weight 2,500 lbs. per M. ft.)

	1s & 2s	No. 1 Com.	No. 2 Com.
4/4	\$ 90.00	\$ 55.00	\$ 35.00
5/4 and 6/4	95.00	60.00	40.00
8/4	100.00	70.00	45.00

### Chestnut

(Dry weight 2,800 lbs. per M. ft.)

	1s & 2s	No. 1 Com.	Sound Wormy
1"	\$145.00	\$100.00	\$ 40.00
1 1/4 to 1 1/2"	160.00	110.00	43.00
2"	165.00	115.00	45.00

### Maple, Hard

(Dry weight 4,000 lbs. per M. ft.)

	F.A.S.	Sels.	No. 1 Com.	No. 2 Com.
4/4	\$ 90.00	\$ 70.00	\$ 50.00	\$ 30.00
5/4	95.00	75.00	55.00	32.00
6/4	95.00	75.00	55.00	32.00
8/4	100.00	80.00	60.00	35.00
12/4	110.00	90.00	70.00	40.00
16/4	110.00	90.00	70.00	40.00

### Elm, Soft

(Dry weight 3,000 lbs. per M. ft.)

	1s & 2s	No. 1 Com.	No. 2 Com.
4/4	\$ 85.00	\$ 55.00	\$ 30.00
8/4	85.00	55.00	30.00
12/4	120.00	90.00	50.00

### Gum, Red

(Dry weight 3,300 lbs. per M. ft.)

	Plain	No. 1 Com.	Quartered—No. 1 Com.
1s & 2s			
1"	\$115.00	\$ 70.00	\$120.00
1 1/4"	120.00	75.00	130.00
1 1/2"	125.00	80.00	135.00
2"	130.00	85.00	140.00

### Gum, Sap

	1s & 2s	No. 1 Com.
1"	\$ 65.00	\$ 55.00
1 1/4 and 1 1/2"	73.00	63.00
2"	83.00	73.00

### Hickory

(Dry weight 4,500 lbs. per M. ft.)

	1s & 2s	No. 1 Com.
1"	\$125.00	\$70.00
1 1/4"	145.00	70.00
1 1/2"	145.00	75.00
2"	150.00	80.00

### Quarter Cut Red Oak

	1s & 2s	No. 1 Com.
4/4	\$145.00	\$ 85.00
5/4 and 6/4	155.00	90.00
8/4	170.00	95.00

### Plain White and Red Oak

(Plain sawed. Dry weight 4,000 lbs. per M. ft.)

	1s & 2s	No. 1 Com.
4/4	140.00	90.00
5/4 and 6/4	155.00	95.00
8/4	165.00	100.00
10/4	170.00	105.00
12/4	180.00	110.00
16/4	190.00	115.00

### White Oak, Quarter Cut

(Dry weight 4,000 lbs. per M. ft.)

	1s & 2s	No. 1 Com.
4/4	\$165.00	\$ 95.00
5/4 and 6/4	175.00	105.00
8/4	180.00	110.00

## OTTAWA

Manufacturers' Prices  
Pine

Good sidings:	
1 in. x 7 in. and up	\$140.00
1 1/4 in. and 1 1/2 in. 8 in. and up	170.00
2 in. x 7 in. and up	175.00
No. 2 cuts 2 x 8 in. and up	90.00 95.00

Good strips:	
1 in.	110.00
1 1/4 in. and 1 1/2 in.	135.00
2 in.	145.00

Good shorts:	
1 in. x 7 in. and up	100.00
1 in. 4 in. to 6 in.	85.00
1 1/4 in. and 1 1/2 in.	140.00
2 in.	145.00
7 in. to 9 in. A sidings	54.00 56.00
No. 1 dressing sidings	75.00 80.00
No. 1 dressing strips	65.00
No. 1 dressing shorts	55.00 60.00
1 in. x 4 in. s.c. strips	52.00
1 in. x 5 in. s.c. strips	50.00
1 in. x 6 in. s.c. strips	55.00
1 in. x 7 in. s.c. strips	54.00
1 in. x 8 in. s.c. strips, 12 to 16 ft.	56.00
1 in. x 10 in. M.R.	62.00
S.C. sidings, 1 1/2 and 2 in.	65.00
S.C. strips 1 in.	48.00 50.00
1 1/4, 1 1/2 and 2 in.	58.00
S.C. shorts, 1 x 4 to 6 in.	40.00
S.C. and bet., shorts 1 x 5	43.00
S.C. and bet., shorts 1 x 6	45.00
S.C. shorts, 6-11 ft., 1 x 10 in.	50.00

Box boards:	
1 in. x 4 in. and up, 6-11 ft.	35.00
1 in. x 3 in. and up 12-16 ft.	39.00

Mill cull shorts, 1 in. x 4 in. and up, 12 ft. and up	30.00
Mill culls, strips and sidings, 1 in. up, 6 ft. to 11 ft.	30.00
O. culls r and w p	23.00 24.00

### Red Pine, Log Run

Mill Culls out, 1 in.	38.00	40.00
Mill Culls out, 1 1/4 in.	38.00	40.00
Mill Culls out, 1 1/2 in.	38.00	40.00
Mill Culls out, 2 in.	38.00	40.00

### Mill Run Spruce

1 in x 4 in. and up, 6 ft. to 11 ft.	30.00	35.00
1 in. x 4 in. and up, 12 ft. to 16 ft.	38.00	40.00
No. 1 White Pine, 1 1/4 in. x 4 ft.		12.00



# CURRENT LUMBER PRICES—WHOLESALE

1" x 9"-10" and up, 12 ft.-16 ft. . .	43.00
1 1/4" x 7, 8 and 9" up, 12 ft.-16 ft. . .	40.00
1 1/4" x 10 and up, 12 ft.-16 ft. . . . .	43.00
1 1/2" x 12" x 12" and up, 12'-16'	50.00
Spruce, 1 in. clear fine dressing and B . . . . .	65.00
Hemlock, 1 in. cull . . . . .	22.00
Hemlock, 1 in. log run . . . . .	24.00
Hemlock, 2 x 4, 6, 8, 10 12/16 ft. . .	30.00
Tamarac . . . . .	25.00
Basswood, log run, dead culls out . .	45.00
Basswood, log run, mill culls out . .	50.00
Birch, log run . . . . .	60.00
Soft Elm, common and better, 1, 1 1/2, 2 in. . . . .	58.00
Ash, black, log run . . . . .	62.00
1 x 10 No. 1 barn . . . . .	57.00
1 x 10 No. 2 barn . . . . .	51.00
1 x 8 and 9 No. 2 barn . . . . .	47.00

## Lath per M.:

No. 1 White Pine, 1 1/4 in. x 4 ft. . . . .	12.00
No. 2 White Pine . . . . .	11.00
Mill Run White Pine . . . . .	10.00
Spruce, mill run, 1 1/2 in. . . . .	10.00
Red Pine, mill run . . . . .	10.00
Hemlock, mill run . . . . .	7.00

## White Cedar Shingles

XXXX, 18 in. . . . .	7.00
Clear butt 18 in. . . . .	6.00
18 in. XX . . . . .	4.00

## QUEBEC

### White Pine (At Quebec)

	Cts.	Per Cubic Ft.
First class Ottawa waney, 18 in. average according to lineal . .	100	110
19 in. and up average . . . . .	110	120

### Spruce Deals (At Mill)

3 in. unsorted, Quebec, 4 in. to 6 in. wide . . . . .	\$25.00	\$27.00
3 in. unsorted, Quebec, 7 in. to 8 in. wide . . . . .	28.00	30.00
3 in. unsorted, Quebec, 9 in. wide . .	35.00	40.00

### Oak (At Quebec)

	Cts.	Per Cubic Ft.
According to average and quality, 55 ft. cube . . . . .	125	130

### Elm (At Quebec)

According to average and quality, 40 to 45 ft. cube . . . . .	130	140
According to average and quality, 30 to 35 ft. . . . .	100	125

### Export Birch Planks (At Mill)

1 to 4 in thick, per M. ft. . . . .	\$35.00	\$40.00
-------------------------------------	---------	---------

## ST. JOHN, N.B.

### (From Yards and Mills—Wholesale) Rough Lumber

2x3, 2x4, 3x3, 3x4, Rgh. Merch. Spr. .	\$33.00
2x3, 2x4, 3x3, 3x4, Dressed 1 edge . .	34.00
2x3, 2x4, 3x3, 3x4, Dressed 4 sides . .	34.00
2x6, 2x7, 3x5, 4x4, 4x6, all rough . .	32.00
2x8, 3x7, 5x5, 6x6 . . . . .	38.00
2x9, 3x8, 5x8, 7x7 . . . . .	40.00
2x10, 3x9 . . . . .	40.00
2x12 and up . . . . .	45.00
Merch. Spr. Bds. Rough, 1x3-4&5 . . . .	30.00
Merch. Spr. Bds. Rough, 1x7 & up . . . .	40.00
Refuse Bds. Deals and Setgs . . . . .	23.00
Above Random lengths up to 18-0 long. Lengths 19-0 and up \$5.00 extra per M. Laths, \$7.50 . . . . .	

### Shingles

	Per M.
Cedar, Extras . . . . .	\$5.75
Cedar, Clears . . . . .	4.75
Cedar, 2nd Clears . . . . .	3.75
Cedar, Extra No. 1 . . . . .	2.25
Spruce . . . . .	3.25

## SARNIA, ONT.

### White Pine—Fine, Com. and Better

1 x 6 and 8 in. . . . .	\$125.00
1 in. 8 in. and up wide . . . . .	145.00
1 1/4 and 1 1/2 in. and up wide . . . . .	185.00
2 in. and up wide . . . . .	185.00

### Cuts and Better

4/4 x 8 and up No. 1 and better . . . .	140.00
5/4 and 6/4 and up No. 1 and better . .	156.00
8/4 and 8 and up No. 1 and better . . .	156.00

### No. 1 Cuts

1 in. 8 in. and up wide . . . . .	125.00
1 1/4 in. 8 in. and up wide . . . . .	130.00
1 1/2 in. 8 in. and up wide . . . . .	130.00
2 in. 8 in. and up wide . . . . .	135.00
2 1/2 in. and 3 in. 8 in. and up wide . .	180.00
4 in. 8 in. and up wide . . . . .	190.00

### No. 1 Barn

1 in., 10 to 16 ft. long . . . . .	\$ 75.00	\$ 85.00
1 1/4, 1 1/2 and 2 in., 10/16 ft. . . . .	80.00	85.00
2 1/2 to 3 in., 10/16 ft. . . . .	85.00	100.00

### No. 2 Barn

1 in., 10 to 16 ft. long . . . . .	65.00	75.00
1 1/4, 1 1/2 and 2 in., 10/16 ft. . . . .	66.00	66.00
2 1/2, 1 1/2 and 3 in. . . . .	85.00	85.00

### No. 3 Barn

1 in., 10 to 16 ft. long . . . . .	48.00	55.00
1 1/4, 1 1/2 and 2 in., 10/16 ft. . . . .	50.00	56.00

### Box

1, 1 1/4 and 1 1/2 in., 10/16 ft. . . . .	40.00	45.00
---	-------	-------

### Mill Culls

1 in. 4 in. and up wide, 6/16 ft. . . . .	31.00
1 1/4, 1 1/2 and 2 in. . . . .	32.00

## BUFFALO and TONAWANDA

### White Pine Wholesale Selling Price

Uppers, 4/4 . . . . .	\$225.00
Uppers, 5/4 to 8/4 . . . . .	225.00
Uppers, 10/4 to 12/4 . . . . .	250.00
Selects, 4/4 . . . . .	200.00
Selects, 5/4 to 8/4 . . . . .	200.00
Selects, 10/4 to 12/4 . . . . .	225.00
Fine Common, 4/4 . . . . .	165.00
Fine Common, 5/4 . . . . .	180.00
Fine Common, 6/4 . . . . .	180.00
Fine Common, 8/4 . . . . .	180.00
No. 1 Cuts, 4/4 . . . . .	130.00
No. 1 Cuts, 5/4 . . . . .	140.00
No. 1 Cuts, 6/4 . . . . .	150.00
No. 1 Cuts, 8/4 . . . . .	160.00
No. 2 Cuts, 4/4 . . . . .	77.00
No. 2 Cuts, 5/4 . . . . .	107.00
No. 2 Cuts, 6/4 . . . . .	107.00
No. 2 Cuts, 8/4 . . . . .	122.00
No. 3 Cuts, 5/4 . . . . .	65.00
No. 3 Cuts, 6/4 . . . . .	75.00
No. 3 Cuts, 8/4 . . . . .	75.00
Dressing 4/4 . . . . .	85.00
Dressing, 4/4 x 10 . . . . .	88.00
Dressing, 4/4 x 12 . . . . .	105.00
No. 1 Moulding, 5/4 . . . . .	155.00
No. 1 Moulding 6/4 . . . . .	155.00
No. 1 Moulding 8/4 . . . . .	160.00
No. 2 Moulding, 5/4 . . . . .	125.00
No. 2 Moulding, 6/4 . . . . .	125.00
No. 2 Moulding, 8/4 . . . . .	130.00
No. 1 Barn, 1 x 12 . . . . .	95.00
No. 1 Barn, 1 x 6 and 8 . . . . .	77.00
No. 1 Barn, 1 x 10 . . . . .	85.00
No. 2 Barn, 1 x 6 and 8 . . . . .	65.00
No. 2 Barn, 1 x 10 . . . . .	66.00
No. 2 Barn, 1 x 12 . . . . .	79.00
No. 3 Barn, 1 x 6 and 8 . . . . .	52.00
No. 3 Barn, 1 x 10 . . . . .	54.00
No. 3 Barn, 1 x 12 . . . . .	57.00
No. 1 Box 1 x 6 and 8 . . . . .	45.00
No. 1 Box 1 x 10 . . . . .	46.00
No. 1 Box 1 x 12 . . . . .	48.00
No. 1 Box 1 x 13 and up . . . . .	49.00

## BUFFALO

The following quotations on hardwoods represent the jobber buying price at Buffalo and Tonawanda.

### Sap Birch

1 in . . . . .	\$ 90.00	\$ 55.00	\$ 32.00
5/4 and up . . . . .	100.00	58.00	32.00

## Maple

	1s & 2s	No. 1 Com.	No. 2 Com.
1 in. . . . .	\$ 95.00	\$ 60.00	\$ 32.00
5/4 to 8/4 . . . . .	105.00	65.00	35.00
10/4 to 4 in. . . . .	110.00	70.00	35.00

## Soft Elm

1 in. . . . .	70.00	45.00	30.00
5/4 to 2 in. . . . .	75.00	50.00	30.00

## Red Birch

1 in. . . . .	120.00	75.00	
5/4 and up . . . . .	125.00	80.00	

## Basswood

1 in. . . . .	\$ 85.00	\$ 52.00	\$ 32.00
5/4 to 2 in. . . . .	90.00	58.00	32.00

## Plain Oak

1 in. . . . .	105.00	65.00	35.00
5/4 to 2 in. . . . .	115.00	70.00	38.00

## White Ash

1 in. . . . .	95.00	60.00	35.00
5/4 to 2 in. . . . .	105.00	70.00	35.00
10/4 and up . . . . .	125.00	95.00	35.00

## BOSTON

Quotations given below are for highest grades of Michigan and Canadian White Pine and Eastern Canadian Spruce as required in the New England market in car loads.

White Pine Uppers, 1 in. . . . .	\$232.00
White Pine Uppers, 1 1/4, 1 1/2, 2 in. . .	232.00
White Pine Uppers, 1 1/4, 1 1/2, 2 in. . .	255.00
Selects, 1 in. . . . .	207.00
Selects, 1 1/4, 2 in. . . . .	207.00
Selects, 2 1/2, 3 in. . . . .	232.00
Fine Common, 1 in. 20% 12 in. and up .	188.00
Fine Common, 1 x 8 and up . . . . .	188.00
Fine Common, 1 1/4 to 2 in. . . . .	193.00
Fine Common, 2 1/2 to 3 in. . . . .	233.00
Fine Common, 4 in. . . . .	258.00
1 in. Shaky Clear . . . . .	120.00
1 1/4 in. to 2 in. Shaky Clear . . . . .	130.00
1 in. No. 2 Dressing . . . . .	90.00
1 1/4 in. to 2 in. No. 2 Dressing . . . . .	100.00
No. 1 Cuts 1 in. . . . .	148.00
No. 1 Cuts, 1 1/4 to 2 in. . . . .	163.00
No. 1 Cuts, 2 1/2 to 3 in. . . . .	193.00
No. 2 Cuts, 1 in. . . . .	95.00
No. 2 Cuts, 1 1/4 to 2 in. . . . .	135.00
Barn Boards, No. 1, 1 x 12 . . . . .	108.00
Barn Boards, No. 1, 1 x 10 . . . . .	96.00
Barn Boards, No. 1, 1 x 8 . . . . .	95.00
Barn Boards No. 2, 1 x 12 . . . . .	81.00
Barn Boards, No. 2, 1 x 8 . . . . .	75.00
Barn Boards, No. 2, 1 x 10 . . . . .	76.00
Barn Boards, No. 3, 1 x 12 . . . . .	60.00
Barn Boards, No. 3, 1 x 10 . . . . .	60.00
Barn Boards, No. 3 1 x 8 . . . . .	58.00

## No. 1 Clear

Can. Spruce, No. 1 and clear, 1 x 4 to 9" .	\$85.00
Can. Spruce, 1 x 10 in. . . . .	90.00
Can. Spruce, No. 1, 1 x 4 to 7 in. . . . .	86.00
Can. Spruce, No. 1, 1 x 8 and 9 in. . . . .	88.00
Can. Spruce, No. 1, 1 x 10 in. . . . .	90.00
Can. Spruce, No. 2, 1 x 4 and 5 in. . . . .	40.00
Can. Spruce, No. 2 1 x 6 and 7 in. . . . .	42.00
Can. Spruce, No. 2, 1 x 8 and 9 in. . . . .	45.00
Can. Spruce, No. 2, 1 x 10 in. . . . .	46.00
Can. Spruce, No. 2, 1 x 12 in . . . . .	47.00

## Spruce Dimension

8" & under 20' & under \$48.00 to \$50.00 base.	
9" & under 20' & under 49.00 to 51.00 base.	
10" & under 20' & under 50.00 to 52.00 base.	

## Merchantable Spruce

2 x 3, 4, 6 and 7 random . . . . .	\$39.00 to \$42.00
2 x 8 and 9 random . . . . .	48.00 to 50.00
2 x 10 random . . . . .	50.00 to 52.00
2 x 12 random . . . . .	52.00 to 53.00
All other random lengths, 7 in. and under 8 ft. and up . . . . .	40.00 43.00
5 in. and up merchantable boards, 8 ft. and up, D 1s . . . . .	38.00 40.00
1 x 2 . . . . .	40.00 42.00
1 x 3 . . . . .	38.00 40.00
1 1/4 in. Spruce Lath . . . . .	9.50 10.00
1 1/2 in. Spruce Lath . . . . .	8.50 9.00

## New Brunswick Cedar Shingles

Extras . . . . .	\$ 6.25	\$ 6.50
Clears . . . . .	5.25	5.75
Second Clears . . . . .		3.75
Clear White . . . . .	3.90	4.00



to \$20.00 in white pine according to the grade which is being sold.

There is quite a scarcity of 2 x 8 and 2 x 10 in 10 and 16-foot lengths of jack pine and hemlock. Many yards are out of odd sizes completely and are scouring the market for supplies, the lumber in some cases passing through three or four hands before the wants of the buyer can be met. During the present month retail yardmen are not buying heavily as they are pretty well stocked up. Purchasing is being done on a cautious basis, having in view the conditions prevailing at the present the building situation, the new crop of lumber, augmented production and the trend of industrial affairs.

It is reported that the demand in the New England States which has been the chief outlet for Canadian spruce and white pine during the past months at very firm prices, has shown some easing up of late. This does not, by any means, mean a depression in the market, but just now there is a disposition to proceed cautiously rather than feverishly, and, in case values should go down, there will not be the reaction and boomerang that there was in the fall of 1920 and the beginning of 1921.

So far as B. C. forest products are concerned, timbers have been in fairly brisk demand. There has also been a call for 3-inch plank, especially in sizes 3 x 12 and 3 x 14 in long lengths. Transit cars of boards and shiplap are not in keen demand and some are being offered at sacrifice prices. There is very little demand for commons in the eastern market unless prices drop. The margin between Ontario woods and Coast commons is in favor of the former, and, as a consequence, the eastern lumber merchant will not bring the latter in any large volume except, possibly, a consignment in mixed cars.

The yard men in Western Ontario are pretty heavily stocked with forest products of all kinds at the present time, according to the latest information, but material is beginning to move and business is gradually getting better. It is declared that the Ontario farmer has not been securing prices for his product commensurate with their cost, and not a few yeomen have experienced difficulty in paying their bills. Collections have been rather slow.

Several transit cars of western stock are offering all the time and it is thought that the demand for these will pick up now that the building season is going full blast. Some eastern representatives are pushing B. C. hemlock clears and making an effort to have this wood used for interior trim. It is understood that one contractor will employ this material for finish work in some twenty or twenty-five houses which he has under way.

In reference to operations in the Sudbury district, one leading lumberman stated recently that nearly all the mills were now running although the ice had been very late in disappearing. There was high water at many points even if a great deal of rain had not fallen. Common labor, he reported, was quite plentiful but skilled labor and men for the drives were rather hard to procure. \$2.50 a day and board was being paid for river men but there was a disposition on the part of some not to accept this figure, and wages might go higher. So far as ordinary help around the mill was concerned, 30 to 40 cents an hour was the rate, which was an increase of 10 to 15 per cent. over last year. Table board remains about the same as last season.

### Ottawa Trade Shows Some Slowing Up

Conditions in the Ottawa lumber market during the opening period of May were only fairly satisfactory to lumbermen and wood-working plants, due to the late spring and the delay in the opening up of new building operations. The volume of trade both domestic and foreign was reported to be not as large as had been expected.

There was a fairly good volume of business carried on with the American yards during the closing part of April and the first few days of May, but the outlook in this direction was not as hopeful as it previously had been. The domestic trade was also slacker than what had been anticipated, and though new building as reflected by the building permits in April promised well, the actual start of several new projects was delayed on account of the lateness of the spring.

Though the volume did not increase to any noticeable extent prices remained firm. The first shipments of lumber cargoes by water left Ottawa on May 4th., they being from the John R. Booth Company, Limited, and the Gatineau Company Limited. The shipments contained about one and one half million feet. That of the Booth Company was composed mostly of deals, which was consigned to the English market. The shipment from the Gatineau Co. Ltd., went to northern New York State.

Conditions with the woodworking plants did not show much general change. The request of the members of the woodworkers union for higher wages, was not dealt with by the heads of the wood-working factories and plants. Most of the plants reported that their business was slow owing to the lateness of the spring, and that they felt they had lost a month or six weeks of usual good business.

### Mr. Levie Speaks on Conditions Overseas



John Levie, Quebec, P.Q.

John Levie, vice-president of W. & J. Sharples, Limited, who proceeded overseas to the United Kingdom at the end of last January to take observation of the lumber market, visit the firm's agencies in the British Isles and dispose of lumber on behalf of the interest of his firm, returned to Quebec at the end of April, looking fine and well pleased with the result of his trip. Mr. Levie is a modest man when it comes to an interview. Though reluctant to talk for publication, Mr. Levie admitted that, while conditions were not as yet near normal in the British Isles, on account of the continued political atmosphere, the Ruhr difficulty and the depreciation of exchange, he had succeeded in doing a better business than when he went abroad in 1922.

and obtained better prices for the lumber he had disposed of.

It would appear, however, from the latest reports received by Quebec lumber firms both by mail and cable from their British agents, that a feeling of nervousness still prevails among the United Kingdom purchasing interests who vie with each other in a spirit of cautiousness. It is, however, pointed out that April is a month of usually small doings in the timber trade and lumber line generally, but there is a strong hope that by the middle of May things will undertake a change for the better that will generate more life in business to merit confidence.

Looking at the continent of Europe and at the political and economic conditions in the large wood-consuming countries, the export agents of the Canadian firms in England say they are at a loss to prognosticate how the lumber business will be affected. It is in the meantime, admitted in Great Britain that, in so far as the trade with Canadian lumber interests are concerned, there are two formidable factors to be removed, the settlement of the reparations question and lower ocean freight rates by the regular steamship lines. Although there is a strong desire on the part of the press and people of England to trade more generally and generously with the Dominions, there is no sentimentality in business when it comes to the price of the goods, and this applies to the Canadian lumber trade with Great Britain, as it does in all other trade commodities.

### May Result in Renewal of Confidence

In the present the wood imported by the British firms from Sweden and Finland is almost fifty per cent cheaper than the prices of Canadian wood, and it cannot be expected that the British importer will purchase his lumber exclusively from Canada under such existing circumstances. The British steamship companies in control of the ocean cargo rates are aware of these facts but, strengthened as they are in a combine, they will not listen to any reasonable argument as long as they can obtain the cargoes shipped from Canada, and do not or will not understand that by coming back to pre-war rates they could more than double their cargo carrying business in the St. Lawrence route.

Expert banking economists, who have their vision constantly focussed on conditions, are agreed that if the France-German difficulty can be settled in the next couple of months, as is indicated by a close study of the situation, it will result in a renewal of confidence among the financial interests, which is bound before many months will have passed, to bring about a reaction in interchange of trade and a commencement for the stabilization of exchange to insure a boom in European business. In England where the Student of economy is centered and watching closely the France-German question, it is felt, with a marked degree of confidence, that Germany cannot much longer bear the economic strain placed upon her industrial resources in the Ruhr by the Allies, and sooner or later will have to forego her stubborn obstinacy and seek to open negotiations with France and the Belgians, who, also in bondage by the economic strain on their resources, will welcome an approach for a prospective settlement.

These few reflections, the outcome of mathematical deductions from the banking and other financial interests of Great Britain, go to show while the prospects are unsettled, they are not bad and that there are good chances for the Canadian lumber trade in the United Kingdom during the summer. But there is nothing to show that the trade will be a safer one this year, or is it possible to foretell if there



On the left is shown a convenient tally card which is used by McLachlin Bros. of Arnprior, Ont. On the right is a diagram illustrating that increased price of lumber has added very little to the relative cost of building





View of Mills in Sarnia

## ***“On Time” Delivery***

Getting the goods delivered ON TIME is just as important as being able to produce them—and we make a specialty of both. Ask any retailer or woodworking establishment who has been using our A 1 NORWAY or WHITE PINE LUMBER.

We also make a specialty of heavy timbers, cut to order any length up to 60 feet from Pine or B.C. Fir. Quotations will be gladly forwarded upon request.

***“Rush Orders Rushed”***

# **Cleveland-Sarnia Sawmills Co., Limited**

**SARNIA, ONTARIO**

B. P. BOLE, Pres.    F. H. GOFF, Vice-Pres.    E. C. BARRE, Gen. Mgr.    W. A. SAURWEIN, Ass't. Mgr.



## Forestry Director Retires From Position



R. H. Campbell, Ottawa,  
Director of Forestry

R. H. Campbell, of Ottawa, who is director of forestry, has retired from that position after sixteen years' successful administration. The staff of the Forestry Branch, Department of Interior recently tendered a farewell supper to their chief. E. H. Finlayson, acting director of forestry, presided and spoke in the highest terms of Mr. Campbell's service to the branch and his personal work. The guest of the evening was presented by the Dominion Forest Service with a large silver bowl, suitably inscribed, and with a handsome club bag on behalf of the staff who are resident in Ottawa. Mr. Campbell made a grateful reply, expressing appreciation of the many years' delightful association with his loyal staff. He bespoke their co-operation for

his successor, whoever he might be, and stressed the importance of forestry work. Mr. Campbell was born at Strathroy in 1867 and, entering the Department of the Interior when twenty years of age, rose steadily from post to post. Early realizing the importance of forestry, he devoted much attention to the study of that subject, especially as it related to Canada. He was one of the first members of the Canadian Forestry Association which was formed in 1900, and was elected assistant secretary and treasurer. In 1907, on the resignation of E. Stewart, now of Toronto, who was the first superintendent, Mr. Campbell was appointed superintendent of forestry, a title subsequently changed to director of forestry. By hard work through subsequent years he succeeded in building up his branch. The organization of the forest reserves has also been brought to a high state of efficiency, and the task of protecting the forests from fire—both inside and outside of the reserves—has been undertaken to a degree unthought of a few years ago.

## New Plant of Mr. McKee in Operation

The new plant of W. J. McKee, at Windsor, Ont., which was opened recently, is one of the many indications of the healthy growth of the Border Cities. Carrying on a general retail lumber business and planing mill, W. J. McKee found that yard and mill expansion was necessary to keep in step with the expansion of business in the Windsor district. The McKee site is, at 133 Salter Avenue, Windsor, and covers 3 1/3 acres bordering on the main line of the Canadian Pacific Railway.

The mill and lumber sheds are advantageously located, both being in the same building. The factory proper is a commodious structure, the dimensions being 100 x 275 feet, one storey, and of solid brick construction. A feature of the layout is the 20-foot concrete driveway which runs from end to end of the mill, passing through the dressed storage department for lumber, mouldings, doors, etc. The west side of the edifice is occupied by the mill, boiler room, shaving bins and rough finish storage.

In the laying out of buildings and yards there are many problems to engage the minds of executives. One of the most important and to which is often given too little thought is the handling of the materials. W. J. McKee, however, has, apparently, given this part of the business considerable attention. On the east side of the mill there are thirteen doors and a railway spur running parallel with the building which greatly facilitates unloading.

The mill is exceptionally well lighted, having besides the usual side light, additional brightness by the presence of skylights. The machinery and equipment is new and modern and the entire building and contents are protected against fire by a Grinnell sprinkler system.

## Historic Planing Mill Changes Hands

The Independent Coal Co., of Ottawa, recently purchased the Buckingham Planing Mill Co., at Buckingham, Que. The charter of The Buckingham Planing Mill Co. dates from about the year 1866, the mill and offices of the company at that time and for many years subsequently being at Masson, Que.

The business seems to have been conducted so economically at Masson, that rumor credits the company with paying regular divi-

dends from an accumulated surplus for some time after regular operations were suspended. Some twelve years ago The Parker Planing Mill Co., of Buckingham, then in operation about eight or nine years, took over at an upset price the stock and effects of The Buckingham Planing Mills Co., and the companies were amalgamated, business from the time of the taking over of the Masson Company being conducted under the name and charter of The Buckingham Planing Mill Company, Limited. Four or five years ago the Buckingham Planing Mill Company added a sawmill to the plant, which is included in the sale to The Independent Coal Co.

## Completing Detailed Cruise for Arnprior Firm

The James W. Sewall timber cruising organization of Old Town, Maine and Washington, D. C., is completing the final office work on a detailed cruise and estimates of some 1,000,000 acres of land belonging to McLachlin Brothers, Ltd., of Arnprior, Ontario.

The work has taken upwards of 2 years, and has been very thorough and complete. All boundary lines of the various properties have been re-surveyed, and new interior lines for purposes of mapping control run parallel with each other at 2-mile intervals. Cruisers have gridironed the property between these control lines, travelling at close intervals, mapping the country and estimating the timber.

The results of the survey and exploration have been systematically set forth on standardized sheets and maps, filed with the owners at Arnprior. The system is so thorough that any location on which information is wanted, may be turned to in two minutes, and the maps thereof, as well as the estimates of timber and local report, be on the executives desk immediately.

## What Pulpwood Supply Really Means

"One of the market features that is keeping the publisher on his toes today is the ascending price of newsprint," reads a statement recently issued by the Natural Resources Department, Ottawa. "Pulpwood is by far the most important of the raw material entering into the manufacture of newsprint. To secure pulpwood the mills have to go farther away every year. While the annual cut of pulpwood has grown to enormous dimensions, amounting in 1920 to over four million cords, forest fires are devastating more of our forest areas to a far greater extent.

This year the forest fire hazard will undoubtedly be severe, and every citizen should recognize his personal responsibility, and do all he can to save the forests for labor-employing industries."

## Will Clear Burned Abitibi Timber Lots

It is learned that 15 acres of land on each of a number of burned timber lots are to be cleared this season in the Abitibi region by the Quebec Provincial Government. It is also understood that, in accordance with the policy inaugurated in some sections of the province, small houses for the use of settlers will also be erected.

With this announcement comes one to the effect that a distribution of grain seeds will be made for the benefit of poor settlers by the Department of Colonization in the course of next summer. These seeds will be given to settlers whose crops were damaged last year.

## Tree Re-planting Operations are Costly

Some thought has been given by Canadian provinces to the subject of the re-planting of the forests. It is an expensive proposition. It costs \$20 an acre to plant a forest and at the end of sixty years, when merchantable timber has been grown from the seedlings, the cost per acre with compound interest added, has mounted into a large total. That is why it is so hard to arouse public interest in re-forestation work. An important question comes up as to whether the costs of such work by the provinces can rightly be charged to current revenue—revenue from stumpage fees, etc., or if it should be charged as a capital investment.

## Single Seated Planes for Forest Control

In the patrol of the forests for purposes of fire prevention by the Canadian Air Force during the present season, the method to be employed involves patrol by single-seaters, instead of using large machines. Furnished with a wireless apparatus, once a fire is discovered, instant communication may be had with the base, from which a large machine carrying men and fire fighting gear can proceed to the scene. The new method will be much more economical.



## A Good Sign

The increasing number of firms engaged in the lumber trade who come to us for their camp supplies year after year is a sure indication of our ability to serve.

### H. P. ECKARDT & CO.

WHOLESALE GROCER

Church St. and Esplanade, Toronto

## Here's a 30% Increase in Your Pulp Output Without Increase of Power or Floor Space----

### Our New Improved Pulp Grinders

open up new avenues of profit through new efficiency.

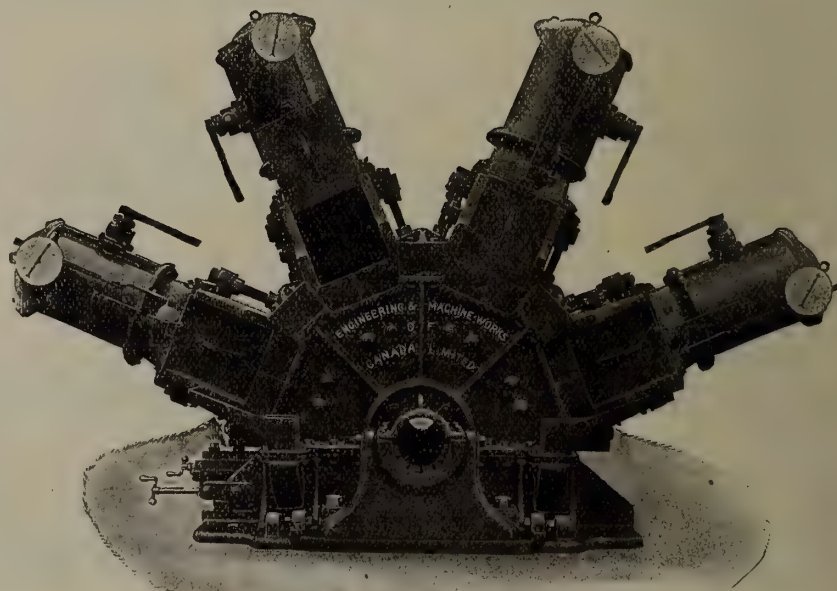
"Tidmarsh" Patent Pulp Scrapers between the pockets prevent the pulp from entering the following pocket and being re-ground into flour pulp.

"Tidmarsh" Automatic Door Openers open the doors instantly by reversing the pressure on the feet when the wood is ground away. Refilling is quicker and easier which means steadier production.

Pockets are tapered lengthwise and crosswise. Wood does not wedge in pockets. Pockets are wider and higher than usual, holding more wood, and not requiring re-filling so often. Large discharge opening. Large hand hole plates. Packing gland adjustable from outside of machine while in operation.

*Let us send you full particulars.*

Chippers, Flat Screen, Wet Machines, Deckers, Digestors, Diffusers, Tanks, Penstocks, etc.



Built also in 3-pocket style

## Engineering and Machine Works of Canada

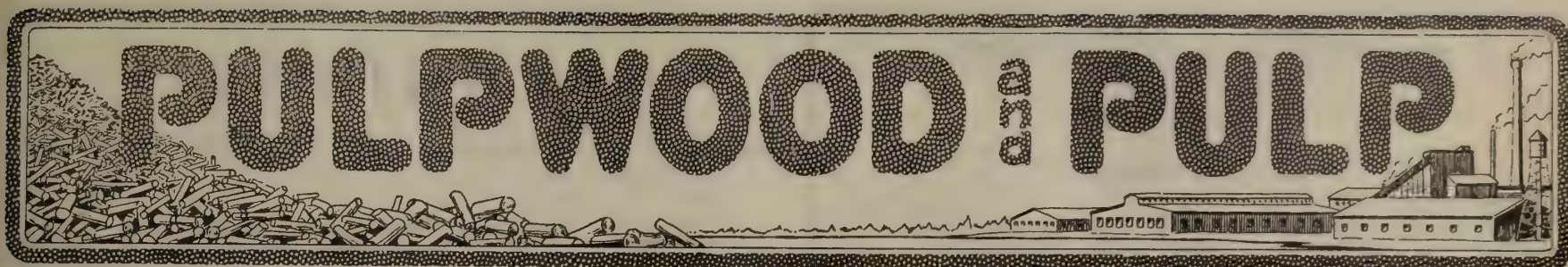
Limited

St. Catharines, Ontario

Eastern Sales Offices:

Hall Machinery Co., Sherbrooke, Que.  
and Birk's Building, Montreal





### Reports Big Demand from American Market

The pulpwood situation has undergone a change for the better in the district of Quebec. Toward the end of April transportation from the base of supplies to the American mills began to improve and up to the second week of May the shippers had little difficulty in comparison with previous months to obtain all the railway rolling stock necessary for the delivery service to carry out the completion of their contracts with the American mill interests.

As a consequence part of the pulpwood for sale in the Quebec market has been disposed of and being shipped to the United States buyers. These transportation conditions also apply to the shipment of some lumber from the Quebec mills to the United States, and it is expected that by the middle of May, all orders which had been booked by the Quebec lumber mill interests, will have been forwarded to their American purchasers.

In the meantime the Quebec mill interests are daily receiving orders from the American market and the demand is growing in keeping with the boom in the United States, which is sending the prices over the southern boundary sky high. Just how long this boom and inflation in the United States will last, is a question watched with a great deal of interest by the Canadian lumber trade. Many are of the opinion that it cannot last more than another six months, when there will come an unpleasant downward trend, followed by a regular slump. This, economic experts say, cannot be avoided on account of the startling rise in the price of lumber and building material generally, not to speak of the demands being made by mechanical and common labor. The latter aggressive demand is causing the investors much concern and now capital is beginning to cry out in alarm against the arrogance of labor and the day is not far distant when there will be a revolt of capital against labor. In the meantime, labor is going ahead with its increased demand and if something is not soon done to curb the aggression, capital will become paralyzed and unable to function.

Capitalistic interests, discerning the situation, while anxious to put an end to these conditions of strangulation, seem to have no remedy to offer. They realize that by constantly giving in to the exactions of labor, they are building up a spirit of revolution, and still cannot get together to perfect an organization by co-operation to fight the impending evil until it is too late.

### Spruce Falls Co. Took Out Much Wood

The Spruce Falls Co., of Kapuskasing, Ont., during the past season took out 75,000 cords of wood, about 35,000 cords of which are now on the river bank at the company's plant. The balance will be brought down in the drives as the streams open up. All the digesters of the plant have been running practically to capacity since the early part of December. The output is over 100 tons of unbleached sulphite pulp daily.

The Spruce Falls Co. have built during the past year at Kapuskasing 59 houses and contemplate building as many more this year. The new Hydro plant which the Spruce Falls Co. are constructing on the river bank adjacent to the sulphite plant, has been completed and will be put in operation in a few days.

### Operating Position of Riordon Company

General opinion is that the prospects of putting the Riordon Company, Montreal, back into strong operating position are very good, but it is said there will be little in the reorganization for the former preferred and common shareholders. Most of these have given up hope of getting any substantial benefit out of the reorganization. The rights to subscribe for new stock in the new company that are likely to be given, will have a value that is yet to be determined.

It is stated that the 6 per cent. bondholders will be well protected but that the holders of the 6 per cent. bonds of the Riordon Company will get something in the nature of a second preferred stock. Ranking ahead of this, it is said, will be about \$10,000,000 of first preferred stock which, it is planned, will be offered to present

stockholders for subscription, although the public as a general public also may be invited to come in.

The company has sold a number of its timber limits, chiefly outlying hardwood properties that were not of particular value to a pulp and paper company and this has added considerably to the liquid resources of the company, all facilitating the progress of reorganization.

### Whalen Company's Plants are Busy

The Whalen Pulp & Paper Co. of Vancouver, who operate mills at Howe Sound, Swanson Bay and Port Alice, B. C., and of which Hon. T. W. McGarry, of Toronto, is president, is today finding a ready market for its output of easy bleaching and bleached sulphite pulp. Business generally on the Pacific Coast province is in good condition and the company is sharing in the general betterment.

At the present time the Whalen Company is shipping about 350,000 shingles a day to the United States market. Its sawmill is operating and lumber is being shipped to Japan and China, while a market is available for all the sulphite pulp.

The company retired \$250,000 of its serial bonds due May 1st, and at the same time fully provided for all interest on its bond and debentures for the half year ending upon that date. Since 1920 the company has returned to holders of serial bonds \$500,000 in all. During the adjustment period of 1921 the Whalen Pulp experienced all the difficulties incident to that buying time, but throughout maintained its interest payments in full.

### Another New Paper Mill for Quebec

A new paper company has been formed known as the Western Quebec Paper Mills, Limited. The plant will be located in St. Andrews, Que., on the North river. The company will manufacture tissue papers and other special lines and will gradually increase its output as business warrants.

The Western Quebec Paper Mills will do their financing through a first mortgage bond issue, bearing 6½ per cent. interest and maturing in 25 years. A unique feature of this issue will be the fact that the principal will be insured with a prominent Canadian insurance company which will guarantee the payment thereof to the bondholders. While the company has authorized an issue of \$1,000,000, only \$225,000 will be issued presently—the balance of \$775,000 can only be issued to the extent of 66 2/3 per cent. of any capital expenditures in the future.

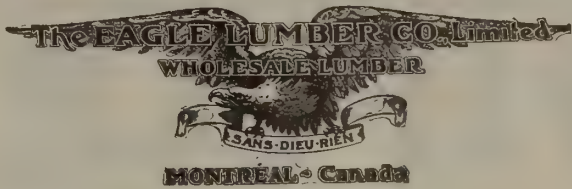
### New Company Contracts for Pulpwood

The Buskegan River Pulp & Lumber Co., have been organized with headquarters at Cochrane, Ont. J. A. Legris, of Haileybury, H. Fontaine and J. B. Moncion, of Cochrane, are the directors. The company have begun the construction of a rossing plant and have signed up contracts for 15,000 cords of sap peeled spruce and 1,000 cords of poplar for delivery this summer and are figuring on getting 3,000 more cords of spruce rossed before December next.

### Western Pulp Plant May Resume

It is learned that the Western Canada Pulp & Paper Co., whose mills are at Port Mellon, B. C., and have a capacity of about fifty tons of kraft pulp daily, are being reorganized and may resume activities in the near future. Two companies have been formed to take over the assets of the concern; the Howe Sound Pulp & Paper Co., will have control of the mill, which is about twelve miles from Squamish and may eventually be fed by power from the Bridge River Power Company's new plant. The timber limits on the north end of Vancouver Island have been taken over by the Port McNeill Timber Co., Limited. It is believed that if negotiations are concluded in Toronto and New York soon, and the market price for kraft pulp and paper picks up, the plant of the Western Canada Company will get under way in the not far distant future.





## SPRUCE, rough or dressed LATH AND SHINGLES

*We have facilities for kiln drying*

### THE EAGLE LUMBER CO. LIMITED

Head Office: 90 St. James Street, Montreal, Que.  
Mills at Mont Laurier, Que.; Hebert, Que.; Ste. Marguerite, Que.;  
and Nottaway, Que. Dressing mill at St. Jerome, Que.

Northern Office:  
MIDLAND, ONT.

Southern Office:  
HATTISBURG, MISS.

## Herman H. Hettler Lumber Co.

2601 Elston Avenue, CHICAGO, ILL.

Manufacturers and Dealer

## White Pine, Red Pine and Yellow Pine Lumber and Lath

Excellent Planing Mill Facilities. Prompt Shipments

Crating

Cedar Shingles

## Everything in Spruce

FLOORING  
SIDING  
ROUGH DIMENSION  
LATH

## Campbell, MacLaurin Lumber Co.

Limited

MONTREAL  
Board of Trade  
Building

TORONTO: 320 Roncesvalles Ave.  
C. W. McCabe, Ont. Representative  
Phone Junc. 1598W

## E. H. LEMAY

*Wholesale dealer in*

### PINE AND HARDWOOD LUMBER

*Dimension Timber cut to order for*

RAILROADS, CAR STOCK, BRIDGES AND  
FACTORIES

*Car Sheeting a Specialty - Laths and Shingles*

Hochelaga Bank Bldg., 112 St. James St., Montreal

Tel. Main 2712

## EDGINGS

M. A. Painchaud, Lac Sagway, Que., is contemplating building a sawmill at a cost of about \$5,000.

Portneuf Pulpwood & Lumber Mfrs., Quebec, P.Q., is a recent registration.

The Canadian Western Lumber Co., near Fraser Mills, B. C., are making plans for an addition to their veneer plant.

Fire destroyed the sawmill of L. Nault, at Daveluyville, Que., causing a \$10,000 loss.

The National Wood & Pulp, Limited, Montreal, recently obtained incorporation.

The Eagle Lumber Co., Montreal, have started work on a new office and storage shed.

Alex. Flett, of Burketon, Ont., has started cutting this season and the output of his mill will be all pine.

The Rat Portage Lumber Co. has sold its Winnipeg box factory to Minneapolis interests.

Fire recently caused considerable damage to the premises of the Manning-Sutherland Lumber Co., Limited, at Camrose, Alta.

The plant of the Otis-Staples Lumber Co. at Wycliffe, B.C., has a unique record, having been closed down only nine weeks during the past ten years, except for repairs.

The plant of the J. D. Shier Lumber Co. at Bracebridge, Ont., has started operations and has a large supply of logs for a full season's cut.

The Summerland Lumber Co. have started the operation of a new mill at Myren, near Hope, B.C., where the company own extensive limits. The cutting capacity is about 20,000 feet a day.

S. C. Slater, formerly of the office staff of the Laidlaw-Belton Lumber Co., Sarnia, Ont., has joined the sales force and is now covering Western Ontario in the interests of the firm.

The Thomson-Kneeland Lumber Co., Limited, have removed from 344 William Street, Montreal, to larger premises at 806 Notre Dame St. West.

A. E. Maxwell, manager of the Gatineau Co., Limited, who suffered a stroke of paralysis while visiting Montreal, has been removed to Ottawa, his home city.

Dubois & Gosselin, Limitee, Montreal, is a new organization recently formed to manufacture and deal in all kinds of wood products. Capital \$20,000.

The Muskoka Wood Mfg. Co., Limited, Huntsville, Ont., are making preparation for the erection of a new boiler house. The building will be one storey, 40 x 40, and will cost about \$6,000.

Vachon & Parent, Limitee, Disraeli, Que., was recently incorporated to conduct a general lumber business manufacturing pulpwood, and lumber products. Capital \$40,000.

A large amount of standing timber and several barns belonging to the Indians were burned recently owing to the presence of prairie fires in Hobbema, Indian Reserve south of Wetaskiwin, Alta.

The Alberni Pacific Lumber Co., Port Alberni, B.C., are preparing to start work on a new bunkhouse to cost \$7,000. The building will be frame construction, one and a half storeys.

C. A. Govan, of Cox, Long & Co., Limited, Montreal, has just returned from England, while R. H. Lightburne, of the London office of the same company, who was on a visit to Canada, has returned to the Old Country.

La Cie D. Rauleau & Fils, Limitee, St. Tite, Que., have been granted a provincial charter to manufacture pulpwood, lumber and other similar products. Capital \$199,900. Two of the incorporators are M. Rouleau and D. Rouleau, both of St. Tite.

Neil Watson, of the firm of Watson & Taylor, Ridgetown, Ont., recently spent an extended holiday in North Carolina. Mr. Watson, who is widely known as the "Mayor of Mull," reports having a splendid time and thoroughly enjoying his trip.

Capt. J. P. Gillies, of Spragge, Ont., is now looking after the management and operation of the R. B. Herron & Co. sawmill at Tionaga, Ont. Mr. Herron has embarked in the wholesale lumber business in Toronto and is handling all kinds of forest products.

J. Ford Paper Co. Limited, Portneuf Station, Que., have started the erection and building of a pulp mill and dam. The mill dimensions will be 200 x 100 ft., and the two projects will cost about \$200,000.



Fire destroyed the mill of the Beaver Lumber Co. at Port Alberni, B.C., recently. It was unfortunate that the insurance does little to cover the loss and the fact that the owners intended to move the plant to another location in a few weeks.

A. A. Richards, of Edward Lloyd, Limited, England, is visiting Canada with the object of looking into the feasibility of establishing a pulp mill, the product of which is to be used in the company's paper mill in England, the largest newsprint plant in the world.

An elm log, 16 feet long and measuring 15 feet in circumference, was sawed recently at the mill of G. E. Bousefield, at Milton, Ont., and made over 1,000 feet of lumber. This was said by local lumbermen to beat the record for large logs in Halton County.

Rumors say that Howland & Waltz, large pulp and paper manufacturers of Minneapolis, Minn., have actually started work at Nelson, B.C., on the building of a huge pulp making plant, to cost \$2,000,000 employing 300 hands.

Alex. Dick, who for the past four years has been manager of the Alfred McDonald Lumber Co., Peterboro, Ont., recently concluded his services with that firm and is opening up in the lumber business on his own behalf in Peterboro.

Work will start shortly on the new \$60,000 sawmill to be built in the North Thompson Valley by the Spruce & Cedar Lumber Co., of Kamloops, B.C. The mill will be two storeys 40 x 80, and of frame and mill construction.

Reconstruction of the superstructure of the timber pilework wharf at Blind River, Ont., is contemplated by the Dominion Government Department of Public Works. The work would cost about \$21,000.

The Bay Sulphite Co., of Port Alfred, Que., recently increased its capital stock from \$3,500,000 to \$8,000,000, by the creation of 45,000 additional common shares of \$100 each. The number of directors of the company was recently increased to nine.

Arthur G. Bowler, Deputy Inspector of the National Hardwood Lumber Association, with headquarters at Montreal, recently resigned his position in order to join the staff of the Johnson Lumber Co., Inc., Manchester, N.H. Mr. Bowler entered upon his new duties on May 1st.

W. Hartley Dunham passed away recently in St. John, N.B., in his 79th year. For many years he was engaged in the lumber business but retired from that line in 1913. Mr. Dunham lived all his life in St. John and was held in high esteem especially in the north end of the city where he was best known.

Weismiller Bros., Bala, Ont., have secured the lumber and exterior trim contract for the new club house of the Deer and Pigeon Lake Club at Deer Lake, Ont. The new summer outing club is being financed mostly by Pittsburg people and will cost about \$30,000. Roushorne Bros., Bala, have secured the contract for sash, doors and interior trim in the building.

British Columbia's timber industry is receiving a decided impetus in West Africa where millions of feet of timber from that province are being utilized in the bridge work and railway construction now going on along the Gold Coast where Stewart and McDonald, well-known Canadian contractors and railway builders, are constructing one of the largest harbors in the world at Taharodi.

The Civic Beautification Committee of the Chamber of Commerce, Hamilton, has inaugurated a memorial driveway with an avenue of elms five miles long. Each tree will represent a fallen Hamilton soldier. The first instalment has just been planted, the initial tree being placed in position by Sir John Gibson and the second by Adam Brown. Sir John is now 82 years of age and Mr. Brown is in his 98th year.

Timber cruising in the Algoma district will start later this year than usual and will not be under way till toward the end of May. A. H. Huckson, Crown Timber Agent, of Sault Ste. Marie, is in charge of the men in the work of cruising. Extensive work will be done on the Mississauga forest reserve and townships to the north as well as along the line of the Algoma Central Railway. During the past few days fire rangers have been despatched to many points in the Algoma and Sault division to take up their work at the different stations.

The International Land & Lumber Co., whose limits and mills are at St. Felicien, Que., state that they will be running to full capacity during the coming season, turning out a contract for ties with much jack pine and spruce lumber as possible. So far as they can the Canadian National Railways and at the same time getting out as judge, the company say that prices will be from 10 to 12 per cent higher than last year as there is quite a good demand for lumber in that district, principally for the two large dams which are being constructed at present. The season for operation is rather later this year than usual owing to the recent severe winter.

## The C. Beck Manufacturing Company, Ltd.

### PENETANG, ONTARIO

Manufacturers & Dealers of

## WHITE PINE—RED PINE HEMLOCK—LATH

Planing Mills in Connection—Our Dressing will  
Save You Freight

TORONTO OFFICE 10 PARLIAMENT STREET

F. H. Horning M 2170

## McNeil Lumber Co. Limited

416 St. James St., Montreal, Phone Main 996 & 1185

Manufacturers and Wholesalers  
Hard and Softwood Lumber and  
Railway Ties.

B.C. Fir and Cedar Shingles Specialists.

## FOR SALE

### DRY SPRUCE CULLS

1	car	1 x 4"	6-16'	D1S.
4	"	1 x 5"	6-16'	D1S & M
5	"	1 x 6"	6-16'	D1S & M
2	"	1 x 7"	6-16'	D1S & M.

## WIGHTMAN LUMBER CO., Limited

263 St. James St. MONTREAL, CANADA.

## Saw Mill Exhausters

"By-Pass" Blower Systems are Indestructible

"By-Pass" exhausters will handle the green sawdust from your saw mill without clogging or trouble of any kind. Material does not pass through or around fan wheel. Fan is not overhung. Three bearings. No heating or shaking. The best and most economical system made today.

We manufacture and install systems complete

Write for information

## Toronto Blower Company

156 Duke St., Toronto



# U.S. Buyers of Canadian Lumber

## STOP--LOOK--READ

and  
Spend 3¢

If you have any lumber, lath or Shingles that you wish to sell in the New England market, send us a list giving full details. We buy F.O.B. mill or sell for mill account at delivered prices, less the usual commissions.

The  
**Woodstock Lumber Company**  
131 State St. - Boston, Mass.



Canadian White Pine piled ready for shipment to United States buyers. Note the special care taken in handling

## To Canadian Lumber Manufacturers

I can place the following lumber stocks on a commission basis to well-rated users in the United States. Get in touch with me.

**CANADIAN BIRCH**  
rough or dressed

**CANADIAN MAPLE**  
rough or dressed

**BROWN ASH**  
Brown Ash Trim and  
MOULDING

Birch Trim and Moulding  
Birch and Ash Squares and  
Dimension Stock.

**Allen Kander**  
10 South 18th Street  
PHILADELPHIA  
New York - 50 Union Square

## Birch Squares Wanted

One million feet B M, sizes  $\frac{5}{8}$  to  $4\frac{1}{4}$ ", 4 foot lengths or can use any multiples to 2 feet. For delivery this spring and summer. Price wanted f.o.b. nearest railroad station and also nearest sea port.

**E. B. Estes & Sons**  
362 Fifth Ave., New York City

## MR. MANUFACTURER:

We are in the market, at all times, for  
**MERCHANTABLE SPRUCE**

1",  $1\frac{1}{4}$ ", 2" Rough and Dressed; Stock Widths and  
Random Lengths; Straight and Mixed Car Shipments

**WANTED QUICKLY: Mason Lath,  $1\frac{1}{4}$ x10" and 1x2"**

*Wire Offerings*

**Carpenter-Gordon Company,** 75 Broad Street  
Elizabeth, N. J.  
Reference: National-American Wholesale Lumber Association

**Swain & Boggs Co.**  
110 State St., Boston

Wholesale Dealers in  
**Spruce, Pine,  
Hemlock Boards,  
Cedar Shingles, Lath**  
*Prompt Payments*

**E. M. Garrity-Lumber**  
WHOLESALE  
89 State St. - BOSTON

*Send us your offerings  
on*  
**Spruce, Hemlock, Pine  
Shingles and Lath**

**Blanchard Lumber Co.**  
126 State St., Boston, Mass.  
11 Broadway, New York, N. Y.

We are always in the market  
for Eastern Spruce, Lath  
and Lumber, by rail and by  
vessel.

**Write or wire us your quotations**

**We Want to Buy  
High-grade  
Canadian Hardwoods**  
(all thicknesses)

**and Sell  
Gum, Oak, Chestnut  
and Cypress**

**C. B. TALBOT TRUSTEE CO.**  
607 Stevens Bldg., Detroit, Mich.  
Assembling yard, Detroit, Mich.

## Dry Hardwoods Wanted

5, 6, 8, 10 &  $12\frac{1}{4}$  Maple.  
5, 6, 8, 10 &  $12\frac{1}{4}$  Birch.  
5, 6, 8/4 Basswood.  
6, 8, 10 &  $12\frac{1}{4}$  Soft Elm.  
No. 2 Common & Better.

**CASH WITH DOCUMENTS.**  
Prompt shipment.

**Miller Lumber Co., Inc.**  
893 EAGLE ST., BUFFALO, N. Y.

**Stilwell - Ruhlman  
Lumber Co.**

530 PENOBSCOT BUILDING  
DETROIT - MICHIGAN

Mill Representatives  
**HIGH GRADE HARDWOODS**

## GODFREY LUMBER COMPANY Wholesale Lumber

60 Congress St.  
BOSTON

51 East 42nd Street  
NEW YORK

Eastern Lumber by car or Cargo

**ALL GRADES SPRUCE**  
**Laths Hemlock Boards Cedar Shingles**

*We solicit correspondence from Canadian shippers*

## Lath Wanted

For Detroit Delivery  
10 cars 4' No. 1; 10 cars 4' No. 2;  
10 cars 32" Mill Run—all White  
Pine.

Also  
10 cars 4' Mill Run Hemlock.  
5 cars 32" Mill Run Hemlock.  
5 cars 4' Spruce.

**Brewster Loud Lumber  
Company**  
333 State St., Detroit, Mich.



## U. S. Buyers of Canadian Lumber

We are in the Market for

**Spruce, Pine, Hemlock, Birch, Maple,  
Basswood and Ash, green or seasoned,  
also Spruce and Pine Lath**

*Send us a list of what you have*

**Eureka Lumber Co.** 562 Broadway,  
Albany, N. Y.

### **HINE LUMBER COMPANY**

3-123 General Motors Building  
Detroit, Michigan

*"We would like to represent two  
good Ontario Hardwood Man-  
ufacturers in this territory."*

## WANTED

Spruce, Laths  
Shingles  
White Pine  
Hardwood

**JOHNSON LUMBER  
CO. INC.**  
MANCHESTER, N. H.

## W.A. Webster Co.

**WHOLESALE LUMBER**

201 Devonshire Street,  
BOSTON, MASS.

Wanted for car or cargo shipment

Spruce Boards.  
Spruce Laths.  
Spruce Random sizes.  
Hemlock Boards.  
White Cedar Shingles.

## Newsy Briefs from the Busy East

Flood conditions in New Brunswick will result in the loss of thousands of dollars to lumbermen. The unprecedented high water as a result of heavy rains and the usual spring freshet frustrated every effort on the part of operators to protect their winter cut and from all over the province come reports of booms giving way and millions of feet of logs being carried off with the onrushing waters. Every available means, at the time of writing, is being resorted to in an effort to salvage the logs, and large crews of men with tugs, motor boats and equipment are being rushed to advantageous places and points along the rivers to collect floating logs. Despite these efforts it is estimated that many thousands of logs will be lost.

The freshet has also created havoc in mill yards about St. John, large piles of manufactured product being undermined and toppled over and booms had to be strung to keep it from drifting away. Murray & Gregory's mill was flooded as were other mills along the river front.

While the freshet is partly responsible for the delay in opening the mills there was another factor, which was more instrumental in holding back the resumption of operations. Last year the employees were cut down sixty cents a day and this year the men were bent on recovering this amount. They were offered ten per cent increase, but held out for twenty cents. While a settlement was pending the freshet stepped in and up to the time of writing is reigning supreme. The outcome of the question will not be known until conditions are bettered and the owners and employees have a chance of getting together and effecting a settlement.

Reports received prior to the flood were favorable with regards to the lumber drives. The Greer brook drive for Fraser Companies

Ltd., was brought out safely recently. Conditions on the Nashwaak river were reported favorable a few days ago. The Nashwaak Pulp & Paper Company had crews of men out making preparations for their driving. They sealed the river at Penniac and at the mouth shear booms were placed for the run of logs. A start was made a few days ago on Arnold Brook.

A report from the Nashwaak said that the Fraser Companies, Limited, drive was well under way. It is estimated that it will aggregate 11,700,000 feet. A drive was also reported moving on the Yoho river and is said to be that of the Fraser Company. A report from the Keswick said that the E. Burt Lumber Company drive of 6,000,000 was moving along satisfactorily.

The total cut of logs in New Brunswick during the past winter is estimated at 400,000,000 feet. This includes a cut of 210,000,000 feet from the Crown lands. The severe winter and heavy snows caused the loggers to slow up in the southern part of the province, and in some cases the men had to discontinue operations and return to their homes. This condition increased the expense of the logging.

A law suit which has been attracting considerable attention throughout the province was that involving the ownership of standing timber on certain lands in the parish of Hopewell now in possession of Mrs. Mary A. Hawkes, these lands being a portion of a farm purchased by Mrs. Hawkes from Frank B. Woodworth. It appears that the firm of W. H. Duffy and Sons, Limited, of Hillsboro, held a lease of the land, having bought the timber on the same from Mr. Woodworth, and proceeded to cut on that area during the winter although forbidden to do so by the plaintiffs. Their contention being that there was no encumbrance against the property when they bought it, as shown by the records. The suit is attracting considerable attention among lumbermen and others.

Recently when a proclamation was issued in the Royal Gazette announcing that all forest land in New Brunswick had been proclaimed "a protected area" and that commencing on May 1 and extending over a period to November 1 all persons entering the forests for the purpose of travelling, camping, fishing or picnicking must register, it was suggested that because of the extended winter conditions and the late spring the regulations might not be enforced until a later date. However, information recently received by the Forest Service Branch of the Department of Lands and Mines from representatives in various parts of the province indicated that, in many sections, the woods were already becoming dry and that the forest fire hazard is already imminent. These reports caused officials to rush along preparations for the introduction of the new regulations and from now on all persons who are found in the woods without the necessary certificate of registration will be subject to penalties ranging from \$10 to \$100. The only persons, who are exempt from the provisions of the new regulations, are licensees and owners of lands entered upon, their employees, fire wardens, fire fighters, land surveyors, holders of licenses for hunting, fishing or mining, registered guides and persons accompanied by registered guides. The name of the applicant, the route, destination, purpose and duration of trip, together with dates, will be required for registration purposes before certificates can be issued.

Literature is now in circulation warning citizens that "forest fires burn the future." In the circulars it is pointed out that every fire, that burns in the forests, is detrimental to the progress of civilization and that in destroying the forests it is not only a question of damaging the present, but literally burning up the future. An effort is being made to impress these important facts upon the minds of all, but in particular of the rising generation.

Late reports from over the province of New Brunswick say that five million feet of logs were carried down the main Restigouche River on May 3 and passed under the ice at Campbellton.

## Minister Urges Farmers to Plant Trees

Hon. H. Mercier, Minister of Lands and Forests for Quebec, recently stated that there were vast areas of cleared lands in the province which unfit for farming, are going to waste in the province. In most cases the farmers had cleared off the trees and, after trying to cultivate the land unsuccessfully, had abandoned it with the result that every year thousands of acres are sold for unpaid taxes.

Mr. Mercier added that this waste land totals more than 3,000,000 acres, which if planted in spruce, pine and other woods, would produce forests of timber and lumber for the farmers. It would, of course, take about 30 to 40 years to get the first crop of wood but thereafter these forests would yield 750,000 cords of wood a year. Saplings could be secured at the Government nursery at Berthier at a low cost. They are advised to plant a few acres of the waste land on Arbor Day and thus enhance the value of their farms while they would also give invaluable assistance in a work of national conservation.





Tugs for Logging, Raft Towing, large power, all sizes. Cargo Boats of all sizes and description. Marine Engines and Boilers, all types and sizes.

We specialize in all types of Boats or machinery in connection with the lumber industry.

We also furnish steel frames and marine equipment of every description.

Write for our stock list or send us your enquiries.

List your boats or used marine equipment with us. We can find you a buyer.

## The Doty Engineering Co., Limited

Toronto, Ontario

## Good Will

—a mighty valuable asset to your business and something that cannot be built up in a few days. It is the result of painstaking efforts to give the customer just a little more than he expects—keeping the quality of your products standard—and backing up every word of your advertisements. In short, it's Service—Real Service—that builds Good Will.

## EDGINGS

The Jasper Hardware & Lumber Co., Jasper, Alta., recently commenced business.

The Montreal Retail Lumbermen's Association have removed to larger quarters at 195 St. Catherine St. East.

Joseph Meloney, president of the Canadian Cedar and Lumber Co., Limited, Winnipeg, passed away recently.

The Dominion Tie Co., Limited, Winnipeg, has been granted a federal charter.

A lumber yard in Lynn Creek, B.C., belonging to A. D. Kennedy, was recently damaged by fire to the extent of \$40,000.

F. Villeneuve, retail lumber dealer, Walkerville, Ont., returned home last month after having spent several weeks in Florida.

Damage to the extent of \$30,000 was done recently to the Manning-Sutherland Lumber Co. at Camrose, Alta.

The shingle mill of the Garrett Lumber Sales Co. at New Westminster, B.C., was recently destroyed by fire, causing a loss of about \$50,000.

Archie Warwick, son of T. C. Warwick, lumber dealer, of Blenheim, Ont., has bought the retail yard of Fred. Kennedy at Ridgetown, Ont., and is now located in that town.

J. J. Crowe & Co. Ltd., Bowsman River, Man., retail lumber dealers, recently sold their local yard to Theo A. Burrows Lumber Co., Ltd.

York Mills Builders' Supplies Co., Limited, York Mills, Ont., was recently incorporated with a \$40,000 capital to deal in all kinds of builders' requirements.

The Canadian pulp and paper mills will have a representative collection of their products on show in the Canadian exhibition train which will tour France.

The Rat Portage Lumber Co., Limited, Virden, Man., has been succeeded by the Taylor Lumber Co., Limited, Merchants Bank Bldg., Winnipeg.

C. J. Gardiner, owner of the C. J. Gardiner Logging Co. at Nitinat, B.C., died recently following injuries received during logging operations. Mr. Gardiner was caught between two logs which broke three of his ribs.

The Markin Lumber & Pole Company who control five mills on the Great Northern Railway, North of Nelson, B.C., employ about 500 men in the manufacture of poles. At present three of these mills are leased to Doukhobors, who will cut about 10,000,000 feet of lumber and between 50,000 and 60,000 poles.

Keenan Bros., of Owen Sound, Ont., have started up their new sawmill for the season and have arranged for the largest cut of hardwood they have had in some years. The cut of pine of the firm will be lighter than usual. Keenan Bros. look forward to an exceptionally busy season in the lumber line.

Plans are being prepared for a larger and more modern mill to be erected on the site of the old one at South Vancouver, which was destroyed by fire some time ago. The mill belonged to the Dominion Creosoting & Lumber Co. and rebuilding will be shortly carried out on the North Arm site.

The extensions to the plant of the Dryden Paper Co., at Dryden, Ont., have been completed, including power development at Wainwright Falls. The capacity of the plant will be 75 tons of sulphate pulp daily. Two-thirds of the production will go into wrapping paper and sulphate building paper.

The Green Lumber Co., of St. Thomas, Ont., has been awarded the contract for erecting a new clubhouse on the recently-acquired property of the St. Thomas Golf and Country Club. The location is about five miles south of St. Thomas and the building now in course of construction will cost about \$20,000.

The Hope Lumber Co., Limited, are erecting a large and thoroughly modern sawmill at Little Current, Ont., which will have a capacity of 160,000 feet of lumber in ten hours. It is expected that the new plant will start sawing about June 1st. Roger Barber is the superintendent, and a very busy season is anticipated.

It was stated some time ago that the Provincial Paper Mills, Limited, of Toronto, intended erecting a soda pulp plant in Port Arthur. The object of the plant will be to convert poplar into wood pulp. While the project has been under consideration for some time, no definite conclusion has been reached.

At Woodstock, N.B., the rising floods did great damage recently, Meduxnekeag's Creek going on the rampage. The loss was very



heavy and the power company's dam was swept away. The Smith Lumber Co. sustained a loss of about \$25,000 but were successful in saving their horses from the barn.

It is understood that there will be an enlargement in the near future to the plant of the Westminster Paper Mills, New Westminster, B.C., in order to cope with increasing business. About half a million dollars has already been invested by the company in the project.

A number of farmers in Clarke township, Durham County, Ont., are taking advantage of the Provincial Forestry Nursery's distribution of pine transplants and are replanting their waste land. One farmer set out 1,500 jack pines on a 60-acre farm and it is said that another farmer will plant 2,000.

President W. H. Schuette, of the National American Wholesale Lumber Association, New York City, has completed his appointment of standing committees for the current year. H. J. Terry, of Toronto, has been made a member of the Board of Managers of the Bureau of Information.

The Mageau Lumber Co. have begun operations in their new mill at Field, Ont., which replaces the one destroyed by fire some time ago. The plant will be operated night and day and it is expected that the output will be from 100,000 to 120,000 feet daily. The company have an unusually large number of logs which will be cut up into lumber.

A despatch from Nelson, N.B., states that four sawmills were running there during the latter part of April, all engaged in cutting lumber for the American market. One of the mills was sawing logs and the others were resawing cut lumber. It was something new on the Miramichi River to have plants running and the ice not out of the stream.

P. T. Dodge, of New York, president of the International Paper Co., was in New Brunswick recently on a visit and conferred with Premier Veniot in an attempt to convert the Government to the plan of allowing the International Paper Co. a renewal of the waterpower right at Grand Falls. The New Brunswick Government has already contracted for the sale of \$1,000,000 in bonds and will start preliminary work on the Hydro-Electric station at Grand Falls.

The last week in April was proclaimed by the Federal Government as "Save-the-Forest Week." The federal powers are recognizing more and more the importance of the forests in the foreign and domestic trade of Canada. The propaganda for conservation is securing to an appreciable extent larger attention and greater interest from business men who are rapidly realizing the necessity of protecting the remaining timber and pulpwood of the Dominion.

A recent despatch from Sault Ste. Marie said that unless rain came, the pulpwood dealers and lumbermen would have trouble floating their logs down the streams in various sections of Algoma. In the face of the fact that the district had more snow by a great deal than usual during the winter and in spite of late thaws, the streams had not risen to the height usually reached in the spring. The dryness of the ground last fall and the fact that there was little or no frost during the winter, accounts for this.

The lumber industry figured in the representations made by the deputation of prominent men from the Maritime Provinces who waited on Sir Henry Thornton in Montreal, in reference to the divisional border line of the Canadian National Railways. The main question involved is that of freights, and Premier Veniot, of New Brunswick, urged the lowering of rates. He added:—"The shortage of railway freight cars played havoc with our lumber exports. When the prices of lumber were well up, the maritime merchants were left with their product because there was no means of sending it away."

W. F. V. Atkinson, forest engineer, of Toronto, left recently for Eastern Quebec where he has taken an important position in the pulpwood department, and will carry out a number of improvements in connection with the operations of the St. Regis Paper Co. of Canada, Limited, on the Godbout river, near Matane, Que. The St. Regis Company are contracting for and purchasing many thousand cords of pulpwood which will be shipped to their various plants on the other side of the line. Mr. Atkinson will have charge of the operations and also the erection of a dock at the mouth of the Godbout river, the construction of booms and other improvements for facilitating shipments.

P. G. Mahoney Lumber Co., of Calhoun, Dorchester County, N.B., was recently granted a charter to take over the business of P. G. Mahoney, and manufacture and deal in forest products. The officers of the new organization are,—President, F. B. Mahoney; vice-president, H. M. Wood; treasurer, G. P. Mahoney; secretary, Miss G. Mahoney. The company states that it does not contemplate any marked extension in its plant at the present time though it expects to operate on a somewhat larger scale than for the past few years. The company is handling spruce almost entirely, with a small percentage of pine and hardwood.

## The Otis Staples Lumber Co., Ltd. Wycliffe, B. C.

### Larch and Fir

Dimension

Clears

Boards

Crating

Shiplap

Box Lumber

Edge grain larch flooring a Specialty

### Western White Pine

Clears and Commons

Inquiries handled from our Eastern Office:

**1304 Bank of Hamilton Bldg., TORONTO**

Phone  
Main 5345

R. G. Chesbro,  
Manager

## Sell Your Shavings

Why send your shavings up in smoke when you can bale them economically and sell them at a good profit?

### THE AMERICAN STEAM STEEL FRAME PRESS

is a machine that has been on the market for many years and is a proven money-maker in scores of mills throughout Canada and the United States. We make it with two sizes of cylinders—30" x 45" and 26" x 45".

Full particulars and prices upon request.

Write for booklet.



**American Engine & Boiler Works**  
TONAWANDA, N.Y., U.S.A.



**Second Hand  
Machinery &  
Equipment  
Wanted &  
For Sale**

# Quick Action Section

**Special Lots  
Of Lumber—  
Positions  
Wanted &  
Vacant**

## Lumber Wanted

WE are always in the market to buy Pulpwood and odd lots of lumber. P. O. Box 643, Montreal. 6-T.f.

### Wanted

Ten carloads Hard Maple 1 1/4" x 3 1/4" x 18" and up in length. For further particulars, apply to Box 155, Canada Lumberman, Toronto. 5-T.f.

### Wanted to Purchase

5/8 x 3 and up, 5th and better Spruce either dry or green. Also stock of winter-sawed or summer-sawed scant 2". Address H. V. Berry, Fort Plain, N. Y. 7-10

### Wanted—Birch

and other Hardwoods suitable for the U. S. trade, graded or log run. Cash as loaded. Give loading point and full description together with estimated grades. Wallace H. Partridge, Inc., Springfield, Mass. 5-T.f.

### Birch Lumber Wanted

Several cars of 2" & 2 1/2", Merchantable Quality, complete run of the log, mill culls out, or No. 2 Common & Better. Send offers stating lowest cash price f.o.b. mill, to Box 179, Canada Lumberman, Toronto. 7-10

### Wanted to Buy

Several million feet of 2" and 3" by 4" and wider Merchantable Quality 4ths and Better Spruce. Send particulars giving description of stock, specification as to widths and lengths, quoting lowest cash price f.o.b. mill, to Box No. 186, Canada Lumberman, Toronto. 7-10

### Wanted to Buy

5 cars 4' No. 2 White Pine Lath.  
5 cars 4' No. 3 White Pine Lath.  
5 cars 4' No. 3 Red Pine Lath.  
5 cars each 2 x 4—16', 2 x 4—10 to 16 and 2 x 8—12'—14'—16' Jack Pine or Spruce.  
Duttweiler Weiler Lumber Co., 413 The Arcade, Cleveland, Ohio. 7-10

### Hard Maple Wanted

We are always in the market for lots of good hard maple in stock thicknesses, and can use some 2 1/4 and 2 1/2" stock for shipment green from saw log run. Send us your stock lists or estimate on cut for which you might be interested to contract.

Also we deal in Basswood and other Canadian and American Hardwoods.

HANIEL CLARK & SON, INC.,  
10 T.f. Corry, Pa.

### Dry Hard Maple Wanted in Carload Lots

1 1/4" x 3" in lengths of 18", 27", 36", 45" etc.  
1 1/4" x 3 1/4" same lengths.  
1 1/4" x 2 1/2" x 49"

(one half each size.)  
1 " x 3 1/2" x 49"

All to be free from defects.  
Will contract for mill cuts of hard maple to be sawn into these sizes after lumber is dry, shipment next summer and fall.

Box No. 989, Canada Lumberman, Toronto. 8-T.f.

## DIMENSION STOCK

We want to buy dry stock for prompt shipment or for future shipment.

### FURNITURE SQUARES

2 x 2 — 19" 2 x 2 — 30"  
2 1/2 x 2 1/2 — 30" 3 x 3 — 30"

Write us if you can furnish and quote prices to

THE TUNIS LUMBER COMPANY  
P.O. Box No. 750, Cincinnati, Ohio. 8-11

### PUBLISHER'S NOTICE

Advertisements other than "Employment Wanted" or "Employees Wanted" will be inserted in this department at the rate of 25 cents per agate line (14 agate lines make one inch). \$3.50 per inch, each insertion, payable in advance. Space measured from rule to rule. When four or more consecutive insertions of the same advertisement are ordered a discount of 25 per cent. will be allowed.

Advertisements of "Wanted Employment" will be inserted at the rate of one cent a word, net. Cash must accompany order. If Canada Lumberman box number is used, enclose ten cents extra for postage in forwarding replies. Minimum charge 25 cents.

Advertisements of "Wanted Employees" will be inserted at the rate of two cents a word, net. Cash must accompany the order. Minimum charge 50 cents.

Advertisements must be received not later than the 10th and 20th of each month to insure insertion in the subsequent issue.

### Wanted

Ten carloads of good No. 1 Common and Better 4/4 White winter cut Basswood. For further particulars, apply to Box 191, Canada Lumberman, Toronto. 7-T.f.

## Lumber For Sale

### For Sale

Slack barrel and keg material by the carload. R. J. Miller, Blacklands, Siding, N.B. 8-14

### For Sale

3,000 Cedar Ties, suitable for Industrial Sidings. C. Beck, Mfg. Co. Ltd., Penetanguishene, Ont. 9-10

### For Sale

Spruce and Cedar Lath. Also some Lath and Squares in hardwood. D. I. Warren, Warren, Ont. 10

### For Sale

74 ft. 1" Hard Maple Cull.  
45 ft each 1" Soft Elm and Br. Ash dry stock, 200 M. White Pine. Will saw to order. The Pearce Co. Ltd., Marmora, Ont. 10

## Machinery For Sale

### For Sale

1 Waterous Pony Bond \$635.00. 1 E. Long 36" right hand Edger with 3 collars, \$365.00. All in good condition. Box 136, Canada Lumberman, Toronto. 5-10

### For Sale

One heavy double surfacer 26", in good order, divided rolls on top, opens 8" high. J. & W. Duncan, Ltd., 1801 Ontario St. E., Montreal, Que. 8-11

### For Sale

Second-hand sawmill of 70 Horse Power very well equipped, band saws, edger, katherine (resaw), Trimmers, Slashers, etc., at a low price for a prompt buyer. Send your enquiry. Box 248, Canada Lumberman, Toronto. 10

### Used Machinery for Sale

Having installed larger machines, we are offering a 74" Veneer Lathe, can be seen daily in operation, 37" Model "E" Francis Glue Spreader for waterproof glue, 6, 38" Four Screw Iron Veneer Presses. Hay & Company, Limited, Woodstock, Ontario. 8-11

### Wickes Gang

GANG: No. 12 Wickes Gang, 40" sash, 15" stroke, steam boiler rolls, front and back in two sections, feed and oscillation combined, 1908 model, and has been in use for five years. We furnish with this gang 11 rolls for cants and stock, one filing machine, and 4 sets of saws.

THE PEMBROKE LUMBER CO.,  
1 T.f. Pembroke, Ont.

### For Sale

One Jenckes Boiler 12' x 54".  
One Jenckes Boiler 14' x 60".  
One 16" x 20" Jenckes Slide Valve Engine. Above all complete with fittings and in first class condition. Further particulars on request. Bissell-Irwin Lumber Company, Sherbrooke, Quebec. 8-11

### For Sale

LANE NO. 2 SPECIAL SAWMILL. Steam feed, Edger, log haul-up, engine, pump and other machinery at Platt Cove, N.Y. Tubular boilers, engines, pulpwood rossers, etc., at Tupper Lake, N.Y. The Santa Clara Lumber Co., Tupper Lake, N.Y. 8-11

## Saw Mill Machinery for Disposal

From the Plants of the Davison  
Lumber and Manufacturing Co.  
Bridgewater and Spring-  
field, N. S.

1—Giddings & Lewis 8 ft. Band Mill with Allis-Chalmers Carriage Steam Feed Cylinder, 11-in. x 54-ft. complete with all equipments.

1—Giddings & Lewis 6-ft. Band Mill with New Waterous Carriage, Steam Feed Cylinder 9-in. x 48-ft complete with all equipment.

1—Giddings & Lewis 6-ft. Horizontal Band Resaw.

2—84-in. Diamond Iron Works 14 Saw Edgers.

1—Harmon 13 Saw Gang Trimmer with pneumatic control to each saw.

1—Diamond Iron Works Gang Saw.

1—Hamilton-Kendall Circular Gang Saw.

1—No. 1 1/2 Hill Steam Driven Drag Saw.

1—Hill 12-in. x 24-in. Vertical Steam Driven Cord Wood Splitter.

1—Appleton Belt Driven Horizontal Cordwood Splitter.

1—Diamond Iron Works Heavy Type Friction Log Haul-up.

1—18-in. x 10-in. x 12-in. Worthington Duplex Brass Fitted Underwriters' Fire Pump Cap. 1000 Gallons per minute.

Filing Room Machinery and Equipment, consisting of Band, Circular and Gang Sharpeners, Re-Toothers, Shears, Anvils, Brazing and Filing Clamps.

Steam Deck Equipment consisting of Steam Niggers, Kickers, Loaders, Gang Skids. Planer—1 practically new Yates No. 10—30-in. x 10-in. Planer and Sizer with side Head Grinder.

All the above for immediate disposal at low prices. Write or wire for full particulars.

### Address

**Fleming & MacLeay**  
Agents

Bridgewater, N. S.

### Corliss Engine for Sale

One Goldie & McCulloch tandem compound Corliss condensing engine, latest type, 16" x 30" x 36"; fly wheel 14' x 32" face; almost as good as new; can be seen at our plant here. The T. H. Taylor Company Limited, Chatham, Ontario. 8-11

### For Sale

A Woods Planer—knife 27 inches, double surface, three knives for each cylinder, endless bed, in perfect running order. The Megantic Broom Mfg. Co. Ltd., Lake Megantic Quebec. 9-12

### For Sale

or will take manufactured lumber in exchange—one (1) right hand Clarke Brothers BAND MILL, shotgun feed with carriage complete, Stearns double duty edger, live rolls, spring saws, pulleys, shafting, etc. Haniel Clark & Sons, Inc., Corry, Pa. 10-13

### Machinery for Sale

1—H.R.T. Boiler 48" x 14' complete with grates, fittings, stack and some pipe and valves, for connecting to:

1—White Slide Valve Steam Engine, 12" x 14'; Centre Crank, Fly Wheel and Pulley.

1—30" Sheldon Blower.

Also Length of Line Shaft, 2-15/16" with drive pulley 16" x 42"; Hangers, and some Belt.

For the above:—\$500.00 f.o.b. cars, Brockville, Ontario.

WILSON EQUIPMENT COMPANY,  
117 Wellington Street West,  
10 Toronto, Ontario

## Sawmill Machinery for Sale

William Hamilton double cut 8' band mill with 9 saws, 40" heavy duty carriage, steam feed 10" x 44' complete with all equipment. Edger—4 saw right hand drive—E. Long Manufacturing Co.

Waterous Hog—12 x 12 opening with friction clutch and lever complete.

Steam Engine—18" x 20" William Hamilton.

Refuse Burner—65" x 22" Brick Lined, spark arrester and grates complete.

Planer—24" Connell & Dengler with 30" Buffalo Blower.

Live Rolls, Slab Slasher, Trimmer, Bevel Gears, Band Saw Grinder, Shear, Saw Roller, Brazing Forge, Vise, Automatic Lap Grinder, Wheel Grinder, Log Conveyor Chain and Slush Chain.

All of the above for immediate disposal.

Communicate

Beaver Wood Fibre Co. Limited,  
Cochrane, Ontario. 9-10

## Situations Wanted

POSITION WANTED by a first class Band Saw filer, 20 years experience. No job too large. Box 15, Canada Lumberman, Toronto. 5-10

EXPERIENCED LUMBER SALESMAN, good connections Ontario and New York State, open for engagement end of March. Box 240 Canada Lumberman, Toronto 9-10

WANT to communicate with Lumber Co., desirous of securing a permanent bookkeeper familiar with woods and mill office work. Box 232, Canada Lumberman, Toronto. 9-12

OFFICE MAN—Competent Bookkeeper with five years experience as office manager backed by fifteen years practical experience in yards and mills, open for position in city office or yard. Can handle all forms of camp accounting, including cost and paying systems, Government Returns, etc. Box 257, Canada Lumberman, Toronto. 10



**HAVE YOU A PLACE** in your concern for young man with ability, integrity, aggressiveness and dependable all times? Want permanent position with Lumber Manufacturers or Wholesalers. Have 5½ years' experience different departments handling Correspondence, Orders, Sales, Shipments, Payrolls, Bookkeeping and have full knowledge of general office routine methods connected with lumber, but would prefer position on Order and Sales end of office. Could make small investment. Like to locate in Georgian Bay, Parry Sound, Northern Ontario or Ottawa Valley districts, but other places considered. Describe fully position you have to offer. Good references and replies confidential. Box 249, Canada Lumberman, Toronto. 10-11

## Situations Vacant

**WANTED**—Filer for a circular mill cutting about 25 M. per day. Give references and wages expected. Apply Box 247, Canada Lumberman, Toronto. 10

**WANTED**—Competent and experienced man to salvage sunken pine and hemlock logs in Canadian lakes and streams this summer, either on salary or by contract. We want to get the benefit of the experience of other people. Apply Box 261, Canada Lumberman, Toronto. 10-13

**REQUIRED**—Experienced lumber buyer and inspector of both hardwood and softwood lumber. One understanding National Rules preferred. Must be acquainted with mills and have knowledge of buying and selling values. Apply in strict confidence, stating age, experience and salary expected to Box No. 212, Canada Lumberman, Toronto. 8-11

## Business Chances

### For Sale or Exchange

for block of timber, general store, good stock and doing good business. For full particulars apply Box 203, Canada Lumberman, Toronto. 9-12

### Lumbermen

Please send your stock sheets with prices delivered Detroit on hardwood lumber, also customer's contract for mill-cuts to A. H. David, 2626 Taylor Ave., Detroit, Mich 1-11

### For Sale

Rixon-Ainslie-Stoddart Sawmill at Owen Sound. Splendid power plant and machinery. Will be sold cheap. Apply Keenan Bros., Ltd., Owen Sound, Ont. 23 T.f.

### For Sale

Mill and Timber Limits for sale. Timber large proportion Hardwood. Mill twenty thousand capacity. Large cattle and breeding ranch. Will sell with or without ranch. Located in Eastern Ontario. Address Box No. 50, Canada Lumberman, Toronto. 22T.f.

### Timber Limit for Sale

Approximately fifteen square miles, vicinity of Burks Falls, Ontario. Large percentage of timber Hemlock and Birch. Can be secured with part cash payment, balance in lumber. Good opportunity for small operator. Apply Box 256, Canada Lumberman, Toronto. 10-13

### Sawmill and Timber Limit for Sale

Saw Mill located on the Canadian National Railway, Rawdon, Que., fully equipped, with 18 square miles of limits, assorted timber, at a bargain.

For further particulars apply  
R. H. Miner Company, Ltd.,  
207 St. James St.,  
Montreal.

7-10

### FOR SALE—MILL AND TIMBER IN WEST KOOTENAY, B.C.

To close an estate we offer for sale 3,708 acres of timber, virgin forest, consisting of cedar, pine, hemlock, spruce and fir estimated at 93,000,000 feet (logs), 100,000 telephone poles and 500,000 split fence posts, together with mill, yards, office building and cottages. The mill is situated at Koch's Siding and the timber is on the Little Slokan River, about 6 miles distant. Transportation is all that could be desired. The entire property can be purchased at a reasonable figure. We desire inspection and offer. Terms will be granted to responsible parties, and for particulars communicate with the BANK OF MONTREAL, New Denver, B.C. 9-12

### For Sale

**SPECIAL OPPORTUNITY**, to join with owner of valuable timber property on waters tributary to main line of C. P. R. in British Columbia.

Cedar, Spruce, White Pine and Hemlock 120,000,000 feet.

Would dispose of part interest on very attractive basis.

Full particulars on application to H. Y. T. 9 College St., Toronto. 5-10

### For Sale Cheap

Circular Sawmill, Building and Machinery; Steam Feed, suitable for Ties and Lumber.

also

Small two-storey Brick Factory, well-located, with or without woodworking machinery. Apply to John Harrison & Sons Co., Limited, Owen Sound. 24 T.f.



### TENDERS FOR PULPWOOD AND TIMBER LIMIT

Tenders will be received by the undersigned up to and including the 22nd day of June, 1923, for the right to cut pulpwood and timber on a certain area situated in the watershed of the Trout and Chapeau rivers in the district of Sudbury, comprising an area of 1,049 square miles.

Tenderers shall state the amount per cord on pulpwood that they are prepared to pay as a bonus in addition to dues of 80 cents per cord for Spruce and 40 cents per cord for other pulpwoods, or such other rates as may from time to time be fixed by the lieutenant-governor-in-council, for the right to operate a pulp Kraft mill and a paper mill.

Tenderers shall also be required to say what they are prepared to pay, per thousand feet board measure, for the following classes of timber, over and above the upset prices in addition to crown dues:

Red and white pine, upset price, \$6.00 per M. ft. B.M.

Spruce (too large for pulpwood), \$5.00 per M. ft. B.M.

Jackpine (banksian), \$2.50 per M. ft. B.M. The crown dues on pine including Jackpine being \$2.50 and on Spruce \$2.00 per M. ft. B.M. or such other rates as may from time to time be fixed by the lieutenant-governor-in-council.

The successful tenderer shall be required to erect a mill or mills within the limit or at some point in Ontario approved by the minister, and to manufacture the wood into Kraft pulp, and also such portion thereof into Kraft paper when required so to do.

Parties making tender will be required to deposit with their tender a marked check payable to the honorable the treasurer of the Province of Ontario, for fifty thousand dollars (\$50,000.00) which amount will be forfeited in the event of the successful tenderer not entering into agreement to carry out conditions, etc.

The said (\$50,000.00) shall remain on deposit until the Kraft pulp mill, as provided by terms and conditions of sale, is erected and in operation. Any timber cut in the meantime shall be subject to payment of dues and bonus as accounts for same are rendered. After the said pulp mill is erected and in operation the deposit of \$50,000.00 may be applied on account of bonus dues as they accrue, but the regulation dues as mentioned above shall be paid in the usual manner as returns for cutting of wood and timber are received and accounts rendered.

The highest or any tender not necessarily accepted.

For particulars as to description of territory, capital to be invested, etc., apply to the undersigned.

All tenders should be enclosed in sealed envelopes and marked plainly on outside "Tender for Trout-Chapeau Pulp and Timber Limit."

BENIAH BOWMAN,

Minister of Lands and Forests.

Toronto, April 16th, 1923.

N.B.—No unauthorized publication of this notice will be paid for. 9-12

### D. FLORENCE & SONS

Bethune St., Peterborough, Ont.  
Dealers in Scrap Iron, Metals, Second-Hand Machinery, Pipes, etc. 2-24

### For Sale

Steam Saw Mill complete. Waterous outfit, double edger, steel rails, log track and lumber tract, also first class building, loaded on cars or where it stands. Will take lumber in exchange. Duncan Campbell, Moffat, Ont. 9-12

### Scrap Iron Wanted

All kinds of scrap iron and broken machinery bought at all times. Highest market price paid. D. Florence & Son, Peterboro, Ont. 7-10



### Sale of Timber

Tenders will be received by the undersigned up to and including Monday the 11th day of June, 1923, for the right to cut the timber in the township of Irish in the district of Algoma.

Further information may be obtained upon application to the undersigned or to Mr. A. H. Huxson, Crown Timber Agent, Sault Ste Marie, Ontario.

BENIAH BOWMAN,

Minister of Lands and Forests.

Toronto, May 1st, 1923.

N.B.—No unauthorized publication of this notice will be paid for.

### Good Profits Earned by Price Bros

The annual report of Price Bros. & Co., Limited, of Quebec, for the fiscal year from March 1st 1922 to February 28th 1923, has been issued. The report shows that the profits for the year were \$2,338,933.64 and to this sum is added \$341,346.81, the balance brought forward from the previous period, thus making a total of \$2,680,280.45.

From this amount was deducted a sum of \$1,973,736.23, leaving a net balance to be carried forward of \$708,544.22. The deductions made from the profits of 1922 and the balance brought forward from the previous year are as follows:—Bond interest and sinking fund requirements, \$419,976.47; allowance for depreciation of the company's properties and depletion of timber limits, \$700,095.76; distribution among shareholders of dividends totalling two per cent., \$853.664.

### Fighting the Insect and Fungus Growth

An interesting statement was recently made in the House of Commons at Ottawa, by Hon. W. R. Motherwell, Minister of Agriculture, in reference to what the authorities are doing in order to save Canada's forests. Mr. Motherwell said that the Government had considerable information on the subject which had been collected by the Division of Forests Insects of the Entomological Branch, and by the Division of Botany of the Experimental Farm of the Department of Agriculture, in co-operation with the Dominion Forestry

Branch of the Department of the Interior, and the various provincial forest administrations.

The Government was fully aware that considerably more work should be done, and was ever ready to give careful consideration to representations made by the industries concerned in order to assist in the removal of the serious causes of losses to the forest resources. Special investigation had been made in regard to the dying balsam and spruce in Eastern Canada and a scheme of co-operation is contemplated between the owners of some timber limits and the Division of Botany whereby the services of trained forest pathologists will be available for the study of various diseases affecting balsam and spruce in the eastern districts.

### Will Zealously Guard Forests Against Fires

The Department of Lands and Forests in Quebec is very active at the present time and Hon. H. Mercier, is losing no opportunity to emphasize the importance of the forest as the principal asset of the province. He states that the number of forest fires in 1922 exceeded those of 1921 by almost 50 per cent, because last year there were two fire seasons one in the spring and the other in the fall. The area of forest land swept by fire in 1922 amounted to 740,000 acres as compared with 800,000 acres in 1921. Although the year 1922 had two fire seasons the losses were not so great as those of the previous year.



### MacLean Reports Cover Canada

MacLean Building Reports will give you accurate, advance information on every building and engineering contract of consequence in the Dominion.

These reports are issued daily and reach subscribers in ample time to bid on the work or submit prices for the machinery, equipment, materials or supplies required.

Subscriptions may be placed for any one city, portion of a Province or more than one Province. Rates range from \$25 yearly for the smallest cities to \$500 yearly for the entire Dominion.

Hundreds of firms are deriving much financial benefit from the use of MacLean Building Reports. Tell us what territory you cover and put it up to us to show how we can help you get more business.

Try this service out. The result will please you. Write today for rates and free sample reports.

MACLEAN BUILDINGREPORTS Ltd

345 Adelaide St. W. - - - TORONTO  
119 Board of Trade Building - MONTREAL  
325 Main St. - - - WINNIPEG  
106 Winch Bldg. - - - VANCOUVER



Adams River Lumber Co. ....		Department of Lands (Ontario) 26	Harris Lumber Co., Frank H. ..	25	Phillips, Thos. N. ....	11
American Engine & Boiler Works 71		Dodge Mfg. Co. ....	Harris Tie & Lumber Co. ....	18	Pink Co. Ltd., Thomas ....	82
Anderson Lumber Co., C. G. .. 12		Dominion Belting Co. ....	Heaps & Sons Ltd. ....		Power Lumber Co. ....	17
Anderson, Shreiner & Mawson . 27		Dominion Timber Products .... 33	Hettler Lumber Co., Herman H. 66		Radcliff Saw Mfg. Co. Ltd. ....	
Apex Lumber Co. ....	32	Dominion Truck Equipment Co. ....	Hocken Lumber Co., Limited ... 4		Rankin Benedict Underwriting Association .....	
Associated Mills Ltd. ....	21	Dominion Wire Rope Co. Ltd. .. 82	Hoe & Co., R. ....	89	Rat Portage Lumber Co. ....	14
Atlantic Lumber Co. ....	4	Doty Engineering ....	Hopkins & Co. Ltd., F. H. .... 82		Rideau Lumber Co. ....	
Atkins & Co., E. C. ....	93	Dudley, Arthur N. ....	Hunter Lumber Co. ....	34	Reed & Co. Ltd., Geo. W. ....	74
Austin & Nicholson Ltd. ....	17	Dunlop Tire & Rubber Goods Co. 75	Imrie Lumber Co., R. ....	22	Robertson & Hackett Sawmills, Limited .....	31
			International Land & Lumber Company .....	26	Rolland Lumber Co. ....	22
Bartram, J. C. ....	23	Eagle Lumber Co. ....	Johnson, A. H. ....		Rose-McLaurin Ltd. ....	14
Bainbridge Lumber Co. Ltd. ...		Eastman Lumber Co. ....	Julien, Roch ....	16	Russell Harris Lumber Co. ....	11
Bathurst Company Ltd. ....	19	Eaton & Sons, J. R. ....			Savage & Bartlett ....	13
Beauchemin & Fils ....	34	Eckardt & Co., H. P. ....	Keewatin Lumber Co. ....	11	Savoie-Guay Co. ....	34
Beck Mfg. Co. Ltd., The C. ....	67	Edwards & Co. Ltd., W. C. .... 30	Kennedy & Sons, Wm. ....	79	Schroeder Mills & Timber Co. ..	29
Bell, Geo. W. ....	12	Elk Fire Brick Co. ....	Kinnon Lumber Co. ....	22	Scott, Draper & Co. ....	20
Bennett Lumber Co. Ltd. ....	31	Elmira Machinery & Transmission Company .....	Knox Brothers ....	3	Sewell, Jas. W. ....	13
Bernard Industrial Co., The A. ..		Engineering & Machine Works . 64	Laidlaw Bale Tie Co. ....	13	Shevlin-Clarke Co. ....	6
Beveridge Supply Co. Ltd. ....		Excelsior Lumber Co. ....	Lamontagne Limited .....		Shimer Cutter Head .....	
Big Bear Lumber Co. ....	26		Langlois & Paradis ....	79	Shull Lumber & Shingle Co. ....	33
Bigley, R. ....	83	Farnworth & Jardine ....	Larkin Co., C. A. ....		Shurly Dietrich Co. ....	
Black Rock Lumber Co. ....		Fassett Lumber Co. ....	Larkin Lumber Co. ....	17	Shurly Co. Ltd., T. F. ....	80
Bowden Bros. ....	79	Fesserton Timber Co. ....	Leigh Lumber Co. ....		Simonds Canada Saw Co. ....	36
Brady Machinery Co. ....	96	Fly Terror Mfg. Co. ....	Lemay, E. H. ....	66	Smart, Jas. ....	80
Brantford Roofing Co. ....	76	Foley Lumber Co. ....	Linton Lumber Co. ....	23	Smith Foundry Co. ....	89
British Columbia Lumber Commissioner .....	16	Fraser Bryson Lumber Co. Ltd. 22	Loggie, W. S. ....	14	Smith, N. ....	12
Brennen & Sons, F. W. ....	11	Fraser Companies Ltd. ....	Lloyd, W. Y. ....	13	Spanish River Lumber Co. ....	8
Burchill & Sons, Geo. ....		French, G. M. ....	London Concrete Machinery Co. ....		Stack Lumber Co. ....	14
Bury & Co., Robert ....	29		Long Bell Lumber Co. ....	24	Stalker, Douglas A. ....	
		Gates Engineering Co. ....	Long Lumber Co. ....	23	Staples Lumber Co., Otis ....	71
Cameron Lumber Co. ....	21	Gartshore, John J. ....	Long Manufacturing Co., E. .... 94		St. Lawrence Lumber Co. ....	7
Campbell, MacLaurin Lumber Company .....	66	General Supply Co. of Canada, Ltd. ....	Lumbermen's Indemnity Exchange .....	1	St. Mary's Wood Specialty Co. ..	12
Canada Foundries & Forgings .. 80		Gerlach Co., Peter ....	McCormack Lumber Co. ....		Story Lumber Co. ....	31
Canadian General Lumber Co., Ltd. ....	13	Gidley Boat Co. Ltd. ....	McCuaig & Co., Jas. C. ....	22	Stroud & Co., E. H. ....	79
Canadian Link-Belt Co. ....	36	Gillespie, Jas. ....	McDonagh Lumber Co. ....	16	Summers, James R. ....	12
Canadian Western Lumber Co. Ltd. ....		Gillies Bros., Ltd. ....	McElroy Lumber Co. ....	31	Sutherland, A. A. ....	20
Canada Wire & Iron Goods ....	1	Goodhue & Co. Ltd., J. L. ....	McFadden Ltd., J. J. ....	27	Terry-Nicholson-Cates Ltd. ....	9
Canfield-Wilmot, Ltd. ....	34	Goodday & Co., H. R. ....	McLennan Lumber Co. ....	17	Thompson & Heyland Co. ....	20
Cant & Kemp ....	12	Gordon & Co. Ltd., Geo. ....	McLaren, Limited, D. K. ....		Thurn Maxson Lumber Co. ....	
Canadian Holt Co. ....	87	Grant- Holden-Graham Ltd. .... 86	McLean Building Reports ....		Thurston-Flavelle Ltd. ....	25
Canadian Milk Products ....	81	Gloucester Lumber & Trading .. 28	McNeil Lumber Co. ....	67	Timberland Lumber Co. ....	21
Canadian Tie & Lumber Co. ....	27	Gordon Lumber Co., A. E. ....	Main Belting Co. of Canada ....		Timms, Phillips & Co. ....	33
Chaleurs Bay Mills ....	30	Gravel Lumber Co. Ltd. ....	Manufacturers' Lumber Co. .... 10		Toronto Blower Co. ....	67
Chesbro, R. G. ....	34	Gregertsen Brothers Co. ....	Mason & Co., G. ....	11	Tudhope Anderson Co. Ltd. ....	
Clark Bros. Co. ....	81	Green Co., G. Walter ....	Mason, Gordon & Co. ....	30	Turner & Sons, J. J. ....	1
Clark & Son, Edward ....	6	Grier & Sons, G. A. ....	Maus, Chas. O. ....		Underhill Lumber Co. ....	32-33
Cleveland-Sarnia Sawmills Co. .. 62		Greig-Morris Co. ....	Mershon, Wm. B. ....		U. S. Buyers .....	68-69
Climax Manufacturing Co. ....	79	Greening Wire Co., B. ....	Miller Co., W. H. ....	20	Vancouver Lumber Co. Ltd. ....	33
Colthart & Co., Robt. ....	12	Gutta Percha & Rubber Ltd. ... 86	Montreal Locomotive Works ... 90		Victoria Harbor Lumber Co. Ltd. 18	
Crane, Limited ....		Hall, Adam ....	Montreal Lumber Co. ....	12	Waterous Engine Works Co., Limited .....	95
		Hall Bros. ....	Muir & Kirkpatrick ....	25	Watson & Todd ....	10
Dadson, A. T. ....	11	Hamilton Co., Ltd. Wm. ....	Mussens, Limited ....	85	Westminster Mill Co. ....	33
D'Auteuil Lumber Co. ....	16	Hansen, A. K. ....	Neville Cooper Co. ....		West Peachey & Sons ....	82
Davies Co., Wm. ....		Hardy & Co., E. D. ....	Nevison, J. L. ....	10	Wightman Lumber Co. ....	67
			New Ontario Colonization Co. .. 10		Wilkins Co. Ltd., Robt. C. ....	34

REED'S PATENT  
PORTLAND CEMENT  
FOR LEAKY ROOFS  
THEY ARE THE BEST  
PLUMBERS  
GEO. W. REED & Co.

REED'S PATENT  
TRADE MARK  
ASPHALT CEMENT  
FOR LEAKY ROOFS  
JUST THE THING FOR PLUMBERS  
GEO. W. REED & Co.  
MONTREAL

**Geo. W. Reed & Co. Ltd., Montreal**





# When You Overhaul Your Mill

**T**HERE are wet places in every saw and pulp mill where nothing but the highest class belting can "make good." It is for these wet places that we recommend what most mill-men swear by—our

## "ACME WATERPROOF" BELT

This belt is especially made for a rough and trying service. It has less stretch than any other belt by 15 to 25 per cent.

When you are overhauling try a Goodhue "Acme Waterproof" belt. Other Goodhue belts are "Extra" and "Standard."

*Prices and Particulars on Request.*

**J. L. Goodhue & Company, Limited**  
DANVILLE - QUÉBEC

Vancouver Agents: Fleck Bros., Limited, 110 Alexander St., Vancouver, B.C.  
Winnipeg Agents: Bissett & Webb, Limited, End of James St., E. Winnipeg, Man.  
Standard Machinery and Supplies, Limited, 261 Notre Dame St. West, Montreal, Que.



## DUNLOP BELTING AND HOSE

for the  
**Lumbering Industry**

"GIBRALTAR REDSPECIAL"—the high-grade  
Transmission Belting for all Drives.

"FIRE HOSE"—a necessity where the Fire risk is  
high. "Dunlop" Brands afford ad-  
equate and efficient protection.

**DUNLOP**

Belting, Hose, Packing and General Mechanical Rubber Products for Every Purpose





*Where All Men  
May See*

Usually the first to attract the eye—always in plain view—the beauty and quality of a Brantford Roof need never be taken “on faith.”

On fine buildings in every community Brantford Asphalt Slates give visible proof of the quality that is in them. Unfading in color, resisting fire, unharmed by the test of wind and storm.

## Brantford Roofs

Distributed under Brantford Roofing Trade Marks, through Brantford Roofing Dealers. Stock carried, information furnished, service rendered by our dealer in your district.

**Brantford Roofing Co., Limited**

Head Office and Factory  
Branches at Toronto, Montreal, Halifax and Winnipeg

Write for descriptive literature,  
or advice on  
Roofing problems  
**Brantford, Ontario**

Four Unfading  
Colors: Blue-Black,  
Red, Tile-Red and  
Green.  
Brantford Asphalt  
Slates, in 4-12-1  
Slabs.  
Tapered Slates  
with the heavy butt.  
Arrow-Loose Slates  
(red or green) for  
diagonal effects.

Another of the 1923  
campaign 800 line  
advertisements in  
daily newspapers.

*Homes of every class and size are now  
built with Brantford Roofs. The market  
grows from year to year.*

## Brantford Dealers get the Business



# JUST OUT!

## Payette's "Thoro-bred"

### LATEST IMPROVED NO. 2 LATH MILL

Will cut any quantity of laths, depending upon the amount of stock you are able to supply it with.

**P. Payette & Co.**

J. T. PAYETTE, Proprietor

PENETANG - ONTARIO

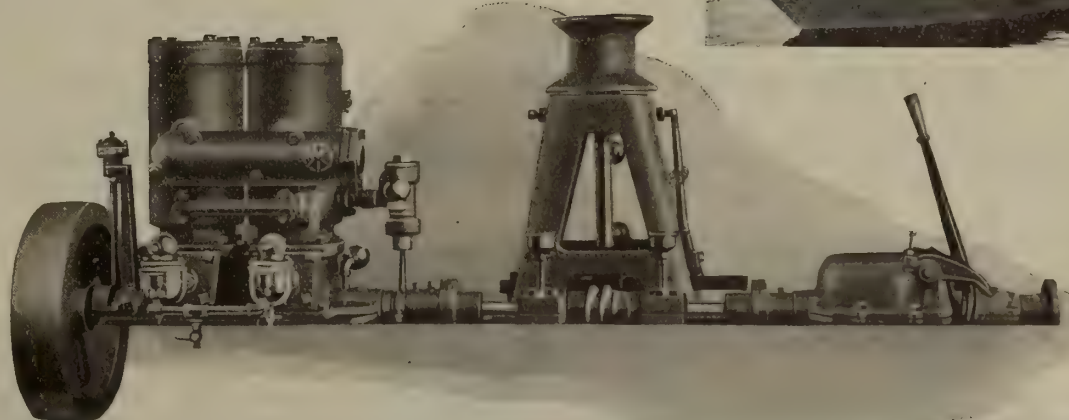


# Adams Gasoline Alligator Pointers

A big saving in time and money can be effected by the use of an Adams Pointer in your logging.

This powerful and efficient gasoline boat is built to give the service under heaviest working conditions and is proving its superiority over the large and more awkward craft and makes it the successful rival of alligators and tugs.

**Send for data and prices**



Above cut shows machinery that is installed in a 26'-6" x 6' Special Lumberman's Pointer

## Adams Engine Co., Penetang, Ont.

J. T. PAYETTE, Proprietor



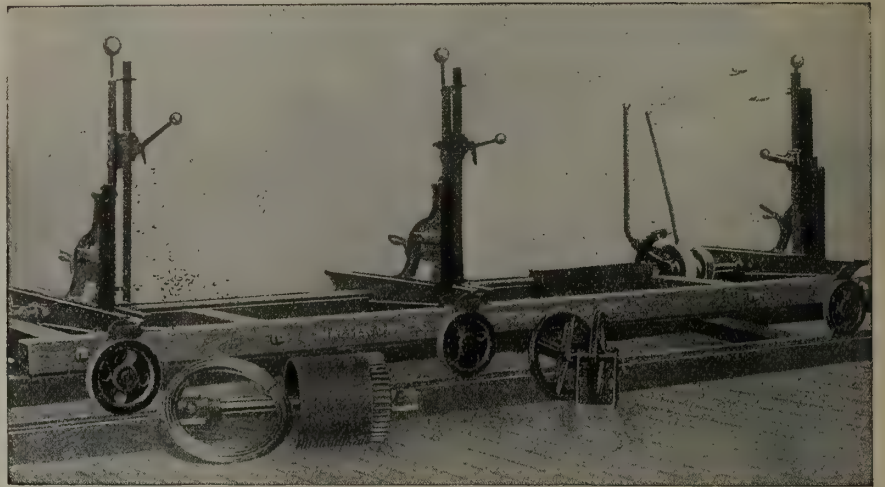
# The Carriage You Are Looking For

## Our No. 1 Size

**CARRIAGE**—Has three head blocks, as shown in cut, usually set 9 and 6 feet apart, will be placed any distance apart to suit purchaser. Knees open 38 in. from saw, and is fitted with Knight or Peel dogs, as desired. Taper movement on each knee. 1 15-16 in. steel set bar with steel pinions and coil spring receder, and friction lever brake for stopping knees where required. Timbers are 5 x 6 in., or heavier if desired, well bolted and braced. Diameter of truck wheel, 12 in. Axles 1 3/4 in. diameter, and extend clear across carriage, are furnished with self-oiling bearings. Front block is fitted with timber rule, placed as desired; 54 feet of V and flat track furnished with each carriage.

**SET WORKS**—As shown in cut, is made up of ratchet wheel 12 in. diameter, 4 in. face, with set lever carrying 7 steel pawls of varying lengths; also, same number of check pawls set in quadrant. Both sets of pawls are disengaged from either side of carriage when required to recede knees. This is a positive set, without lost motion.

**FEED WORKS**—As shown in cut, consists of 16 x 12 in. drum, with spur gear keyed to shaft. Pinion or friction shaft in saw frame engages with this gear. Cable takes two or three turns around drum, and is passed around end sheaves and attached to carriage. We also furnish 26 in. drum with internal gear in place of 16 in. drum when desired.



*For Shingle, Lath and Portable Saw Mill Machinery  
write the well known manufacturers*

# The G. Walter Green Co., Limited

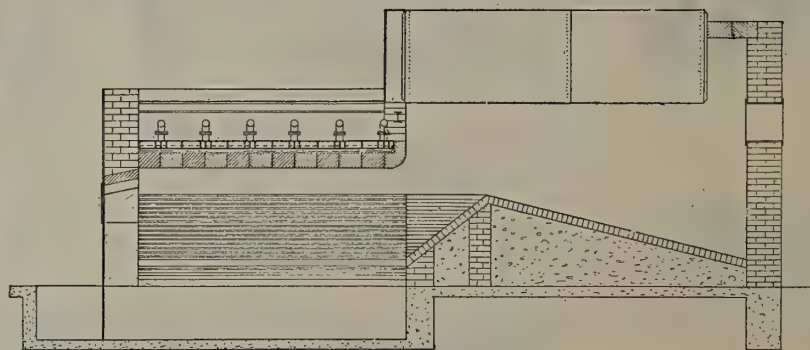
Send for Catalogue

PETERBOROUGH, ONT.

# GATES FURNACE

**For Burning Sawdust  
and Hog Fuel**

*Will burn tan bark, hog fuel  
and sawdust efficiently, with up  
to 60% moisture.*



Gates Air Cooled Sus-  
pended Arches

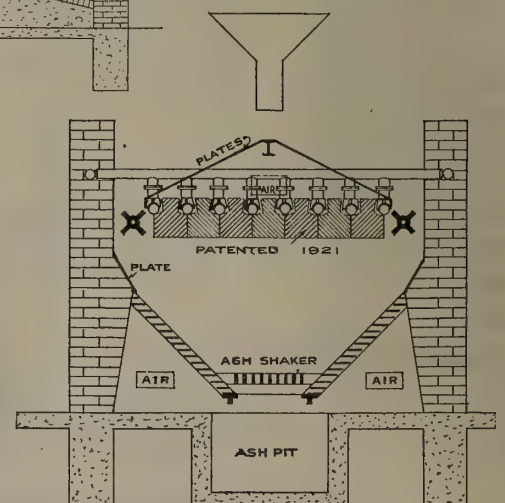
Boiler Door Arches and  
Jambs

## BOILER AND FURNACE EFFICIENCY

Knox Bros. Ltd., who are specialists in British Columbia forest products, and handle the very best, in and from, the West, have decided that the best equipments for handling their products economically (is none too good) for their first unit of their new re-inforced Concrete Mill which they are erecting on the Bickerdike Pier, Montreal, Que.

With boiler and furnace efficiency in view, and lowest maintenance cost being a factor as well, they have awarded the contract for the Boiler Brick Setting and the supplying of three Gates Engineering Co. Ltd.'s. special Dutch Ovens with incline grates, and Flat Arch Suspension Harness of the Air Cooled type, for taking care of all their mill refuse. This type of furnace will burn economically, tan bark, hog fuel, and sawdust efficiently, with up to 60% moisture content and 150% to 200% Boiler Rating.

We specialize in Boiler Settings and Furnace Brickwork and give the benefit of (30) thirty years' experience. Ready to go anywhere to build new Boiler Settings and overhaul and Reset old Boilers and build Furnaces.



**Gates Engineering Company Ltd., 314 Notre Dame St. W, Montreal**

J. W. Gates, General Manager

Phone Main 662, Melrose 367



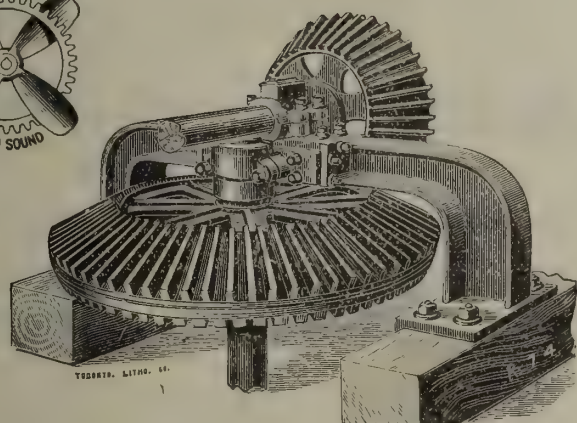
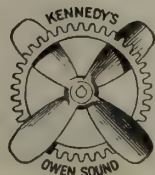
# To Purchasing Agents of Groceries and Camp Supplies

*Is our name on your Requisition List?*

## LANGLOIS & PARADIS, LTD.

19 ST. JAMES ST., QUEBEC CITY

### KENNEDY Transmission Machinery



We have, without exception, the largest range of patterns in Canada for gears, pulleys, bearings and bridgetrees. We build transmission Machinery to any specifications.

**The Wm. Kennedy & Sons**  
OWEN SOUND ONTARIO LIMITED

District Representatives:

Maritime Representative

M. B. SAUNDERS,  
8 Silver Street, Cobalt  
Phone Cobalt 153

C. A. FOWLER,  
Tramway Bldg.,  
Halifax, N.S.

H. C. KENNEDY,  
232 St. James St., Montreal.  
Phone Main 394

### STROUD AIR SEPARATION WOOD PULVERIZER

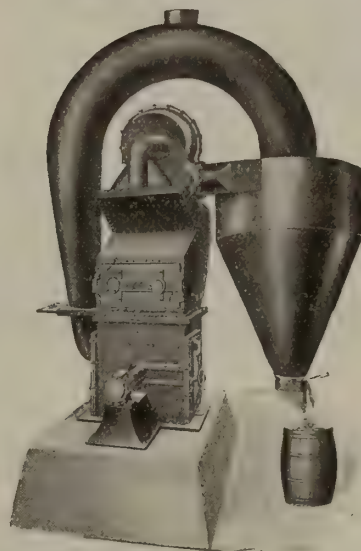
AN EFFICIENT METHOD  
AND  
MACHINE FOR MAKING

### WOOD FLOUR

FROM  
SAWDUST, SHAVINGS,  
PLANER CHIPS,  
AND  
OTHER WASTE WOOD  
OF  
FEED SIZE.

A VERY PROFITABLE  
DISPOSITION  
OF  
THESE PRODUCTS

OPERATES CON-  
TINUOUSLY WITH VERY  
LITTLE ATTENTION.



No bearings in the grinding chamber. No sieves or screens. Automatic lubrication. Makes Wood Flour far finer than any other known method. Made in 5 sizes.

The one machine makes any grade of Meal or Flour desired, at low cost.

**E. H. STROUD & COMPANY**

Engineers and Manufacturers

928, 930, 932 & 934 Fullerton Ave.

Chicago, Ill.

### BOWDEN BROS. BELT DRESSINGS

THE MODERN BELT CLEANER AND PRESERVER

#### POWER

#### Belt Oil

Our Three Grades  
Light, Medium and  
Heavy

Constitute a Real  
Food for Leather  
Works While Your  
Belt Works  
Under Any Condition  
of Dust, Heat or  
Exposure



#### PROTECTION

#### Rubber Facing

For Rubber And  
Balata

#### Rope Filler

For  
Rope Transmission

#### Bar Dressing

A Dubbing for Heavy  
Service Belts and  
Rope Drives

"What we're on we'll cling to"

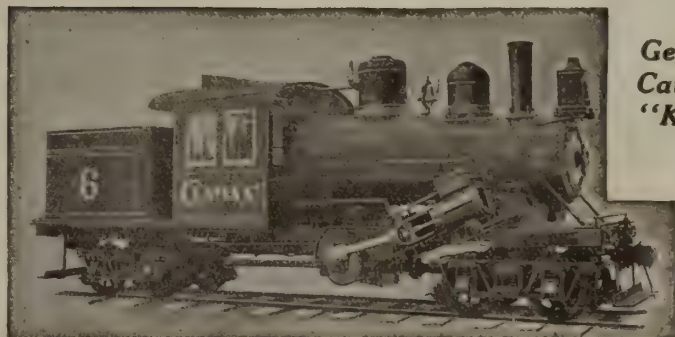
Our products contain the best known compound for cleaning, filling and preserving belts and ropes

**BOWDEN BROS.**

PRIMROSE AVE. AND C.P.R. TRACKS W. TORONTO, CANADA  
Phone Ken. 4634 J.

### CLIMAX GEARED LOCOMOTIVES

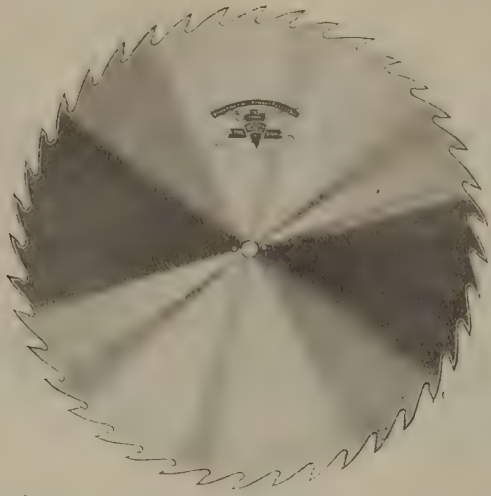
ARE BUILT FROM 12 TO 90 TONS



Get  
Catalogue  
"K"

CLIMAX MANUFACTURING Co., CORRY, PA.  
CLIMAX LOCOMOTIVE CO., 67 COLUMBIA ST., SEATTLE, WASH.  
VANCOUVER MACHINERY DEPOT, LTD., VANCOUVER, B.C.





## ARROW HEAD SAWS

*Made  
of  
Vanadium  
Steel*

Actual experience has shown that an Arrow Head Saw made of Vanadium Steel will work for longer stretches without resetting, will live a longer life and a more profitable one, than other saws made of other kinds of steel.

Have you our latest price list on file?

**T. F. SHURLY COMPANY LIMITED**  
ST. CATHARINES — ONTARIO

## The Axe You'll Eventually Buy



Right across Canada Smart's 444 is recognized as the axe of standard and dependable quality.

Its perfect balance and hand-comfort appeal to men who want a better axe—an axe that lasts on the job all day and every day.

**Single Bit  
Double Bit**

**Any Shape. Any Weight**

Get a 444 from your Hardware man

**James Smart Plant**  
Brockville, Ontario

St. John Montreal Toronto Winnipeg Vancouver

## Subscribers' Information Form

Many letters reach us from subscribers enquiring where a certain machine, a certain kind of lumber or veneer, or some other class of goods, can be obtained. We can usually supply the information. We want to be of service to our subscribers in this way, and we desire to encourage requests for such information. Make use of this form for the purpose.

"CANADA LUMBERMAN"  
345 Adelaide Street West, Toronto

Date.....19..

Please tell us where we can procure .....

.....

.....

.....

Name .....

Address .....



# You'll be Surprised at How Little it Actually Costs to Supply Milk for Every Lumber Camp Need

There's no food like milk. It will enable the cook to serve a greater variety of wholesome dishes. Nothing will go so far toward keeping the men contented and in good health.

C.M.P. Powdered Milk Products make liquid milk that is just like fresh cow's milk in taste and consistency. To make into liquid milk simply add fresh water. Powdered milk bulks small and requires only a cool, dry place for storage. Can be used as required. The last tin will be as good as the first.

Samples sent on request.

## CANADIAN MILK PRODUCTS Ltd.

347 West Adelaide St.

Toronto

366 St. Paul Street West,  
Montreal, Que.

428 Main Street,  
Winnipeg, Man.

British Columbia Distributors:  
Kirkland & Rose  
130 Water Street, Vancouver, B.C.

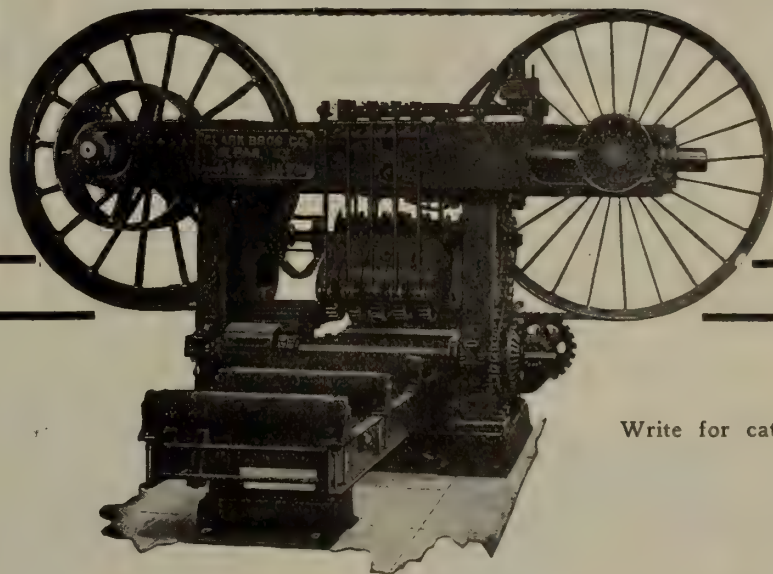
"Milkstock"—Powdered skim milk packed in 50 lb. and 100 lb. drums. Order from your wholesale grocer or direct.

"Trumilk"—Powdered whole milk packed in 45 lb. and 90 lb. drums. Order direct from us.



## CLARK HORIZONTAL RESAW

A Resaw will increase your cut 20% and adds only three or four men to your pay roll, less than 5%. Will often "pay out" in less than three months. A CLARK RESAW having the return within the machine and having a long table with the operator at the front and similar to an edger, not only avoids the initial expense of purchase and installation of return transfer, but also uses at least one less and usually two less men than other makes of resaws.



Write for catalogue.



**CLARK BROTHERS COMPANY**  
OLEAN, N.Y.



# Pink's Lumbering Tools

The Standard Tools in every province of the Dominion, New Zealand, Australia, etc.  
We manufacture all kinds of lumber tools. Light and Durable.

Long Distance Phone, No. 87

Send for Catalogue and Price List.

Sold throughout the Dominion by all Wholesale and Retail Hardware Merchants.

## The Thomas Pink Company, Limited

*Manufacturers of Lumber Tools*

PEMBROKE

ONTARIO

It's a Pink any-  
way you take  
it and it's the  
best Peavey  
made.



***Not altogether what we say,  
but what users say***

"We have used the Alligator or Warping Tug manufactured by you for the last 7 or 8 years, and consider them indispensable to lumbermen on waters of French River or similar streams."

Will move a bag containing 60,000 logs,  
in calm weather, 30,000 in a head wind.

**West, Peachey & Sons Simcoe, Ont.**



## Gerlach Modern Machinery Produces Cheaper and Better

Tight and Slack Cooperage Stock for Barrels, Kegs and Tubs, ready to set up into non-leaking packages of 5 to 120 gallons liquid capacity, or for semi-liquid and dry materials up to 800 lbs. weight. We manufacture machinery for sawing, jointing, planing and crozing staves; for sawing, jointing, dowsing, planing and circling heading.

### MODERNIZE YOUR PLANT

Scrap Machinery invented before the Civil War and install a Gerlach Outfit that will make Tight Barrels that are tight, from any strong non-porous timber.

### BUILD

Barrels with perfect joints that will not leak; a product that is infinitely superior to the tin and iron near barrels now being experimented with. Wood is tasteless, stainless and rustless and being a poor conductor of heat or moisture, keeps its contents in their original condition.

CYLINDER SAWS RESTEELED

MODERN BOXBOARD MACHINERY

## The Peter Gerlach Co.

Columbus, Winter and Leonard Sts.  
CLEVELAND, OHIO



**Wire Rope, Special Alligator Ropes, with  
proper Attachments. Saw Carriage Ropes.  
Haulage Ropes. Wire Rope Fittings.**

IMMEDIATE SHIPMENT

## The Dominion Wire Rope Co.

Head Office: MONTREAL

LIMITED

Stocks also at: TORONTO, WINNIPEG



Side Outlet  
Flanged Tee

Long Turn Elbow



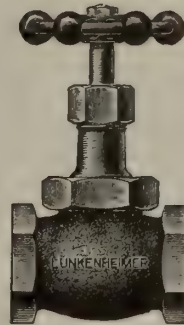
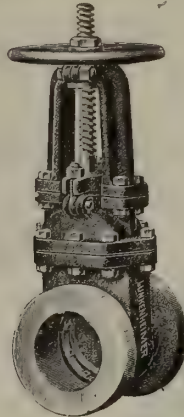
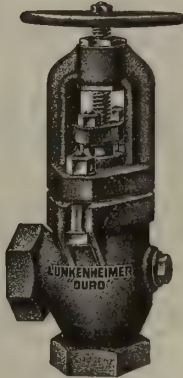
Single Sweep Tee



Base Elbow



Double Sweep Tee



Established 1875

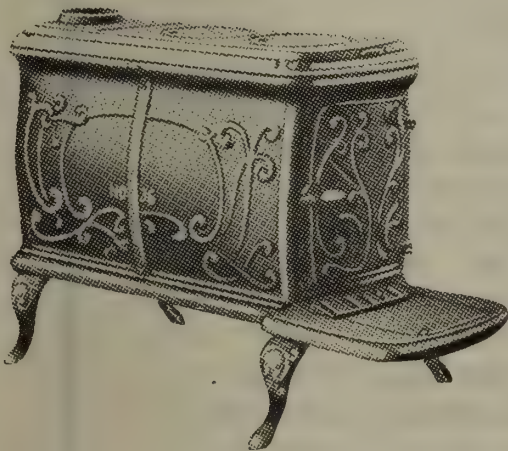
**THE R. BIGLEY MANUFACTURING CO. LTD., TORONTO, CAN.**

*Manufacturers of*

Cast Iron Screwed and Flanged Fittings, Standard and Extra Heavy. Distributors of Lunkenheimer and Jenkins Valves, Wrought Iron Pipe, Packing, etc.

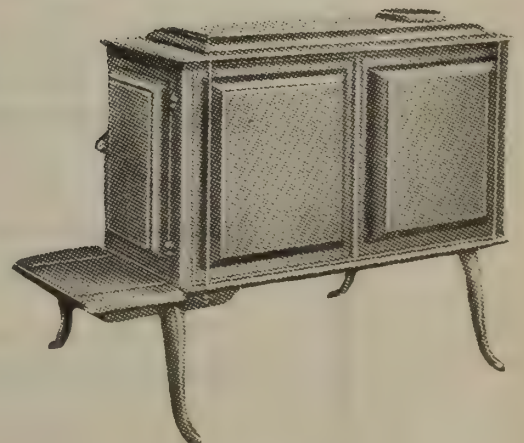
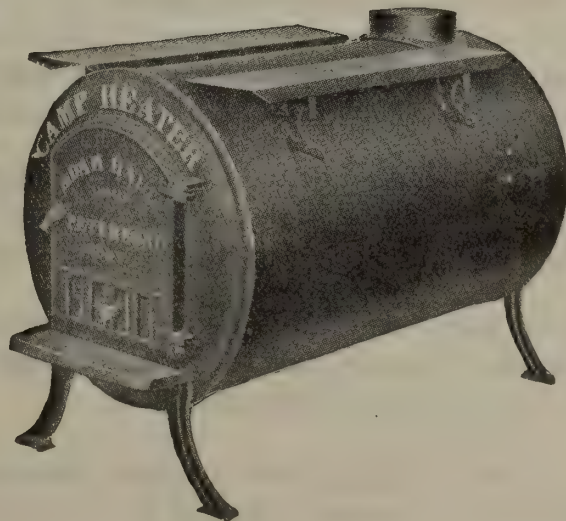
Let us know your requirements and we will be pleased to furnish immediate quotations.

We can fill orders direct from stock.



# CAMP HEATERS AND RANGES

The Best That  
Money Can Buy



Write  
us  
that  
letter  
now  
for prices  
and full particulars

**ADAM HALL, LTD.** Peterborough, Ont.  
Pioneer Manufacturers of Camp Ranges and Heaters





This engraving of a Link-Belt Chain has become familiar to Canadian industry through its use of Canadian business publications exclusively.

**“I cannot speak too highly of the results we have obtained through consistent use of large space in business papers”**

Julius Holl, Advertising Manager.  
Canadian Link-Belt Company, Limited.



The Link-Belt Company is among the largest manufacturers of elevating, conveying and power transmission chains, coal and gravel washing machines, ash handling equipment, locomotive cranes and similar products. Their problem is to sell to many diversified industries and they use established business papers with extraordinary results.

What Link-Belt have done you can do also by placing your Sales Message in a publication that reaches your definite prospects in a business-like manner.

An advertisement in a business or technical newspaper reaches a specific trade or industry without circulation wastage among readers who have no particular interest in the goods you sell.

Some of the most successful advertising campaigns in Canada of recent years have used trade, business and technical periodicals, either exclusively or as the foundation for a more general appeal.

The advantages of being able to reach a known prospective buyer through a publication he uses in his business cannot be over-estimated.





Linn Logging Tractor on the operation of The Power Lumber Co. Ltd., of St. Pacome, Que., (at L'Esperance)

# THE LINN LOGGING TRACTOR

Mr. W. Gerard Power, President of The Power Lumber Co. Limited, has perhaps, the greatest experience in Tractor haulage of any operator in Canada—and as the result of his broad experience, he became satisfied that there was but one Logging Tractor, and that was the Linn Logging Tractor. As the result of this decision he installed a Linn Logging Tractor at his company's operation at L'Esperance Quebec, this winter, and the results that he obtained fully justified his decision.

The operation of the Power Lumber Company Limited, at L'Esperance was probably one of the most difficult in either Ontario or Quebec—the haul was ten miles in length—against the grain of the country—with six or seven steep up-grades varying from six to twelve per cent—the roads were snow roads, and in many cases, so rough was the weather, that it was almost impossible for the operator to see the road because of the drifting snow. Yet every stick of their wood was brought out.

This is the fourth of a series of photographs which is appearing in this journal illustrative of Linn efficiency—The fifth will appear in the June first issue.

*“Ask the logger who uses one”*

—Logging Department—

## MUSSENS LIMITED

Philips Place Building

Montreal



## TENTS

We make all kinds and styles of Tents, Tarpaulins, Packsacks and Dunnage Bags.

In fact we can supply all Lumbermen's requirements and give satisfaction.

Write for our new complete catalogue.



## CLOTHING

G - H - G Clothing means complete satisfaction.

With our many years of experience in making clothing for Lumbermen we know their requirements in comfort and wear.

Our **DURABIL** Mackinaws are the pride of the Lumbermen.

# Grant-Holden-Graham

*Manufacturing Wholesalers and Importers*

Limited

Ottawa

147-151 Albert Street

Canada



# Rubber Goods FOR LUMBERMEN

### Belting

Our long experience in the making of Rubber Belts enables us to specialize on this line. "P. M. S.," "Special Drive" and "Lion" are our leading brands for power transmission.

### Packings

"Redstone" High Pressure Sheet Packing has proved by test that it will outlast any other similar packing on the market. We make Spiral and Ring Packings, etc., that are equally reliable.

### Hose

for Steam, Water, etc., in various grades, made especially to give satisfactory and economical service under different conditions.

### Fire Hose

One or more of our twenty brands of Fire Hose will be found, not only in the best equipped Factories, Mills, etc., but in almost every Fire Department in the Dominion.

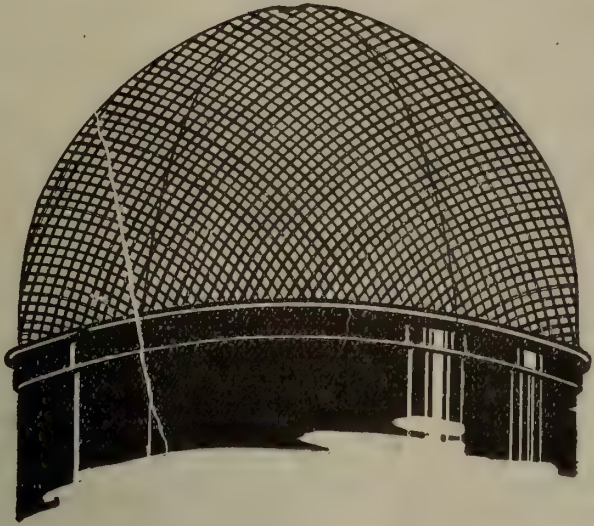
### Rubber Footwear

We make a complete line of Lumbermen's boots. For over 25 years, our Maltese Cross Brand has been the leading line in Canada. Make sure you get this old dependable brand.

## Gutta Percha & Rubber Limited

TORONTO HALIFAX MONTREAL OTTAWA HAMILTON LONDON FORT WILLIAM WINNIPEG REGINA  
SASKATOON EDMONTON CALGARY LETHBRIDGE VANCOUVER VICTORIA





## GREENING'S WIRE CLOTH AND SCREENS

The superiorities that users have come to expect from any article bearing the name Greening results from the highest standards of manufacture plus a long and intimate knowledge of the conditions of service under which their products are used.

For more than sixty years the B. Greening Company have kept accurate records of all statistics that effect the wear, service and cost. These statistics are at the disposal of anyone and frequently save purchasers time and money.

THE **B. GREENING WIRE CO., LIMITED**  
HAMILTON, ONTARIO  
MONTREAL, QUE. WINNIPEG, MAN.

*Complete stocks carried at these points*



## It Shows Real Savings the Year Round

Our constant study of the needs of the lumberman, coupled with years of tractor building experience, has made the Northern "Caterpillar"\* Logger a practical and economical machine for both small and large operations. It is compact in build, is extremely powerful and easy to operate. Its wide range of speeds enables it to haul over all grades and to travel at faster speeds on the level and on return trips. Many operators say it is as indispensable for summer and fall operations as for winter work. Used for swamping out and building roads, hauling supplies to camps, or making up and pulling trains, you will find the Northern "Caterpillar" Logger the surest means of reducing logging costs. Write today for catalog.

*\*There is but one "Caterpillar"—Holt builds it*

**We maintain complete service stocks**

**CANADIAN HOLT COMPANY, Limited**

1109 St. Catherine St., W., Montreal, P.Q.

Telephone Uptown 1504

*Branches and Service Stations all Over the World*

**CATERPILLAR**  
**H O L T**



# CANADA LUMBERMAN BUYERS' DIRECTORY

The following regulations apply to all advertisers:—Eighth page, every issue, three headings; quarter page, six headings; half page, twelve headings; full page, twenty-four headings

## ALLIGATORS

Payette Company, P.  
West, Peachy & Sons

## AXES

Canada Foundries & Forgings Ltd.

## BABBITT METAL

General Supply Co., of Canada, Ltd.

## BALE TIES

Laidlaw Bale Tie Company

## BAND MILLS

Hamilton Company, William  
Waterous Engine Works Company  
Yates Machine Company, P. B.

## BAND SAW BLADES

Simonds Mfg., Co.

## BAND RESAWS

Mershon & Company, W. B.  
Yates Machine Co., P.B.

## BARKERS

Bertrand, F. X., La Compagnie  
Manufacturiere.  
Smith Foundry & Machine Co.

## BEARING METAL

Beveridge Supply Co., Ltd.

## BELT DRESSING

Dominion Belting Co.  
General Supply of Canada, Ltd.  
McLaren, D. K. Ltd.

## BELT FASTENERS

McLaren, D. K. Ltd.

## BELTING

Dominion Belting Co.  
General Supply Company  
Goodhue & Co., J. L.  
Gutta Percha & Rubber Company  
D. K. McLaren, Limited  
York Belting Co.

## BLOWERS

Reed & Co., Geo. W.  
Sturtevant, B. F. & Co.  
Toronto Blower Company

## BOILERS

Engineering & Machine Works of  
Canada  
Hamilton Company, William  
Waterous Engine Works Company

## BOILER PRESERVATIVE

Beveridge Supply Company

## BOX MACHINERY

Yates Machine Company, P. B.

## CABLE CONVEYORS

Engineering & Machine Works of  
Canada.

Hamilton Company, William  
Waterous Engine Works Company

## CAMP SUPPLIES

Davies, The Wm. Co., Ltd.  
Dr. Bell Veterinary Wonder Co.  
Howland, H. S. Sons & Co.  
Johnson, A. H.  
Turner & Sons, J. J.  
Woods Manufacturing Co., Ltd.

## CANT HOOKS

General Supply Co., of Canada, Ltd.  
Pink & Company, Thomas

## CARS

Mussens, Ltd.

## CEDAR

Adams River Lumber Co.  
Bury & Co., Robt.  
Cameron Lumber Co.  
Canadian Western Lumber Co.  
Chesbro, R. G.  
Fesserton Timber Company  
McElroy Lumber Co., Ltd.  
Muir & Kirkpatrick  
Rose, McLaurin, Limited  
Terry-Nicholson-Cates Ltd.  
Thurston-Flavelle Lumber Co.  
Vancouver Lumber Company.  
Victoria Lumber & Mfg. Co.

## CHAINS

Canadian Link-Belt Company, Ltd.  
General Supply Co., of Canada, Ltd.  
Engineering & Machine Works of  
Canada  
Hamilton Company, William  
Pink & Company, Thomas  
Waterous Engine Works Company

## CLOTHING

Grant-Holden-Graham  
Woods Mfg. Company

## CONCRETE MIXERS

Mussens, Ltd.

## CONVEYOR MACHINERY

Canadian Link-Belt Company, Ltd.  
General Supply Co., of Canada, Ltd.  
Hamilton Company, William  
Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.  
Waterous Engine Works Company

## CORDWOOD

McClung, McLellan & Berry

## COUPLING (Shaft)

Engineering & Machine Works of  
Canada

## CRANES

Hopkins & Co., Ltd., F. H.  
International Land & Lumber Co.  
Canadian Link-Belt Company, Ltd.

## CUTTER HEADS

Shimer Cutter Head Company  
Yates Machine Co., P.B.

## CYPRESS

Maus Lumber Co., Chas. O.  
Wistar, Underhill & Nixon

## DERRICKS AND DERRICK FITTINGS

Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.

## DOORS

Canadian Western Lumber Co.  
Mason, Gordon & Co.  
Terry-Nicholson-Cates Ltd.

## DOORS, FIREPROOF

Mussens, Ltd.

## DRAG SAWS

Gerlach Company, Peter  
Hamilton Company, William

## DRY KILNS

Sturtevant, B. F. & Co.

## DUST COLLECTORS

Reed & Co., Geo. W.  
Toronto Blower Company

## EDGERS

Hamilton Company, Ltd., William  
Green Company, G. Walter  
Long Mfg. Company, E.  
Payette Company, P.  
Waterous Engine Works Company  
Yates Machine Co., P.B.

## ELEVATING AND CONVEYING MACHINERY

Canadian Link-Belt Company, Ltd.  
Engineering & Machine Works of  
Canada

Hamilton Company, William  
Mussens, Ltd.

Waterous Engine Works Company

## ENGINES

Engineering & Machine Works of  
Canada  
Hamilton Company, William  
Payette Company, P.  
Sylvester Manufacturing Co.  
Waterous Engine Works Company

## EXCELSIOR MACHINERY

Elmira Machinery & Transmission  
Company

## EXHAUST FANS

Sturtevant, B. F. & Co.  
Toronto Blower Company

## EXHAUST SYSTEMS

Reed & Co., Geo. W.  
Toronto Blower Company

## FURNACES

Gates Engineering Co.

## FILES

Simonds Canada Saw Company

## FIR

Adams River Lumber Co.  
Apex Lumber Co.  
Associated Mills, Limited  
Bainbridge Lumber Company  
Cameron Lumber Co.  
Canadian Western Lumber Co.  
Canfield-Wilmot, Ltd.  
Chesbro, R. G.

Fesserton Timber Co.  
Gordon Lumber Co., A. E.  
Grier & Sons, Ltd., G. A.  
Knox Brothers  
Mason, Gordon & Co.  
McElroy Lumber Co., Ltd.  
Rat Portage Lumber Co.  
Robertson & Hackett Sawmills  
Rose, McLaurin, Limited  
Terry-Nicholson-Cates Ltd.  
Timberland Lumber Company  
Timms, Phillips & Co.  
Underhill Lumber Co.  
Vancouver Lumber Company  
Vanderhoof Lumber Company  
Victoria Lumber & Mfg. Company

## FIRE BRICK

Beveridge Supply Co., Limited  
Elk Fire Brick Company of Canada

## FIRE FIGHTING APPARATUS

Waterous Engine Works Company

## FITTINGS

Crane Limited

## FLOORING

Cameron Lumber Co.  
Canfield-Wilmot, Ltd.  
Chesbro, R. G.  
Gordon Lumber Co., A. E.  
Long-Bell Lumber Company  
Rat Portage Lumber Co.  
Terry-Nicholson-Cates, Ltd.

## GEARS (Cut)

Smart-Turner Machine Company

## GUARDS (Machinery and Window)

Canada Wire & Iron Goods Co.

## HARDWOODS

Anderson Lumber Company, C. G.  
Anderson, Shreiner & Mawson  
Atlantic Lumber Company  
Black Rock Lumber Co.  
Bury & Co., Robt.  
Cameron & Company  
Clark, Edward & Sons  
Edwards & Co., W. C.  
Fassett Lumber Company, Limited  
Fesserton Timber Co.  
Gillespie, James  
Gloucester Lumber & Trading Co.  
Grier & Sons, Ltd., G. A.  
Harris Lumber Co., Frank H.  
Kinnon Lumber Co.  
Long-Bell Lumber Co.  
Knox Brothers  
Mason & Company, Geo.  
Maus Lumber Co., Chas. O.  
McDonagh Lumber Company  
McLennan Lumber Company  
McNeil Lumber Co.  
Murphy Lumber Co., Wm. J.  
Pedwell Hardwood Lumber Co.  
Summers, James R.

## HARDWOOD FLOORING

Grier & Sons, Ltd., G. A.  
Seaman-Kent Co.

## HARNESS

Lamontague, Ltd.

## HEMLOCK

Anderson Lumber Company, C. G.  
Anderson, Shreiner & Mawson  
Beck, C. Mfg. Co.  
Big Bear Lumber Co.  
Canadian General Lumber Company  
Edwards & Co., W. C.  
Fesserton Timber Co.  
Gordon Lumber Co., A. E.  
Grier & Sons, Ltd., G. A.  
Hocken Lumber Company  
Mason, Gordon & Company  
McCormack Lumber Company  
McDonagh Lumber Company  
McElroy Lumber Co., Ltd.  
Rat Portage Lumber Co.  
Robertson & Hackett Sawmills  
Stalker, Douglas A.  
Terry-Nicholson-Cates Ltd.  
Vancouver Lumber Company  
Vanderhoof Lumber Company

## HOISTING AND HAULING ENGINES

General Supply Co., of Canada, Ltd.

(Continued on page 124)





## THE MARK OF DISTINCTION IN CIRCULAR SAWS



The first Circular Saws made in this Country were placed on the market by R. HOE & CO. in 1828, and GENUINE HOE SAWS have held the leadership in QUALITY, FINISH and SATISFACTORY SERVICE during the 94 years intervening to the present day.

For all purposes, and under all climatic conditions, the GENUINE HOE CHISEL-TOOTH and SOLID TOOTH CIRCULAR

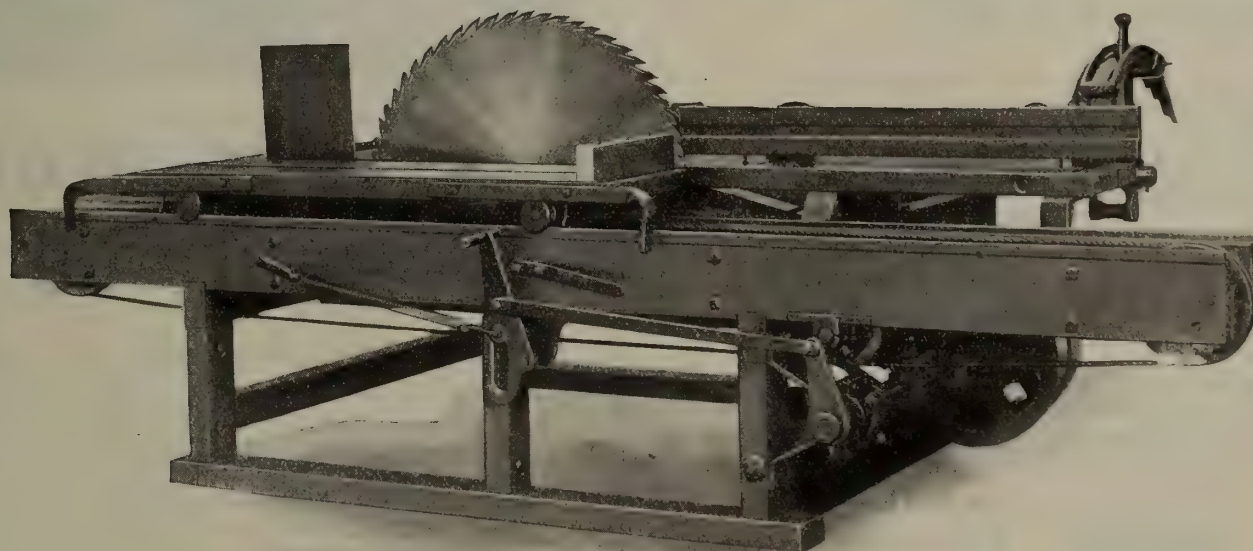
SAWS have proven their superiority in every part of the World, and backed by a guarantee of absolute satisfaction no operator could do better than to use GENUINE HOE SAWS exclusively.



**R. HOE & CO., NEW YORK**

**AMERICA'S OLDEST SAW MANUFACTURERS**

## "Superior" Automatic Bolter



The Superior Automatic Bolter was designed and built especially for Fraser Co's. Ltd., for use in their lath mills.

A feature of this machine is its simplicity, great strength and enormous capacity for hard, continuous work. It will make from 12 to 15 cuts per minute and is ideal for sawing mining lath, bolting round wood for house lath, or bolting white birch for spool bars. The hand lever on the side gives the operator full control of the machine

at all times, as to stopping and starting, either forward or backward. A small dog holds the control lever in the stop position.

Prices and full particulars may be obtained by writing—

**THE SMITH FOUNDRY CO., LTD.**

Fredericton - New Brunswick



Hopkins & Co., Ltd., F. H.  
London Concrete Machinery Co.  
Mussens, Ltd.

**HOSE**

General Supply Co., of Canada, Ltd.  
Gutta Percha & Rubber Company  
Mussens, Ltd.

**INSURANCE**

Hardy & Company, E. D.  
Lumberman's Indemnity Exchange  
Rankin Benedict Underwriting Co.

**INTERIOR FINISH**

Cameron Lumber Company  
Canadian Western Lumber Co.  
Canfield-Wilmot, Ltd.  
Eagle Lumber Company  
Mason, Gordon & Co.  
Rose, McLaurin, Limited  
Terry-Nicholson-Cates, Ltd.

**KILN DRIED LUMBER**

Bury & Co., Robt.

**KNIVES**

Disston & Sons, Henry  
Simonds Canada Saw Company  
Waterous Engine Works Company

**LAMPS AND LANTERNS**

Coleman Lamp Co.  
Mussens, Ltd.

**LARCH**

Otis Staples Lumber Company

**LATH**

Adams River Lumber Co.  
Anderson, Shreiner & Mawson  
Apex Lumber Company

Austin & Nicholson  
Beauchemin & Fils, P.  
Beck, C. Mfg. Co.

Brennen & Sons  
Cameron Lumber Company  
Canadian General Lumber Company  
Carew Lumber Company, John

Chaleurs Bay Mills  
Dadson, A. T.  
Eagle Lumber Company  
Fassett Lumber Company, Limited  
Foley Lumber Company  
Fraser Bryson Lumber Co., Ltd.  
French, G. M.  
Gloucester Lumber & Trading Co.  
Gordon Lumber Co., A. E.  
Greig Morris Ltd.  
Grier & Sons, Ltd., G. A.  
Harris Tie & Timber Company, Ltd.  
Larkin Company, C. A.  
Mason & Company, Geo.  
McLennan Lumber Company  
Miller, W. H. Company  
New Ontario Colonization Company  
Otis Staples Lumber Company  
Power Lumber Company  
Shevlin-Clarke Company  
Terry-Nicholson-Cates, Ltd.  
Victoria Harbor Lumber Company

**LATH BOLTERS**

General Supply Co. of Canada, Ltd.  
Hamilton Company, William  
Payette & Company, P.

**LOCOMOTIVES**

Engineering & Machine Works of  
Canada  
General Supply Co. of Canada, Ltd.  
Hopkins & Co., Ltd., F. H.  
Climax Manufacturing Company  
Montreal Locomotive Works  
Mussens, Ltd.

**LINK-BELT**

Canadian Link-Belt Company  
Hamilton Company, William

**LOCOMOTIVE CRANES**

Canadian Link-Belt Company  
Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.

**LOGGING ENGINES**

Engineering & Machine Works of  
Canada

Hopkins & Co., Ltd., F. H.  
Mussens Limited

**LOG HAULER**

Engineering & Machine Works of  
Canada  
Green Company, G. Walter  
Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.  
Payette & Company, P.

**LOGGING MACHINERY AND EQUIPMENT**

Fleming & MacLeary  
General Supply Co. of Canada, Ltd.  
Hamilton Company, William  
Hopkins & Co., Ltd., F. H.  
Payette & Company, P.  
Smith Foundry Co.  
Sylvester Manufacturing Co.  
Waterous Engine Works Company  
West, Peachey & Sons  
Mussens Limited

**LUMBER DRY KILNS**

Sturtevant, B. F. & Co.

**LUMBER EXPORTS**

Fletcher Corporation

**LUMBER TRUCKS**

Hamilton Company, William  
Mussens, Ltd.  
Waterous Engine Works Company

**LUMBERMEN'S BOATS**

Adams Engine Company  
Gidley Boat Company  
West, Peachey & Sons

**MILL PIPING**

Neville-Cooper Co.

**MOTORS**

Sturtevant, B. F. & Co.

**NAILING MACHINES**

Yates Machine Co., P.B.

**OAK**

Long-Bell Lumber Company  
Maus Lumber Co., Chas. O.

**PACKING**

Beveridge Supply Company  
Gutta Percha & Rubber Company

**PANELS**

Bury & Company, Robt.

**PAPER**

Beveridge Supply Company

**PINE**

Adams River Lumber Co.  
Anderson Lumber Company, C. G.  
Anderson, Shreiner & Mawson  
Atlantic Lumber Company  
Austin & Nicholson  
Beck, C. Mfg. Co.  
Big Bear Lumber Co.  
Black Rock Lumber Co.  
Cameron Lumber Company  
Canadian General Lumber Company  
Canadian Western Lumber Co.  
Canfield-Wilmot, Ltd.  
Chesbro, R. G.  
Cleveland-Sarnia Sawmills Company  
Dadson, A. T.  
Dudley, Arthur N.

Eagle Lumber Company  
Edwards & Co., W. C.  
Excelsior Lumber Company

Fesserton Timber Co.  
Fraser Bryson Lumber Co., Ltd.  
Gillies Bros, Limited  
Gloucester Lumber & Trading Co.  
Gordon Lumber Co., A. E.  
Gordon & Company, George  
Goodday & Company, H. R.  
Greig Morris Ltd.  
Grier & Sons, Ltd., G. A.  
Harris Lumber Co., Frank H.

Harris Tie & Timber Company, Ltd.  
Hettler Lumber Co., Herman H.  
Hocken Lumber Company

Julien, Roch  
Lloyd, W. Y.  
Loggie Company, W. S.  
Long-Bell Lumber Company  
Mason, Gordon & Co.  
Mason & Company, Geo.

(Continued on page 128)

# FIRE BRICK

## AND CLAY

We make several brands of fire brick by every known process of manufacture from a selection of various high grade Pennsylvania clays. This enables us to furnish the best for your boilers, dutch ovens, refuse burners, kilns, etc. We specialize in fire brick for power plants and if you will advise us whether your boilers are hand fired or stoker fired and kind of fuel used we can then give you the proper brick for your work.

We carry a large stock of our different brands in various sizes and shapes in our Hamilton warehouse which enables us to ship at once.

We manufacture the following well-known brands:

**"Elkco Special," "Elk Steel,"**

**"St. Marys," "Keystone" and "M.D. Elk"**

Write for copy of our catalogue,

**Elk Fire Brick Co. of Canada, Ltd.**

HIGH GRADE FIRE BRICK and CLAY

**Sun Life Bldg., Hamilton, Canada**

Representatives for Maritime Provinces:

**RHODES, CURRY COMPANY, Ltd., Head Office, AMHERST, N.S.**  
Branches at Sydney and New Glasgow, N. S.



## Put your problem up to us

We are specialists in building locomotives. We build all types and sizes, also all kinds of repair parts for locomotives and tenders.

Our experience puts us in a position to give you expert advice as to what particular type and size of locomotive is best suited to your needs.

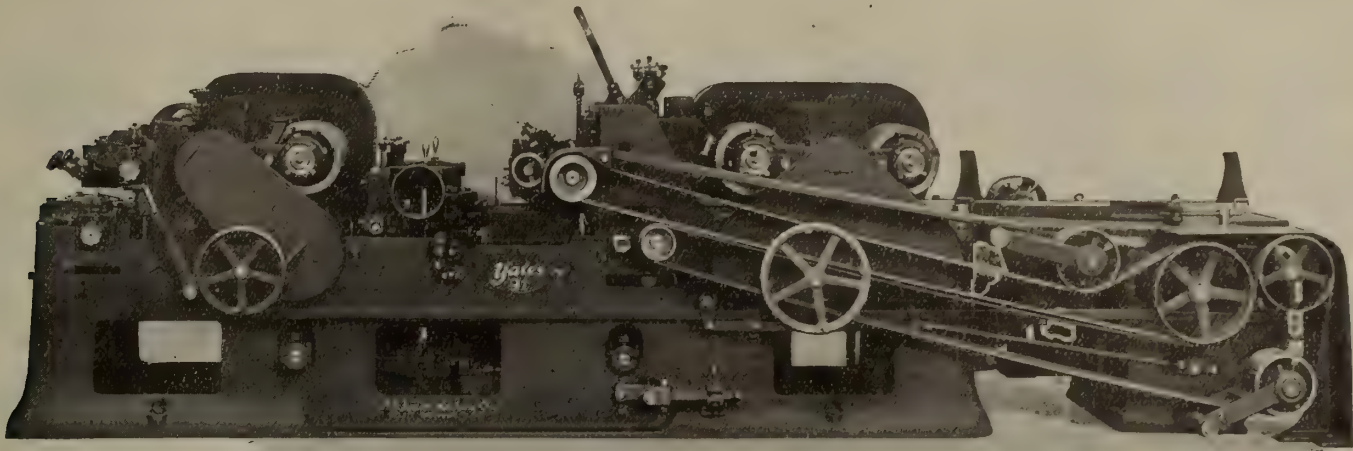
**Put Your Locomotive Problem  
up to us.**

## Montreal Locomotive Works

Limited

**Dominion Express Building, : Montreal, Canada**





## This great Machine—Yates No. 91—undoubtedly is the world's standard fast feed, high powered big production planer and matcher

The most significant testimony to its supremacy among matchers is shown by the fact that today there are in operation more Yates 91's than any other make of this type machine.

Yates No. 91 is chain driven. Hence the machine is quiet and smooth-running and power is delivered to the feed rolls evenly. Upkeep of a chain driven machine is exceedingly small as compared with those gear driven. Chains are lubricated automatically.

Feed works are exceptionally powerful. Heads used are of the Six knife round type and are fitted with our patented slip-proof gib which prevents knives slipping while the bolts are being tightened.

These are some of the features of Yates No. 91 Planer and Matcher. Upon request we will send you copy of our Planer and Matcher book, which outlines this machine fully.

***P. B. Yates Machine Co. Ltd.***  
**HAMILTON - ONTARIO**

**EASTERN SALES OFFICE**

**263 ST. JAMES ST., MONTREAL, QUE.**

**WORLD'S LARGEST MANUFACTURERS OF WOODWORKING MACHINERY**



McCormack Lumber Company  
McFadden, J. J.  
McLennan Lumber Company  
Montreal Lumber Company  
Muir & Kirkpatrick  
Otis Staples Lumber Company  
Parry Sound Lumber Company  
P. Q. Lumber Co.  
Rolland Lumber Company  
W. & J. Sharples  
Shevlin-Clarke Company  
Stalker, Douglas A.  
Summers, James R.  
Terry-Nicholson-Cates Ltd.  
Victoria Harbor Lumber Company  
Watson & Todd, Limited

**PLANING MILL EXHAUSTERS**  
Toronto Blower Company  
Sturtevant, B. F. & Co.

**PLANING MILL FANS (Reversible)**  
Mussens, Ltd.

**PLANING MILL MACHINERY**  
Mershon & Company, W. B.  
Toronto Blower Company  
Yates Machine Company, P. B.

**POPLAR**  
Keewatin Lumber Co.

**PORTABLE SAWMILLS**  
Brady Machinery Co.

**POST GRINDERS**  
Smith Foundry Company

**POSTS AND POLES**  
Anderson, Shreiner & Mawson  
Canadian Tie & Lumber Co.  
Eagle Lumber Company  
Gordon Lumber Co., A. E.  
Harris Tie & Timber Company, Ltd.  
Long-Bell Lumber Company  
Mason, Gordon & Co.  
McLennan Lumber Company  
Terry-Nicholson-Cates Ltd.

**PULLEYS AND SHAFTING**  
Bernard Industrial Co., The A.  
Canadian Link-Belt Company  
General Supply Co. of Canada, Ltd.  
Green Company, G. Walter  
Engineering & Machine Works of Canada  
Hamilton Company, William  
McLaren, D. K. Ltd.  
Williams Machinery Co., A. R.

**PULP MILL MACHINERY**  
Canadian Link-Belt Company  
Engineering & Machine Works of Canada  
Hamilton Company, William  
Payette & Company, P.  
St. Lawrence Lumber Co.  
Waterous Engine Works Company  
Williams Machinery Co., A. R.

**PULPWOOD**  
British & Foreign Agencies  
D'Auteuil Lumber Company  
Price Bros. & Company  
Scott, Draper & Company

**PUMPS**  
Engineering & Machine Works of Canada  
General Supply Co. of Canada, Ltd.  
Hamilton Company, William  
Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.  
Smart-Turner Machine Company  
Sylvester Mfg. Co., Ltd.  
Waterous Engine Works Company

**PLANING MILL EXHAUSTERS**  
(Steel Plate)  
Sturtevant, B. F. & Co.

**RAILS**  
Gartshore, John J.  
Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.

**ROOFINGS**  
(Rubber, Plastic and Liquid)  
Beveridge Supply Company  
Reed & Co., Geo. W.

**RUBBER GOODS**  
Dunlop Tire & Rubber Goods Co.  
Gutta Percha & Rubber Company

**SAWS**  
Atkins & Company, E. C.

General Supply Co. of Canada, Ltd.  
Gerlach Company, Peter  
Green Company, G. Walter  
Hoe & Company, R.  
Radcliff Saw Mfg. Company  
Shurly Company, Ltd., T. F.  
Shurly-Dietrich Company  
Simonds Canada Saw Company

**SAW GRINDERS**  
Smith Foundry Company

**SAW MILL LINK-BELT**  
Canadian Link-Belt Company

**SAW MILL MACHINERY**  
Brady Machinery Co.  
Canada Machinery Corporation  
Canadian Link-Belt Company  
Clark Bros. Co.  
General Supply Co. of Canada, Ltd.  
G. Walter Green Company, Ltd.  
Hamilton Company, William  
Long Mfg. Company, E.  
Mershon & Company, W. B.  
Parry Sound Lumber Company  
Payette & Company, P.  
Waterous Engine Works Company  
Yates Machine Company, P. B.

**SAW SHARPENERS**  
Hamilton Company, William  
Waterous Engine Works Company

**SAW SLASHERS**  
Hamilton Company, William  
Payette & Company, P.  
Waterous Engine Works Company

**SHINGLES**  
Apex Lumber Company  
Associated Mills, Limited  
Cameron Lumber Company  
Campbell-MacLaurin Lumber Co.  
Canadian Western Lumber Co.  
Chaleurs Bay Mills  
Chesbro, R. G.  
D'Auteuil Lumber Company  
Eagle Lumber Company  
Fraser, Companies Limited  
French, G. M.  
Gillespie, James  
Gloucester Lumber & Trading Co.  
Gordon Lumber Co., A. E.  
Grier & Sons, Ltd., G. A.  
Harris Tie & Timber Co., Ltd.  
Mason, Gordon & Co.  
McLennan Lumber Company  
McNeil Lumber Co.  
Miller Company, Ltd., W. H.  
Rose, McLaurin, Limited  
Stalker, Douglas A.  
Terry-Nicholson-Cates Ltd.  
Timms, Phillips & Company  
Vancouver Lumber Company  
Vanderhoof Lumber Company

**SHINGLE & LATH MACHINERY**  
Green Company, C. Walter  
Hamilton Company, William  
Long Manufacturing Company, E.  
Payette & Company, P.  
Smith Foundry Company

**SILENT CHAIN DRIVES**  
Canadian Link-Belt Company

**SLEEPING EQUIPMENT**  
Simmons Limited

**SMOKESTACKS**  
Hamilton Company, William  
Neville-Cooper Co.  
Reed & Co., Geo. W.  
Waterous Engine Works Company

**SNOW PLOWS**  
Pink & Company, Thomas

**SPARK ARRESTORS**  
Reed & Company, Geo. W.  
Waterous Engine Works Company

**SPRUCE**  
Adams River Lumber Co.  
Anderson, Shreiner & Mawson  
Beauchemin & Fils, P.  
Big Bear Lumber Co.  
Cameron Lumber Company

Campbell, McLaurin Lumber Co.  
Canadian Western Lumber Co.  
Chesbro, R. G.  
Coburn Lumber Co.  
Cox, Long & Company  
Dadson, A. T.  
Dudley Arthur N.  
Fassett Lumber Company, Ltd.  
Fraser, Companies Limited  
Fraser Bryson Lumber Co., Ltd.  
Gillies Brothers  
Gloucester Lumber & Trading Co.  
Goodday & Company, H. R.  
Gordon Lumber Co., A. E.  
Gravel Lumber Co.  
Greig Morris Ltd.  
Grier & Sons, Ltd. G. A.  
Harris Lumber Co., Frank H.  
Hocken Lumber Company  
International Land & Lumber Co.  
Julien, Roch  
Kent James, Robt.  
Larkin Co., C. A.  
Lloyd, W. Y.  
Loggie Co., W. S.  
Mason, Gordon & Co.  
McCormack Lumber Co.  
McDonagh Lumber Co.  
McElroy Lumber Co., Ltd.  
McLennan Lumber Company  
Muir & Kirkpatrick  
New Ontario Colonization Co.  
Northern Lumber Mills  
Power Lumber Co.  
P. Q. Lumber Co.  
Rat Portage Lumber Co.  
Rolland Lumber Co.  
Rose, McLaurin, Limited  
Spencer, Limited, C. A.  
Sutherland Lumber Co., A. A.  
Terry-Nicholson-Cates Ltd.  
Vanderhoof Lumber Company

**STEAM ENGINES**  
Lamontague, Ltd.

**STEAM SHOVELS**  
Hopkins & Co., Ltd., F. H.

**STEEL CHAIN**  
Canadian Link-Belt Company  
Hopkins & Co., Ltd., F. H.  
Waterous Engine Works Company

**STEAM PLANT ACCESSORIES**  
Waterous Engine Works Company

**STEEL BARRELS**  
Smart-Turner Machine Company

**STEEL DRUMS**  
Smart-Turner Machine Company

**TARPAULINS**  
Turner & Sons, J. J.  
Woods Manufacturing Company Ltd.

**TANKS**  
Hopkins & Co., Ltd., F. H.  
Horton Steel Works

**TENTS**  
Turner & Sons, J. J.  
Woods Mfg. Company

**TIES**  
Austin & Nicholson  
Carew Lumber Co., John  
Canadian Tie & Lumber Co.  
Chaleurs Bay Mills  
D'Auteuil Lumber Co.  
French, G. M.  
Gloucester Lumber & Trading Co.  
Harris Tie & Timber Company Ltd.  
International Land & Lumber Co.  
McLennan Lumber Company  
McNeil Lumber Co.  
Miller, W. H. Co.  
Scott, Draper & Co.  
Terry-Nicholson-Cates Ltd.

**TIMBER BROKERS**  
Cant & Kemp  
Farnworth & Jardine  
Wright, Graham & Co.

**TIMBER CRUISERS AND ESTIMATORS**  
Savage & Bartlett.  
Sewell, James W.

**TIMBER LANDS**  
Department of Lands & Forests, Ont.

**TOWING MACHINES**  
Payette & Company, P.  
West, Peachey & Sons

## TRACTORS

Holt Manufacturing Company  
Hopkins & Co., Ltd., F. H.  
Mussens Limited

## TRAILERS

Dominion Truck Equipment Co.  
Mussens, Ltd.  
Sylvester Manufacturing Co.

**TRANSMISSION MACHINERY**  
Canadian Link-Belt Company  
Engineering & Machine Works of Canada  
General Supply Co. of Canada, Ltd.  
Hamilton Company, William  
Kennedy, Wm. & Sons  
Waterous Engine Works Co.

## TRUCKS

Tudhope Anderson Co.

## TRUCK UNITS

Dominion Truck Equipment Co.

## TURBINES

Engineering & Machine Works of Canada  
Hamilton Company, William

## TURBO UNDERGRATE BLOWERS

Sturtevant, B. F. & Co.

## VALVES

Crane, Limited

## VENEERS

Bury & Co. Robt.

**VENEER MACHINERY**  
Coe Manufacturing Company

**VETERINARY REMEDIES**  
Dr. Bell Veterinary Wonder Co.  
Johnson, A. H.

**WARPING TUGS**  
West, Peachey & Sons

**WATER WHEELS**  
Engineering & Machine Works of Canada  
Hamilton Company, William

**WIRE**  
Canada Metal Co.  
Laidlaw Bale Tie Company  
Canada Wire & Iron Goods Co.

**WIRE CLOTH**  
Canada Wire & Iron Goods Co.

**WIRE ROPE**  
Canada Wire & Iron Goods Co.  
Hopkins & Co., Limited, F. H.  
Dominion Wire Rope Co., Limited  
Greening Wire Co., B.  
Mussens, Ltd.

**WOODWORKING MACHINERY**  
General Supply Co., of Canada, Ltd.  
Long Manufacturing Company, E.  
Mershon & Company, W. B.  
Waterous Engine Works Co.  
Yates Machine Company, P. B.

**WOOD PRESERVATIVES**  
Beveridge Supply Company  
Austin & Nicholson  
New Ontario Colonization Company  
Power Lumber Co.

**WOOD PULP**  
Austin & Nicholson  
New Ontario Colonization Co.  
Power Lumber Co.



# ATKINS

## STERLING QUALITY SAWS

### The World Over

In every progressive sawmill, woodworking plant and furniture factory, you will find that the saw users are acquainted with the high quality of Atkins Sterling Steel Saws. They are making money for their owners by turning out work at the lowest possible price.

*It's the super quality of Sterling Steel, our exclusive formula that makes Atkins Saws supreme.*

If your mill is not using them exclusively, why not make a complete installation and profit by the service that is built into them. Send for Atkins literature, and learn why

**ATKINS IS ALWAYS AHEAD**

**E. C. ATKINS & CO.**

Established 1857      The Sterling Quality Saw People

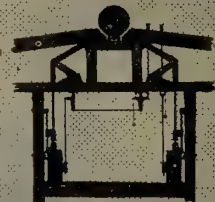
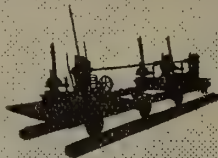
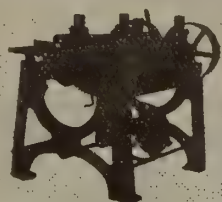
Canadian Factory, HAMILTON, Ontario

Branch carrying complete stock, VANCOUVER, B. C.



**MADE IN CANADA**





LUMBERMEN'S



EQUIPMENT

## The Bandmill of No Regrets

Columns of full hollow box section, jointed at the bottom. Very sensitive, floating tension. Tension mechanism fully enclosed — easily accessible. Guides swing on centre line of saw. Guide Blocks adjustable in all directions; quick opening, non-breakable pattern. Upper and lower bearings the same size and interchangeable; chain oiling, water cooled, adjustable in all directions. Protected steam cylinder to operate upper guide. Dake engine to handle upper wheel.

"Long" experience in building Band Mills is your guarantee.



**The E. Long Manufacturing Co., Limited**  
Orillia Canada

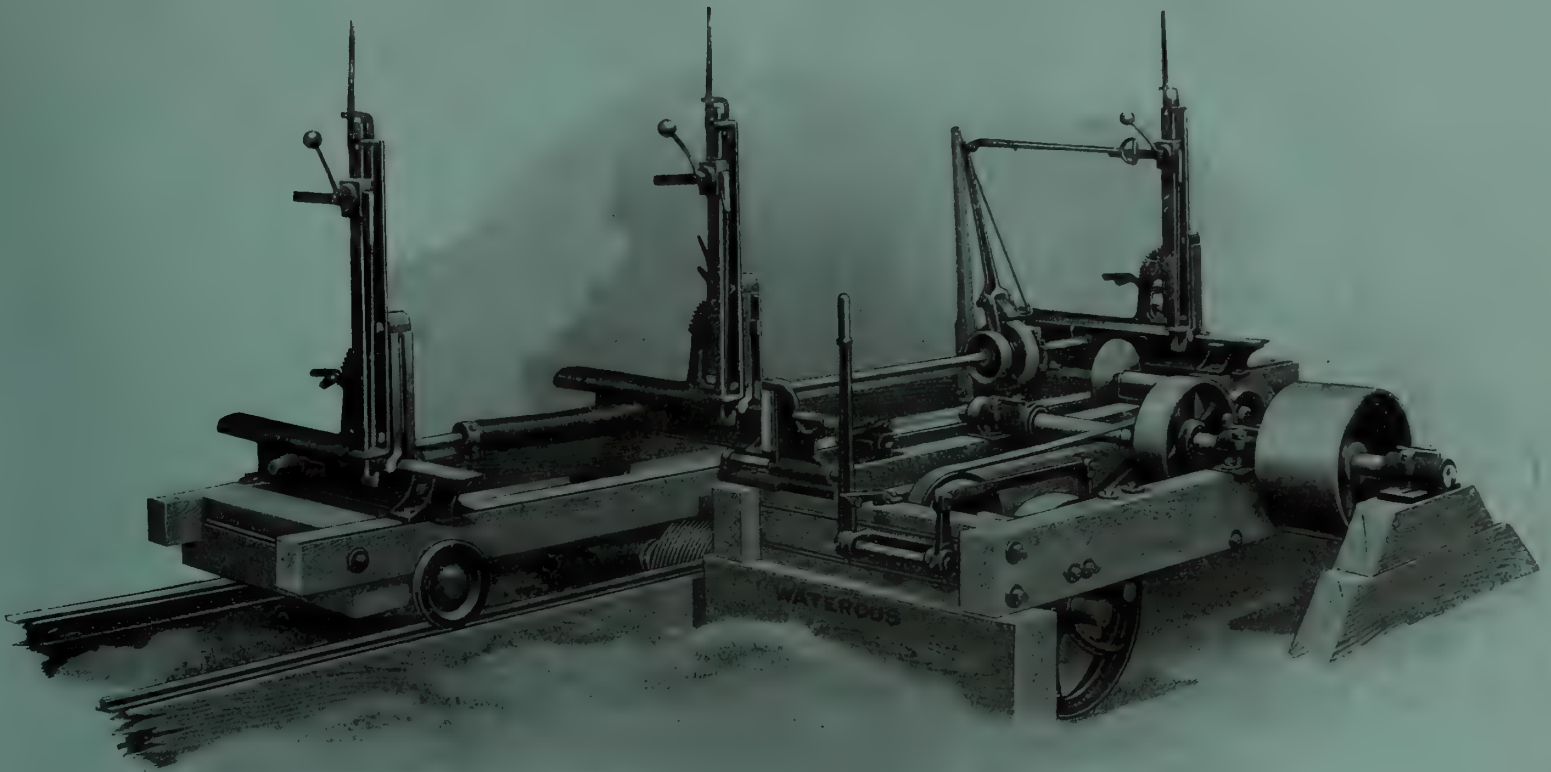
A. R. Williams Machinery Co.,  
Vancouver and Winnipeg



Gormans, Ltd. Calgary and Edmonton  
Williams & Wilson, Ltd., Montreal



# PORTABLE SAWMILLS



The Upper Fraser River Lumber Co. freighted a portable outfit, like the above, seventy miles over rough country to cut material for their big mill at Dome Creek, B.C.

They cut on an average of over 12,000 ft. per day, they turned out 200,000 ft. for their own use, sold several thousand dollars worth of lumber, produced over 2,000 ties and 100,000 ft. of lumber for stock. All this lumber came off their mill sight and was cut on the

## Waterous Portable Sawmill

*We back this mill for strength, efficiency and simplicity against any portable outfit being manufactured. Hundreds are in use in every part of Canada.*

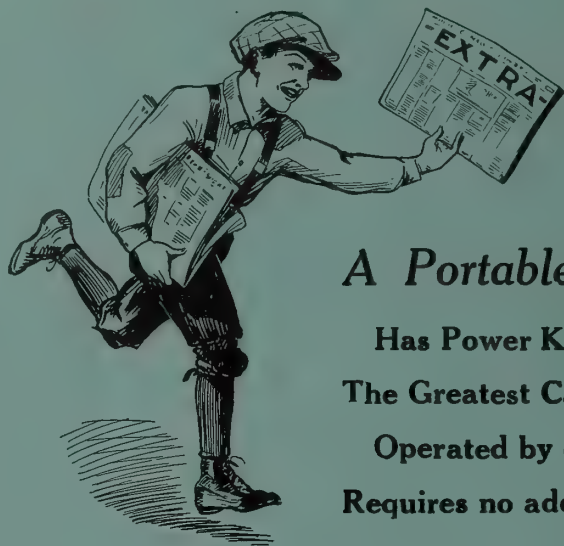
*Send for Bulletin*

# Waterous

BRANTFORD, ONTARIO, CANADA



# EXTRA



*Cadillac*  
404  
PATENTED

## A Portable Sawmill—

Has Power Knees and Dogs.

The Greatest Capacity of any mill on earth.

Operated by one man.

Requires no additional power.

**T**HIS Portable Sawmill is designed especially to handle short logs, veneer cores, etc., working them up into good marketable stock, railroad ties, box lumber, dimension stock, cooperage stock, etc.

To insure reasonable deliveries we are putting forth maximum efforts towards increased production. Let us have your enquiries now.

## BRADY MACHINERY COMPANY

Traverse City, Mich.



Cadillac, Mich.

Manufacturers of  
Portable Sawmill Machinery

General Offices:

Traverse City, Mich.  
U. S. A.

Machine Shops and Foundries:

Cadillac, Mich.  
U. S. A.



# Canada Lumberman

founded 1880

NEW AND USED  
**MACHINERY**  
H.W. PETRIE, LTD.  
TORONTO

## FIRE INSURANCE

Unequalled Facilities  
Protection + Service + Saving  
TO  
Lumbermen

**E. D. HARDY & CO.**  
BOOTH BLDG: OTTAWA, ONT.

## Resurface Your Roof



A coat of Reed's Roofing Cement—Plastic, Semi-Plastic or Liquid—will add years to the life of your roof.

This cement is the result of over Seventy Years practical Roofing experience. It will not peel nor blister and is absolutely unaffected by climatic changes.

Easy and inexpensive to apply. Ordinary labour can be used with satisfactory results.

Special prices by the barrel—Ask for them.



**Geo. W. Reed & Co. Ltd., Montreal**

When in the market for quotations on Tents, Tarpaulins, Feed Bags, Grey Blankets, Straw Ticks, Canoes, Paddles, Oars—ask for prices from

**J. J. Turner & Sons, Ltd.**

Manufacturers

PETERBOROUGH, ONT.

*Headquarters for special light weight rubber coats*

New **RAILS** Relaying

12 to 80 pounds per yard

**LOGGING CARS**

**Jno. J. Gartshore**

58 Front St. West, Toronto

## Pulpwood Operators, Lumbermen and Jobbers

Valuable time saved by using our Standardized  
Rowing and Power Pointers.

Specially designed for river, lake and mill pond work.

**Gidley Boat Company, Ltd.**

Boats and Engines of all Kinds

PENETANG, ONT.



# "HAMILTON" LOG CARRIAGES



Above cut shows one of our **No. 2 HEAD BLOCK CARRIAGES** with knee opening 40" from saw line. Note the sturdy compact lines of this carriage, built for heavy but accurate service with weight properly distributed, and the dogs set low on the knees to insure gripping of the smallest logs.

We make these Carriages with pine or oak frames any length—having cast iron, or steel cast head blocks—with knee opening of 33", 40", and 54", and equipped with any number of head blocks of any spacing required. Hand or Steam Set may be used, and carriages are designed for either steam or rope feed. They are built of the best materials obtainable for fast and accurate cutting, are equipped with **NEW DESIGN AXLE RECEDING WORKS** and have carriage wheels 14", 16" or 18" diameter. We have installed hundreds of these carriages in Mills from Coast to Coast, and we guarantee them in material, workmanship, and design to equal any on the market to-day, and to give thorough satisfaction wherever used.

**OUR CARRIAGE CATALOGUE IS YOURS UPON REQUEST**

Consult us for any of your saw mill needs, and you will have a Plant looking after your interests that has been in the Sawmill Machinery game for over sixty-five years.

## William Hamilton Co., Limited

Agents: J. L. Neilson & Co., Winnipeg, Man.      Peterborough, Ont.  
E. G. Blackwell, 65 Davis Chambers, Vancouver



# Knox Brothers, Limited

HEAD OFFICE:

512-513 Drummond Building, Montreal, Que.



*S.S. Heathfield—Our first steamer to unload at Montreal this season*

***We are Specialists in British Columbia Forest Products***

**We Handle  
The Best in the West**

If you are interested in Western stock send us your inquiries. We can make quick shipments from our Montreal stock.



*We can serve you right in*

# Red and White Pine

You can send your order to Hocken with the assurance that it will be handled promptly and intelligently. No order too small, no order too large to receive the same careful attention.

We are particularly able to supply your requirements in choice Red and White Pine.

Write for prices

## Hocken Lumber Co., Limited

626 Confederation Life Building

Phone Main 3153 — Toronto, Ontario

## LATH and LUMBER

WHITE PINE  
NORWAY PINE

Shevlin - Clarke  Company Limited

FORT FRANCES, ONT.

Manufacturers  
and Wholesalers

Prompt Shipment.  
Attractive Prices.



# BETTER LUMBER

Priced Right



## The Fesserton Timber Company Limited

15 Toronto St.      MAIN 795-6      Toronto

Western Office: Winch Building, Vancouver, B.C.



**WE** conduct an extensive trade in Spruce Lath Cedar Ties and New Brunswick Cedar Shingles to the South American and British markets. Docking facilities are unexcelled.

Correspondence invited

## CHALEURS BAY MILLS

Main Office and Mills at  
Restigouche, Que.

Cable Address: Chalbav, Portland, & Restigouche, Que.

Portland Office  
31½ Exchange St.



# EDWARD CLARK & SONS LIMITED

807 Bank of Hamilton Building - Toronto

## Hardwood Lumber

SPECIALTY



BIRCH

We have been sawing for several months a complete line of Northern Hardwoods, principally Birch, Maple, and Basswood. We will continue to saw until the end of June, therefore, if you need any special sizes advise us of your requirements.

Correspondence  
Invited

We will have ready for shipment this month a full line of stock in all sizes, cut since the first of the year. These include the finest Northern Hardwoods obtainable. Send your orders in now for early shipment.

## EFFICIENCY, COURTESY AND SERVICE

### SOUTHERN HARDWOODS Dry Stock at Buffalo for Quick Shipment

WHITE ASH				PLAIN RED GUM				TENNESSEE SCENTED CEDAR				QUARTERED RED OAK			
1 & 2	Clear	No. 1	No. 2	1 & 2	No. 1	No. 2	No. 3	1 & 2	No. 1	No. 2	No. 3	1 & 2	Clear	No. 1	No. 2
3/4 in.	2,000	1,500	2,500	1 in.	87,000	208,000	16,000	1 in.	46,000	1,700	3,000	3/4 in.	1,700	5,700	500
1 in.	184,000	22,000	88,000	1 1/4 in.	24,000	65,000	2,700	1 1/4 in.	1,500	5,400	9,000	1 in.	13,300	5,400	9,000
1 1/4 in.	40,000	5,000	80,000	1 1/2 in.	12,000	40,000	15,000	1 1/2 in.	1,500	5,400	9,000	1 1/4 in.	5,900	2,900	2,900
1 1/2 in.	11,500	18,000	6,500	2 in.	5,000	30,000	15,000	2 in.	1,500	5,400	9,000	1 1/2 in.	700	4,000	4,000
2 in.	73,500	900	99,000	10/4	100	1,500	600	2 1/2 in.	1,500	5,400	9,000	2 in.	700	4,000	4,000
2 1/2 in.	227,000	18,000	24,600					3 in.	1,500	5,400	9,000				
3 in.	5,000	26,000	26,000					4 in.	1,500	5,400	9,000				
4 in.	134,000	41,000	7,500												
CHERRY				FIGURED RED GUM				POPLAR				QUARTERED WHITE OAK			
1 & 2	Clear	No. 1	No. 2	1 & 2	No. 1	No. 2	No. 3	1 & 2	No. 1	No. 2	No. 3	1 & 2	Clear	No. 1	No. 2
1 in.	36,000	7,500	133,000	1 in.	22,000	12,000	800	1 in.	1,500	28,000	36,100	1/2 in.	6,100	6,300	3,000
1 1/4 in.	25,000	6,000	12,000	1 1/4 in.	2,000	800	700	1 1/4 in.	2,300	69,000	66,900	3/4 in.	3,900	6,300	3,000
1 1/2 in.	3,200	3,000	104,000	1 1/2 in.	700	200	1,000	1 1/2 in.	5,300	5,000	54,000	1 in.	2,800	700	800
2 in.	7,000	22,000	63,000	2 in.	1,000	200	4,600	2 in.	5,300	18,000	19,000	1 1/4 in.	12,000	4,300	65,000
2 1/2 in.	4,500	4,300	3,000	2 1/2 in.	26,000	35,000	1,000	2 1/2 in.	5,300	9,300	23,000	1 1/2 in.	12,000	27,300	59,000
3 in.	21,700	4,500	4,000	3 in.	24,000	52,000	1,000	3 in.	5,300	9,300	23,000	2 in.	4,000	500	27,500
4 in.	9,300	900	4,000	4 in.	20,000	42,000	4,600	4 in.	5,300	9,300	23,000	2 1/2 in.	1,500	21,000	5,700
CHESTNUT				QUARTERED RED GUM				PLAIN RED OAK				BLACK WALNUT			
1 & 2	Clear	No. 1	No. 2	1 & 2	No. 1	No. 2	No. 3	1 & 2	No. 1	No. 2	No. 3	1 & 2	Clear	No. 1	No. 2
3/4 in.	1,600	3,000	57,000	1 in.	4,500	18,600	2,500	3/4 in.	51,000	191,000	400	1 in.	9,000	21,000	20,000
1 in.	114,000	184,000	57,000	1 1/4 in.	14,400	15,000	2,000	1 in.	107,000	8,000	50,000	1 1/4 in.	3,600	3,000	1,690
1 1/4 in.	8,000	1,800	24,000	1 1/2 in.	1,800	11,200	3,000	1 1/4 in.	51,000	69,000	9,000	1 1/2 in.	200	200	500
1 1/2 in.	17,700	2,600	88,000	2 in.	8,100	7,400	4,700	1 1/2 in.	37,000	75,200	5,000	2 in.	4,000	3,000	200
2 in.	2,000	3,000	54,000	3 in.	300	300	300	2 in.	64,000	112,000	28,000	2 1/2 in.	500	300	300
2 1/2 in.	2,000	3,000	54,000					2 1/2 in.	1,500	1,400	1,400	3 in.	500	1,200	1,200
3 in.	1,300	300	300					3 in.	24,800	22,000	7,000	4 in.	500	1,200	1,200
4 in.	1,500	300	300					4 in.	4,600	4,600	4,600				
CYPRESS				QUARTERED SAP GUM				PLAIN WHITE OAK				BASSWOOD			
1 & 2	Select	No. 1	No. 2	1 & 2	No. 1	No. 2	No. 3	1 & 2	No. 1	No. 2	No. 3	1 & 2	Clear	No. 1	No. 2
3/4 in.	500	1,100	200	1 in.	4,500	18,600	2,500	3/4 in.	17,000	7,000	15,900	1 in.	161,000	7,000	21,000
1 in.	40,000	92,000	71,000	1 1/4 in.	14,400	15,000	2,000	1 in.	55,000	173,000	6,000	1 1/4 in.	169,000	10,000	20,000
1 1/4 in.	64,000	51,300	28,000	1 1/2 in.	1,800	11,200	3,000	1 1/4 in.	102,000	34,000	21,200	1 1/2 in.	42,000	2,300	17,000
1 1/2 in.	123,000	49,000	6,600	2 in.	8,100	7,400	4,700	1 1/2 in.	50,000	7,600	400	2 in.	51,500	9,000	8,000
2 in.	46,000	24,000	7,900	3 in.	300	300	300	2 in.	24,000	57,000	7,000	2 1/2 in.	5,200	2,500	900
2 1/2 in.	12,000	300	300					2 1/2 in.	3,200	3,200	1,800	3 in.	11,000	6,600	13,000
3 in.	6,000	7,000	14,000					3 in.	123,000	44,000	2,000	4 in.	5,000	2,500	4,000
4 in.	6,200	5,000	4,000					4 in.	23,000	19,000	1,800			1,500	200

Also large stock of Brown Ash, Basswood, Beech, Birch, Elm and Maple.

## THE ATLANTIC LUMBER CO. Inc. 310 MANNING CHAMBERS TORONTO

MANUFACTURERS SOUTHERN HARDWOOD LUMBER

Head Office: BOSTON, MASS.

Yards: Buffalo, N. Y.

Mills: KNOXVILLE, TENN., FONDE, KENTUCKY



**A** POLICY embracing  
all the fundamentals  
of growth — guaranteed  
products, fair dealing, and  
a sincere desire to serve  
well.



1009 Federal Building

Branch Office:  
507 Pacific Bldg., Vancouver, B.C.

TORONTO, ONT.  
Phone Adel. 4281  
and 5992

Cable Address "GORLUMBER"



# Geo. Gordon & Co.

Limited

CACHE BAY - ONTARIO

*Manufacturers of*

## WHITE & NORWAY PINE

Lumber, Dimension Timber  
Lath, Shade Roller Pickets

*Planing Mill in Connection*



## The Spanish River Lumber Co. Limited

LUMBER MANUFACTURERS

CUTLER, ONTARIO

WHITE PINE,  
NORWAY PINE,  
HEMLOCK

Shipments  
by Rail  
or Water





# MIDLAND WHITE-PINE

Will Commence Sawing About June 1st  
Special Bills Sawn to Order  
Planing Mill Facilities

ALL SMALL LOGS ARE "GANG" SAWN

## Canadian Forest Products

**TERRY-NICHOLSON-GATES**  
LIMITED

SUCCESSORS TO

*Terry & Gordon*  
LIMITED

MONTREAL

TORONTO

VANCOUVER

*Ontario Representatives  
for*

The British Columbia Mills, Timber and Trading Company Limited  
Vancouver, B. C.

*and*

Shull Lumber & Shingle Co. Ltd., New Westminster, B. C.

Send Orders Direct to Toronto



THE  
**Montreal Lumber Co.**  
Limited  
**WHOLESALE  
LUMBER**

759 Notre Dame St. W., Montreal

W. K. GRAFFTEY,  
President and Managing Director.

**DR. BELL'S**

**Veterinary Wonder Remedies**

50,000 one dollar (\$1.00) bottles Free to horsemen who give the Wonder a fair trial. Guaranteed for Colic, Inflammation of the Lungs, Bowels, Kidneys, Fevers, Distemper, etc. Send 25c for Mailing Package, etc. Agents wanted. Write your address plainly. DR. BELL, V.S., Kingston, Ont.



**Know  
Your  
Market**

A timely knowledge of Canadian construction activities gives the lumberman a point of vantage from which to conduct his sales.

The Contract Record will keep you posted on construction undertakings large and small.

The subscription price is \$3.00.

Send to

**Contract  
Record**

and Engineering Review  
347

Adelaide Street West,  
Toronto, Ont.

# LUMBER

## Wanted

### Mill-cuts in

# W. Pine Hemlock Birch Elm Maple

## C. G. Anderson Lumber Company, Limited

Manufacturers and Strictly Wholesale  
Dealers in Lumber

SALES OFFICE

705 Excelsior Life Building  
Toronto

### BELTING

All kinds of new and used Belting  
Shipped subject to approval, at  
Lowest Prices in Canada

YORK BELTING CO.  
115 York St. Toronto, Ont.

### JACK PINE

### HEMLOCK

### SPRUCE

### JAMES R. SUMMERS

Wholesale Lumber  
95 King St. East TORONTO, Ont.  
Main 7329

### HICKORY AXE HANDLES

Made From the Best Canadian  
HICKORY

Quality, Shape and Finish Unexcelled  
St. Marys Wood Specialty Co. Ltd,  
St. Mary's, Ontario, Canada

High Grade Wood Specialties Ball Bats  
Handles and Hardwood Lumber."

### BELTING FOR SALE

We have a large quantity of Second-  
Hand Rubber and Leather Belting in  
all sizes and plys up to 24 inches in  
width, which we can sell at interesting  
prices. Send us your requirements.

N. SMITH  
138 York St. - Toronto, Ont.

### Robt. Coltart & Co.

Royal Liver Building  
Liverpool England

Agents for the sale of  
Pine, Spruce and Hard-  
woods. Correspondence  
invited.

Cables—"COLTART" Liverpool

### Cant & Kemp

52 St. Enoch Square  
GLASGOW

### Timber Brokers


Cable Address, "Tectona," Glasgow  
A1 and ABC Codes used

### FARNWORTH & JARDINE

Cable Address: Farnworth, Liverpool  
WOOD BROKERS  
and MEASURERS

2 Dale Street, Liverpool and  
Seaforth Road, Seaforth,  
Liverpool, England





# Quick Action




## You Can Have It

Try the Canada Lumberman Wanted and For Sale Department. Have you anything you wish to buy or sell in the Lumber Industry? You will find this department inexpensive, and a very effective business getter.

Our Classified Advertisers do not repeat the ad, often. They don't have to. They report immediate results. Use these columns to your own advantage.

**CANADA  
LUMBERMAN  
and WOODWORKER**  
347 Adelaide St. W.  
TORONTO



***"Well Bought is Half Sold!"***

## Some Good Things

in

## Good White Pine

### IN PINK OF CONDITION

48 M'	1 x 8 & up—	10/16 C. Sel. & Btr.
51 M'	1 x 8 & up—	" D. Selects.
33 M'	1 x 4/6	" C. Sel. & Btr.
38 M'	1 x 4	" " " "
20 M'	1 x 5	" " " "
65 M'	1 x 6	" " " "
16 M'	5/4 x 8 & up	" " " "
24 M'	6/4 x 8 & up	" " " "
25 M'	6/4 x 8 & up	" D. Selects.
38 M'	2 x 8 & up	" C. Sel. & Btr.
16 M'	2 x 8 & up	" D. Selects.
35 M'	2 x 4 & up	8/16 No. 2 & 3 Cuts.

### Unusually Good Width

**Canadian General Lumber Co.**  
Limited

## FOREST PRODUCTS

TORONTO OFFICE:— 712-20 Bank of Hamilton Building

Montreal Office:— 514 Canada Cement Company Bldg.

Mills: Byng Inlet, Ont.

### LUMBER WANTED

We are in the market for a block of Spruce and Hemlock, inch and 2" Merchantable and No. 2, also Pine Mill Culls. In writing quote your lowest price.

The Foley Lumber Co.,  
18 Toronto Street,  
Phone Main 2746 Toronto, Ont.

### SAVAGE & BARTLETT

FOREST ENGINEERS

Timber Estimates, Maps, Topographic  
and Boundary Surveys

15 State St., BANGOR, MAINE

### Change of Address

On or about 1st of June

I am removing from  
350 Confederation Life Bldg. to

1023-1024 Federal Building  
(Cor. Richmond and Sheppard Sts.)  
Telephone Ad. 5714

**W. Y. LLOYD**  
TORONTO, Ont.

Safe and Reliable

### Timber Estimates

Reports - Maps

**James W. Sewall**  
Forest Engineer

Old Town, Davidson Bldg.,  
Maine. Washington, D.C.

Largest Cruising House in America.

### SPECIALTIES

Sawed Hemlock  
Red Cedar Shingles  
White Pine Lath  
Bass and Poplar Siding

**James Gillespie**

Pine and Hardwood

## Lumber

Lath and Shingles

North Tonawanda, N.Y.



# New Ontario Colonization Co., Ltd.

MANUFACTURERS  
**SPRUCE LUMBER AND LATH**

**Tamarack**

**Rossed Pulpwood**

Our modern Planing mill enables us to dress lumber  
in any manner required.

**Sales Office: BUFFALO, N. Y.**  
609 Jackson Bldg.

**Mills: JACKSONBORO, ONT.**  
Transcont. Div. Can. Nat. Rys.

*Kindly address all inquiries care department "A"*

We are always in the market to buy Soft Elm, Maple, Birch and other Hardwoods. Also Spruce, Pine, Poplar or Balm for crating.

Established Twenty Years

**Liberal Prices      Fair Inspection**  
**Prompt Payment**

*We have a good Stationary Saw Mill complete with power for sale, capacity 15 to 20 M. per day. Write us for particulars.*

**The Manufacturers' Lumber**  
Company Limited

**Stratford      -      Ont.**

## BARGAINS IN Standing Timber

ALL our remaining timber lands and town property situated in the town of Parry Sound are offered for sale by us. The special prices at which these are being sold makes early enquiries advisable.

Good bargains are still obtainable in the Townships of Christie, Allen, Secord, Falconbridge and Street. May we send you full particulars?

**The Parry Sound Lumber Co.**

26 Ernest Avenue

LIMITED  
Toronto, Ont.

## Wanted at Once

100 to 200 M ft. of 2 x 4 to 2 x 12-10/20 ft. merchantable hemlock—Also the same quantity of good mill run Jack pine. Mill culls out in 2", 3" and 4" thicknesses. State lowest prices and full particulars as to quantity, sizes and if trimmed or not.

**EXCELSIOR LUMBER CO.**

Address 33 Richmond St., Toronto

Phone M. 3551

**Watson & Todd Limited**  
OTTAWA

**WHITE PINE**  
**RED PINE**  
**SPRUCE**

Registered



Trade Mark

**Rideau Club Building**  
Cor. Wellington and  
Metcalf Sts.

Registered



Trade Mark



**The Harris Tie & Timber Co., Ltd.**  
**The C. E. Fleming Tie & Lumber Co., Ltd.**  
**The Poupore Lumber Co.**

**Railway Ties, Cedar Poles and Posts, Lumber, Lath, Shingles, Pulpwood**

**197 SPARKS STREET**

**OTTAWA, CANADA**

**KEEWATIN**

*is synonymous with*

**BEST PINE**

*Red and White*

**KEEWATIN LUMBER COMPANY, LTD.**  
**KENORA - ONTARIO**

Two complete Saw and Planing Mills Box Factories and Lath Mill  
 at Keewatin and Kenora. Ont.

**F. W. Brennen & Sons**  
 474 Main St. East Hamilton, Ont.

**Wholesale**

**LUMBER**  
**LATH--SHINGLES**

**We have what you want: Write us for quotations**

**A. T. DADSON**

*Wholesale Lumber Broker*

350 CONFEDERATION  
 LIFE BLDG.

**TORONTO**

Telephone  
 Main 1892

Would be glad to hear from manu-  
 facturers and wholesalers with  
 particulars of stock of Lumber and  
 Lath.

**We are**  
**Exclusive handlers of the Celebrated**  
**"VELVET BRAND"**  
**SHORT LEAF YELLOW PINE**

*— The softest that grows —*

Steam Dried or  
 Smoke Dried

Inquiries invited  
 Prompt Shipments

**Russell Harris Lumber Company**  
 119 Wellington St., W. Toronto Telephone Adel. 1895

**Power Lumber Company Limited**

*Manufacturers of*

**SPRUCE**

**Lumber Lath Pulpwood**

*Head Office and Mills at:*

**St. Pacome, Que., Canada**  
 On Can. Nat. Ry. 75 Miles East  
 of Quebec City

*Also Mills at:*

**Lapointe, Riv. Manie, Powerville**  
**and Ste. Apolline**  
 On Edmunston Div.—Can. Nat. Rys.



**THE BEST  
IN  
CANADIAN  
HARDWOODS**



## THE PEDWELL HARDWOOD LUMBER COMPANY

Office and Yard: FT. SPADINA AVE., TORONTO

### *Important Announcement*

A Shingle Nail is now being manufactured in Canada which should last the life of British Columbia Red Cedar Shingles.

This is a heavy gauge nail, has sharp point, wide head with thickened shank under, and is protected with a heavy coating of pure galvanized spelter applied by hot-dipped process.

Red Cedar Shingles applied with such nails assure a roof of lasting satisfaction.

Every lumberman could stock these nails to advantage. We will gladly send samples.

**British Columbia Lumber Commissioner**  
51 Yonge St. - Toronto

### *The Smile of Satisfaction*

Know what real satisfaction means by giving McDonagh Lumber a trial. Wholesale Hardwoods (Native and Foreign), Crating Spruce, Pine and Hemlock, Canadian Birch, Basswood and Maple.



Every Shipment Guaranteed

**The McDonagh Lumber Co.**  
226 Confederation Life Building, TORONTO

### Planing Mill Stock

## CYPRESS

Soft, Dry Stock, Finest Grades—

All Thicknesses— 4/4, 5/4, 6/4, 8/4, 10/4, 12/4

### *Yellow Pine Finish*

Kiln Dried, Soft, Short Leaf Kind

Stock Widths  $\left. \begin{matrix} 4/4 \\ 5/4 \\ 6/4 \\ 8/4 \end{matrix} \right\}$  by 4", 6", 8", 10", 12'

Also OAK, ASH, POPLAR, GUM  
**WISTAR, UNDERHILL & NIXON**  
Real Estate Trust Bldg., Philadelphia, Pa.

## Exporters of Lumber

Always on hand:—

**Pine, Spruce, Birch, Cypress**  
all kinds of Lumber

*Send us your enquiries.*

## ROCH JULIEN

111 Mountain Hill

Quebec



**A.K. Hansen & Co.**  
REGISTERED

82 St. Peter Street, Quebec, P.Q.

Mills: Laterriere, Que., and  
Charlevoix Dist., Que.

MANUFACTURERS—EXPORTERS—WHOLESALE

# Spoolwood, Pulpwood and Lumber



## ***Just Real Good Lumber —Sensibly Priced***

DRESSED JACK PINE  
SIZED HEMLOCK  
1" HEMLOCK BOARDS  
SPRUCE  
WHITE PINE  
NORWAY

### **LARKIN LUMBER COMPANY LIMITED**

236 CONFEDERATION LIFE BUILDING

TORONTO, ONT.

### **AUSTIN & NICHOLSON LIMITED**

CHAPLEAU, ONTARIO

Lumber, Lath, Ties, Pulpwood.

Quick Dressing and Matching in Car Lots  
a Specialty.

Mills at DALTON, NICHOLSON, DEVON

### **Some of these Cars in Transit Now**

California White Pine & California Redwood.  
Yellow Pine Finishing.  
Oak, Gum, Poplar and Cypress.

also

A few cars of 4/4 and 8/4" C. & C. Norway ready  
for shipment.

**THE EASTMAN LUMBER COMPANY, LIMITED**  
38 Sun Life Building, Hamilton, Ontario Phone Regent 162

### **Thurn-Maxson Lumber Co. SOUTH BEND IND.**

Owners of Chas. O. Maus Lumber Co.

#### **Everything in Hardwoods**

We specialize in—

OAK—White and Red—Plain and Quartered.  
GUM—Red and Sap—Plain and Quartered.  
CYPRESS—Genuine Gulf Red and Soft Yellow.

We Feature

High Grades and Service Satisfaction Guaranteed.

*Write or wire us for prices*

## ***Everything in Lumber***

The  
**McLennan Lumber Co., Ltd.**  
Office and Yard: 21 Dorchester Street W., Montreal  
P.O. BOX 1854 PHONE PLATEAU 1300

### **The Leigh Lumber Co.**

33 Richmond St. West Toronto

Native Hardwood Lumber  
All kinds, all thicknesses

White Pine, Red Pine and Jack Pine

Crating Lumber in either Softwood  
or Hardwood.

**THE McCORMACK LUMBER CO.**  
Bank of Toronto Building HAMILTON, Canada

**Want to Buy**  
FOR PROMPT SHIPMENT

**Mill Cuts of Jack Pine & Spruce**  
Sawn to 4/4, 8/4 and Timbers

If you have anything to offer we would appreciate it  
if you would advise us promptly giving estimated  
quantities of different sizes and prices wanted.



# G. M. FRENCH

RENFREW — ONTARIO

WHOLESALE

**Lumber Lath Shingles  
Ties, Etc.**

# ROSE-McLAURIN

LIMITED

1226 Bank of Hamilton Building TORONTO  
Phone Main 6752

*We Specialize in*

**British Columbia Lumber and  
Timber and Red Cedar Shingles**

*Let us quote you. Our prices are right*

We also handle the well known

**"TEN-TEST" SOLID FIBRE BOARD**

## A Permanent Lumber Service

**A**FTER several years of inactivity we are now cutting on our modern fully equipped mills at Manistique and Little Lake, Upper Michigan. The timber behind these mills was purchased many years ago by the Stack interests from the then "unlimited" supply. Its quality, particularly the maple and birch, is the envy of northern mill men among whom this tract is famous.

This timber will run the mills to full capacity for fifteen to twenty years. The 40,000,000 feet annual cut will run:

15,000,000 ft. maple annually  
6,000,000 ft. birch annually  
2,500,000 ft. beech annually  
2,500,000 ft. elm annually  
900,000 ft. basswood annually  
200,000 ft. ash annually  
6,000,000 ft. hemlock annually  
3,000,000 ft. white pine annually

the balance in Spruce and Tamarack.

Our exceptional service, grades, and manufacture will be maintained.

"Low freight rate shipments by water to Toronto, Montreal, Owen Sound, Port Arthur, and other Great Lakes and St. Lawrence River Ports. Conveniently located also for rail shipments to inland points by C.P.R. or Soo line."

We will be pleased to hear from old friends and from new ones who can understand and appreciate what permanent connection with such a source of supply would mean.

**STACK LUMBER CO.**  
ESCANABA MICHIGAN

# W.S. LOGGIE

and Company, Limited

*Manufacturers  
of Lumber  
including*

**SPRUCE, PINE  
and LATHS**

Head Office Chatham, N.B.

Mill - - - - - Inkerman, N.B.

# The Rat Portage Lumber Co., Limited, Vancouver

MANUFACTURERS OF

**DOUGLAS FIR, SPRUCE AND HEMLOCK**

FLOORING, CEILING, SIDING, INTERIOR AND EXTERIOR  
FINISH OF ALL KINDS INCLUDING MOULDINGS

**Rough Kiln Dried and Green Clear Fir in All Sizes**

Boards, Shiplap, and Dimension

**ROUGH TIMBERS UP TO 90 FEET LONG**

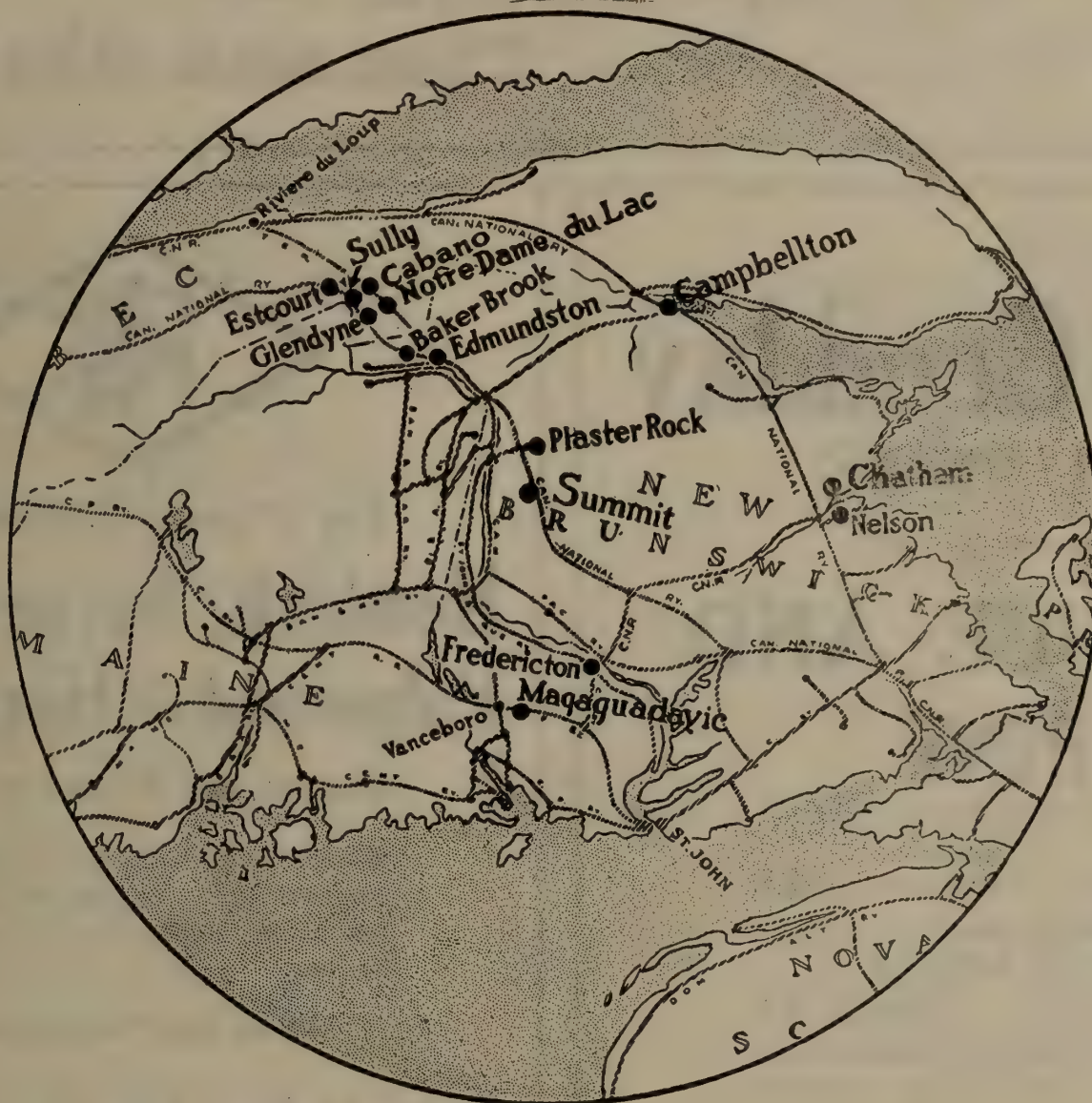
WE SPECIALISE IN 1/4  
SCANT SIZED DIMEN-  
SION, ALSO DIMENSION  
AND BOARDS IN THE  
ROUGH



# FRASER COMPANIES, Limited

Bleached Sulphite Pulp Mill. Saw Mills (all Band Saw Mills). Shingle Mill

HERE THEY ARE ON THE MAP



## Mills and Railway Connections

Saw and Shingle Mills	Railway Connections
Cabano, Que. ....	Temiscouata Ry.
Notre Dame du Lac, Que. ....	Temiscouata Ry.
Glendyne, Que. ....	C. N. Ry.
Estcourt, Que. ....	C. N. Ry.
Sully, P.Q. ....	C. N. Ry.
Edmundston, N. B. C.P.R., C.N.K. and Temiscouata Ry.	
Magaguadavic, N.B. ....	C. P. R.

Saw and Shingle Mills	Railway Connections
Baker Brook, N. B. ....	C.N.Ry., Temiscouata Ry.
Plaster Rock, N.B. ....	C. P. R.
Summit, N. B. ....	C. N. R.
Fredericton, N. B. ....	C.P.Ry and C.N.Ry.
Nelson, N. B. ....	C. N. Ry.
Campbellton, N. B. ....	C. N. Ry.

Bleached Sulphite Mill, Edmundston, N. B. .... Railway Connection, C.P.R., C.N.R. and Temiscouata Ry.  
Sulphite Mill, Chatham, N. B. .... Railway Connection, C. N. R.

Bleached Sulphite.

Rough and Dressed Spruce.

White Cedar Shingles.

Railway Ties

Piano Sounding Board Stock a Specialty.

Selling and Purchasing Offices :-- EDMUNDSTON, N. B.



# The D'AUTEUIL LUMBER CO., Limited

81 St. Peter Street,  
QUEBEC

**Pulpwood, Lumber,  
Spoolwood,  
Ties and Shingles**

## H. R. Goodday

AND COMPANY

EXPORTERS OF

**SPRUCE AND  
PINE**

---

---

New Brunswick Agent

F. E. NEALE,

Chatham, N.B.

---

---

Head Office: QUEBEC, P.Q.



For Prompt Delivery of  
**Hemlock, Spruce, Lath  
Pulpwood and Hardwoods**

Dressed and Ripped to Order

We specialize in Hemlock and Spruce  
Timbers and have excellent facilities  
for quick shipment—rail or water  
delivery.

*Tell us your requirements*

**Fassett Lumber Co., Limited**  
Fassett, Quebec

F. N. Waldie, President.

R. S. Waldie, Vice-President

W. E. Harper, Secretary.

## The Victoria Harbor Lumber Co., Ltd.

Manufacturers of

**Lumber and Lath**

Mills at Victoria Harbor, Ont.

HEAD OFFICE,  
12-14 Wellington Street East, TORONTO, ONT.



# Black Rock Lumber Company

421-423 FIDELITY BUILDING

- - - BUFFALO, N. Y.

5 million feet of 4/4" 5/4", 6/4", 8/4" Dry White Pine in pile.

Also Jack Pine, Spruce and Hemlock Lath.

AT: Braeside, Midland, Victoria Harbour, ONTARIO

## White Pine

(Dry)

Ottawa Valley Manufacture

### —BOX and BETTER—

75,000' 2 x 6 & wider—10/16.  
 100,000' 1½ x 7 & " "  
 50,000' 1¼ x 7 & " 12/16.

### —MILL RUN - BOX OUT—

50,000' 1¼ x 8 & wider—10/16.  
 12,000' 1¼ x 7 " "  
 12,500' 1¼ x 6 " "  
 8,000' 1¼ x 5 " "

### —BOX—

48,000' 1¼ x 7 & up—10/16.  
 12,000' 1¼ x 4/6 — "

### —GOOD—

5,000' 1 x 4 & up— 6/ 9.  
 7,000' 1 x 4/6 —10/16.  
 7,000' 1 x 7 & up— "  
 2,300' 1¼ x 4/6 — 6/16.  
 7,000' 1¼ x 7 & up— "

**The Rideau Lumber Co. Ltd.**

Established 1897

OTTAWA

CANADA



## ALL CANADIAN HARDWOODS

Lumber  
at first cost

Hard Maple  
our specialty

HALL BROS. LTD. 300 Crown Office Bldg., Toronto  
 Manufacturers Wholesalers

## A. A. Sutherland Lumber Co.

LIMITED  
Oxford, N.S.

*Specialty made of dimension lumber any length up to 30 ft.*

## SPRUCE HEMLOCK HARDWOODS

BEECH, MAPLE and BIRCH

*High quality lumber, liberal grading, conscientious service  
and prompt shipment*

LET US QUOTE ON YOUR LUMBER REQUIREMENTS

# British Columbia

Lumber and Shingles

Best Grades—Mill Prices—Prompt Shipment

**THOS. N. PHILLIPS**

Royal Bank Building

Toronto, Ont.



# "The Quality is much higher than the Price"

Let us serve your needs now in—SIZED HEMLOCK,  
WHITE AND RED PINE, B.C. PRODUCTS, JACK  
PINE, LATH, SPRUCE.

## LARKIN LUMBER COMPANY

236 Confederation Life Building

— TORONTO, ONTARIO

### Milling in Transit

A Well Equipped Mill

C.P., G.T., & C.N. Railway Connections

*Special Mill Work Prompt Service*

**J. R. Eaton & Sons, Limited**

ORILLIA, ONT.

### Thompson Heyland Lumber Co.

123 Bay Street

Toronto

For Sale

Everything in Dry Hemlock Lumber.  
500 M. 1 x 4 x 5 x 6 in choice Merchantable Spruce.

Wanted to buy

2 million feet Spruce, Jack Pine and Hemlock for spring delivery.  
10,000 cords of Spruce and Balsam, peeled pulpwood.  
10,000 cords peeled poplar.  
50 M. Ties in Cedar, Hemlock and Jack Pine.

Will make the necessary advances.



**GILLIES BROS., LTD.**

BRAESIDE

ONTARIO

**WHITE PINE**

**RED PINE  
SPRUCE**

*Dry Stock*

*Well Sawn*

*Prompt Shipment*

### Greig-Morris Limited

411 Manning Chambers, Toronto, Canada

Phone Main 7306

For quick shipment

dry

**Ontario White Pine**

also

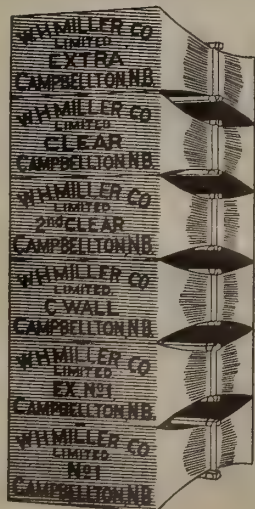
**Western Spruce**

and

**Eastern and Western Spruce Lath**

*Write for prices*

*Send us your inquiries*



### The Same Good Quality

that makes these New Brunswick White Cedar Shingles famous is still found in every shipment that leaves our plant.

If you want to get the reputation of selling something really good this is the kind to handle. Made by

**W. H. MILLER CO. LIMITED**

Campbellton, N. B.

We also manufacture Spruce and Pine Lumber, Lath, Cedar Tiles, etc.



## P. Beauchemin & Fils

Amos - - - - - Quebec

We offer the 1923 summer cut as follows:

About 5,000,000' fifth and better, Spruce and Jack Pine.

2,000,000 Merchantable Spruce Lath.

*Will furnish on demand quotations for  
MILLING Lumber in TRANSIT*

## CHARLES O. MAUS

Wholesale

### HARDWOOD LUMBER

Rooms 444-446 Farmers' Trust Building

South Bend, Ind., U S. of A.

Red Sap	}	<b>GUM</b>	{	Plain or Quarter cut
------------	---	------------	---	----------------------------

Red White	}	<b>OAK</b>	{	Plain or Quarter cut
--------------	---	------------	---	----------------------------

All grades	}	<b>CYPRESS</b>	{	All thicknesses
---------------	---	----------------	---	--------------------

{	"We have it"	<b>ASH</b>	{	"We have it"
		<b>COTTONWOOD</b>		
		<b>CANADIAN BIRCH</b>		

*"How about that next car"?—Let's get acquainted*

## Looking for Some Real Values?

—See what Stalker has!

Before placing your next order for B.C. Fir, Spruce, Pine, Lath, Shingles or Hardwoods, just get in touch with Stalker. Ten to one you'll be surprised at the values you can obtain.

**DOUGLAS A. STALKER**

122 Wellington Street

Sherbrooke

# HEAPS

& SONS LIMITED

METROPOLITAN BLDG.

VANCOUVER, B.C.



British Columbia

Lumber Shingles Timbers

Straight or Mixed Cars of

**FLOORING  
CASING  
BASE**

**MOULDINGS  
CEILING  
FINISH**



## Hardwoods Wanted

We are in the market for  
Birch, Maple and Basswood  
for immediate shipment.

**The Kinnon Lumber Company Ltd.**  
454 King Street, West      TORONTO

## JAMES C. McCUAIG & CO.

We have to offer the following:

200,000 ft. 1 x 4 and up, 6 to 16 ft. White Pine "O" Culls.  
100,000 ft. 2 x 4 and up, 6 to 16 ft. White Pine "O" Culls.  
30,000 ft. 3 x 6 and up, 6 to 16 in. wide, 16 to 18 ft. long,  
Hemlock.  
35,000 ft. 1 inch "O" cull Hemlock.  
100,000 ft. 2 inch "O" cull Hemlock.

The above is all dry and ready for immediate shipment.

410 Union Bank Building  
**OTTAWA      ONTARIO**

CABLE ADDRESS:  
"LUMBEROLL"

Codes:  
A B C 5th EDITION  
ZEBRA CODE 3rd EDITION

*The*  
**Rolland**  
**Lumber Co.**  
LIMITED

WHITE PINE AND SPRUCE

Export and Domestic

62 St. James St. Montreal, Canada

**FRASER BRYSON**  
**LUMBER CO., Limited**

Office : Fraser Building,  
53 Queen Street - OTTAWA, Can.

*Wholesale Lumber Dealers  
and Selling Agents for*

**FRASER & CO.**  
Manufacturers

**White Pine, Red Pine,  
Spruce, Hardwood  
Lumber and Lath**

**R. Imrie Lumber Company**

18 Toronto Street, Toronto

Phone Adelaide 580

We offer for quick shipment:—

26,000 ft. 1 x 4 & wider Mill Run Red  
Pine—1922 Sawing.  
23,000 ft. 1 x 4 & 5 Mill Run Red Pine  
—1922 Sawing.  
40,000 ft. 2 x 6—10/16 Mill Run Red Pine  
—1922 Sawing.  
40,000 ft. 2 x 4 & wider Mill Run White  
Pine—1922 Sawing.

PRICES ON COAST AND MOUNTAIN STOCKS ON REQUEST

**Gregertsen Brothers Co.**

McCormick Building  
**Chicago, Ill.**

Yards and Planing Mill at Cairo, Ill. where we  
carry four million feet of high grade Cypress for  
quick shipment.

*We are the Cypress Specialists*



# British Columbia Lumber

*"Manufactured in Modern Mills"*

**Quality Lumber in all Grades and Sizes**

**Specialties:—**

**Fir Cross Arms**

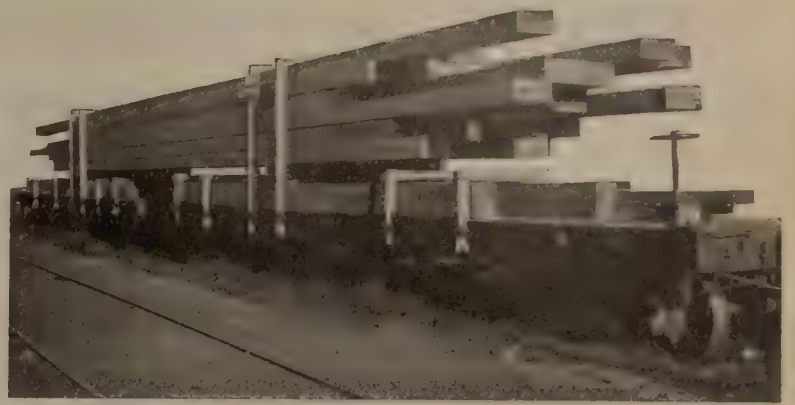
**Spruce Box Shooks**

**Klin Dried Finish & Flooring**

**Rail Shipments to all parts of Canada  
and United States**

**Cameron Lumber Co., Ltd.**

Office & Mills - VICTORIA, B. C.



**Let us Serve You!**

**Long Timbers**

**Deep and Heavy Joists**

**Special Industrial Items**

**Rough—any size up to 110' long,  
S4S up to 16x20 x 100'**

**Timberland Lumber Co., Limited**  
**New Westminster, B. C.**

Mills: South Westminster—Logging Camps: Ladysmith, Vancouver Island.  
Shipments over all railways.

**FIR SPRUCE  
LUMBER**



**CEDAR PINE  
and LATH**

Manufactured by

**Adams River Lumber Company Ltd.**

**MILLS AT CHASE, B. C.**

We can make prompt delivery on any of these products for there is 20 million feet in pile. All stock is extra dry, perfectly manufactured and correctly graded. Orders filled in straight or assorted cars. Write, wire or phone for quotations on your requirements.

**J. T. Todd, Eastern Manager**  
620 Federal Building, Toronto





# FRANK H. HARRIS LUMBER CO., LTD.

We Offer for Prompt Shipment

## Following Merchantable Hemlock

50 M'	1 x 4 & wider	8/16	175 M'	2 x 8	8/16
45 M'	2 x 4	8/16	90 M'	2 x 10	8/16
188 M'	2 x 6	8/16	60 M'	2 x 12	8/16

We Invite Your Enquiries On

## YELLOW PINE CYPRESS & SOUTHERN HARDWOODS

MILLS:—STURGIS AND LAKE, MISS.

Office: Excelsior Life Bldg., TORONTO, ONT.



## Line up with us for a good line of Lumber

Perhaps you are looking for a reliable source of supply of British Columbia Lumber. You will be glad to know where you can place mixed Car orders calling for any combination of B. C. woods. Our facilities for supplying you with this good lumber at right prices, are unexcelled.

Send your enquiries and orders to us. Correspondence from dealers who desire and appreciate UNIFORM GRADES, DEPENDABLE SERVICE, and SATISFACTION is respectfully solicited.

# APEX LUMBER COMPANY, LTD.

Ontario Representative: J. D. Robinson, Room 5 Imperial Block,  
Walkerville, Ont.

Vancouver, B.C.

# Thurston-Flavelle, Limited

MANUFACTURERS OF

## British Columbia Red Cedar Exclusively Cedar Bevel Siding, Finish, V-Joint and Mouldings

Our Shingles are all Packed by the "Thousand"

Straight or mixed cars with XXX and XXXXX Shingles.

Stocks carried at Lindsay, Ont., for quick shipment

Ontario Agents:

Gull River Lumber Co., Ltd., Lindsay, Ont.

Quebec and Maritime Provinces Agents:

Rose-McLaurin Limited, 2 Toronto St., Toronto.

Full particulars from our Eastern Agents.

Head Office and Mills, Port Moody, B. C.



# WHITE PINE

All  
Grades and Sizes  
**30**  
Million Feet

In Stock  
For Immediate Shipment  
Stocks at  
Pakesley  
and  
Victoria Harbour

*Write for Quotations*

**SCHROEDER  
MILLS AND TIMBER CO.**

Frank J. Archibald, Sales Representative  
Room 305 Stair Bldg. 123 Bay St., Toronto, Ont.

ESTABLISHED 1893

INCORPORATED 1916

**ROBERT BURY  
& COMPANY**  
(CANADA), LIMITED  
1 Spadina Avenue, Toronto

Our Dry Kilns have a capacity for drying 200,000 feet per month. We will dry your transit cars.

All Canadian and American  
Hardwoods  
MAHOGANY  
WALNUT  
VENEERS AND PANELS  
of every description

## *THIS WEEK'S SPECIALS*

Car 1", 1½" & 2" FAS Cypress.

" 1½" x 10" & up FAS Red Oak.

" 1½" x 10" & up FAS White Oak.

250,000 Mahogany, all thicknesses in Honduras, African and Cuban.

## VENEERS

MAHOGANY, OAK, WALNUT, GUM,  
BIRCH, BASSWOOD, ASH, MAPLE, and ELM  
Log run or cut to dimension

## PANELS

BIRCH, BASSWOOD, ASH, MAPLE, ELM, FIR,  
MAHOGANY, WALNUT, OAK and COTTONWOOD

**We Specialize in Mixed Ship-  
ments of Dry Hardwoods,  
Veneers and Panels**

*This is a good time to conserve your capital by making purchases in this manner*



# Anderson, Shreiner & Mawson

## ALL KINDS OF HARDWOOD AND SOFTWOOD LUMBER

*Specialties*  
BIRCH AND MAPLE  
All Thicknesses

MILLS AT  
KING LAKE and EAGLE LAKE, ONT.

ROOM 411, COLONIAL BLDG.  
13 KING ST. WEST, TORONTO

Write or Wire Us, or Phone Adelaide 8085

*Canadian Tie and Lumber Co.*  
LIMITED

511 Temple Building,  
Toronto, - Ontario  
Phone Main 1151.

Cutting Capacity 300,000 Ft. per Day

# J. J. McFADDEN LIMITED

Red & White Pine **LUMBER** In Any Quantities

The above is supplied by us in all standard grades and dimensions. All lumber is of guaranteed quality and grade as ordered. Our location and facilities enable us to give our patrons the utmost in service and prompt shipments.

Mills at: - SPRAGGE, ONT. & BLIND RIVER, ONT.





# A Service that Fits Buyers' Requirements

**N**O matter where you are located or the extent of your requirements, we are always ready to serve you promptly, with a quality of stock that is guaranteed to give satisfaction. Our specialties:

Spruce

Hemlock

Pine

Hardwoods

B. C. Lumber and Timber

**G. A. GRIER & SONS LIMITED**

Head Office: 1112 Notre Dame St. West

**MONTREAL**

22 Royal Bank Chambers. 454 King St. West

**TORONTO**

*Established 1871*

*We have absolutely no connection with or interest in any other firm bearing a name similar to ours.*



**International Land & Lumber**  
**Company Limited**  
**LUMBER**  
 AND  
**RAILWAY TIES**

Limits and Mills: ST. FELICIEN, LAKE ST. JOHN DISTRICT, QUEBEC

**WE OFFER**

**DRY JACK PINE FLOORING**  
**V. SHEETING and SIDING**

Excellent Milling Facilities

**ARTHUR N. DUDLEY**

Manufacturer and Wholesaler

108-109 Stair Building,

TORONTO, ONT.

TELEPHONE MAIN 6368

**Canfield-Wilmot**

LIMITED

*Wholesale Lumber*

Woodstock

-

Ontario

**B. C. FOREST  
 PRODUCTS**

ALWAYS IN TRANSIT

**George Burchill & Sons**

*Manufacturers of*

**Spruce and Pine Lumber**  
**Laths, Shingles, Nail Keg Staves**

ALSO

**Planing and Dressing Mill**  
**Sash and Door Factory**  
**Mouldings, Etc.**

A quantity of uncrozed nail keg staves in good  
 shipping condition on hand

**South Nelson - Miramichi - New Brunswick**

**Dry Hemlock, Spruce and Pine**

*In All Dimensions*

1920-1921-1922 cut

Ontario and Quebec stock

**TIES AND PILINGS**

Also PINE, SPRUCE and HEMLOCK LATH

*All for immediate shipment*

WANTED

5 million feet Hemlock, Spruce and Pine Lumber. Also 5 million Hemlock, Spruce and Pine Lath

**Big Bear Lumber Company**

Telephones Main 651-1218-1219.

Suite 208 Excelsior Life Building, Toronto, Ont.



# SCOTT, DRAPER & COMPANY

11 SAULT AU MATELOT STREET, QUEBEC.

## PULPWOOD, LUMBER AND TIES

LET US KNOW YOUR REQUIREMENTS

WRITE, WIRE, OR PHONE

Cable Address  
'BENLUMCO'

Codes used  
ABC 5th Western Union  
Universal

### Bennett Lumber Co., Limited

Manufacturers and Exporters

Spruce, Pine and Hardwood  
Lumber

American Hardwoods & Mahogany

11 St. Sacrament St. MONTREAL, P.Q.

### Story Lumber Co., Ltd.

Wholesale Lumber Dealers

Pine Spruce Hemlock Hardwood

Head Office: 701-703 Hope Chambers,  
Ottawa, Canada

Branch Office: 30 St. John Street, Montreal, Que.



View of our recently rebuilt modern planing mill.

## BUY B.C. FIR and HEMLOCK

We solicit correspondence and inquiries from

### THE EASTERN CANADIAN TRADE

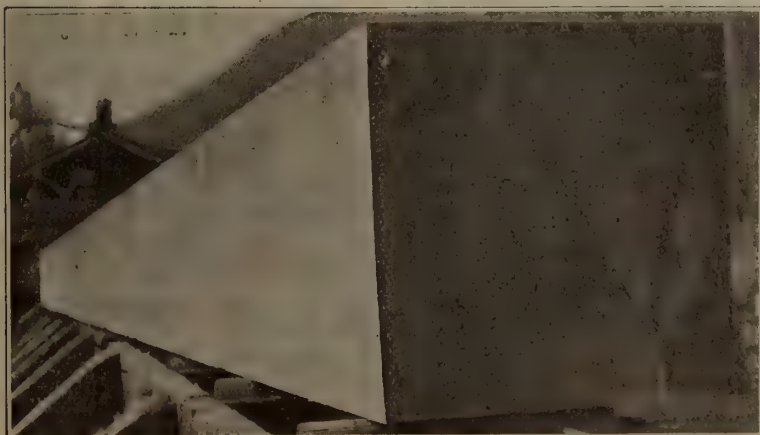
For fir yard stock, B. C. or Hemlock Shiplap and  
Boards, timbers any size and length up to 90 feet.

We also specialize in mixed cars of high-grade fir  
uppers and mouldings and are also manufacturers  
of fir doors.

Robertson & Hackett Sawmills, Ltd.

Established 1888

Mills and Office: FALSE CREEK, VANCOUVER, B.C.



35x35—82 ft. long Fir Timber

OUR SPECIALTIES:

## Long Fir Timber Planking Decking

Cutting orders for 2" in long lengths either  
Common or Clear (obtained as side cut).

Planer capacity 6" x 30". We do not  
operate dry kiln, but can arrange to air-dry  
in our yard to requirements.

Our Mill is on Canadian Pacific Railway with Rail Connection  
(Five Miles) to Tidewater on Alberni Canal, Navigable for all Vessels.

**BAINBRIDGE LUMBER CO. Limited**

Cable Address: Bainbridge, B.C. Telephone and Postal  
Bainbridge Lumber, Victoria Service at Bainbridge  
Sales Office: 421 Pemberton Building, Victoria, B. C.



# Mason, Gordon & Co., Limited

80 St. Francois Xavier St.

(Wholesale Only)

Montreal, Que.

British Columbia Products

White Pine and Quebec Spruce, Fir Doors

(Carload Lots)

Vancouver Office:

Pacific Building

Hubert C. Gordon  
Representative

Exclusive Representatives

Quebec and Maritime Provinces

B.C. Mills, Timber & Trading Co.  
Vancouver, B. C.



## LUMBER



L  
A  
T  
H

MUIR & KIRKPATRICK

1315-20 Bank of Hamilton Bldg.

TORONTO, CANADA

MANUFACTURERS AND WHOLESALERS

L  
A  
T  
H



## LUMBER



# Mackinaw

Bearing this "Rooster" stands for  
All Wool — Correctly Tailored — Generous Sizes

Over 30 Years Manufacturing for Lumbermen

COATS — PANTS — RIDING BREECHES — JUMPERS  
SHIRTS — OVERALLS, etc. etc.

White Coats and Aprons for Cooks.

ROBERT C. WILKINS CO., LTD. Farnham, Que.

523 New Birks Bldg., Montreal

## MILLING IN TRANSIT

We make general Milling Lumber in Transit.

### SPECIALTIES:

Resawing or splitting in the rough. Extensive yard at your service for piling and sorting your lumber, for reshipment of straight and mixed cars, rough or dressed.

We have obtained railways' special rates on lumber in transit to be stopped off for dressing or sorting at our mills.

## THE SAVOIE-GUAY COMPANY

Plessisville Station, P.Q.

Engineers, Constructors, Founders, Machinists. Water wheels, Steam and Gasoline Engines. General Saw Mills and Woodworking Machinery. A specialty of working from specifications.

Also Savoie & Co. of Manseau





"BIG CHIEF"

## What Does Your Customer Say?

You will agree Mr. Lumber Merchant, that the life-blood of your business are the folks who "come again".

Their satisfaction is the measure of your success.

"Cost" may talk a little, but the Acid Test is "What does your customer say?"

You will find all that is essential in correct manufacturing, in worth-while grading, embodied in "Big Chief" Forest Products.

The simple result we seek is to supply you with a standard of West Coast Products which we know cannot be exceeded.

# VANCOUVER LUMBER CO.

LIMITED, VANCOUVER, B.C.

701 Excelsior Life Bldg., Toronto

THERE IS NO SUBSTITUTE FOR QUALITY

Branch Sales Offices at Toronto, Ont., Winnipeg, Man., Chicago, Ill.



# BUY BRITISH COLUMBIA Red Cedar Shingles



The life of a British Columbia Red Cedar Shingle Roof can almost be gauged by the life of the nail with which the shingle is nailed in place. Judging from available data, the average life of the ordinary steel wire nail, which has been in such common use, is only from seven to twelve years. Some wire nails will last longer, depending upon the condition of exposure, climate and similar features, but considering our climate as a whole, at the end of from seven to twelve years a large percentage of wire nails will have rusted either completely through or so extensively that the first strong wind will complete the work. The shingles that have been held in position by such nails are then free to work down, permitting rains or melting snows to leak through and damage the interior of the structure. Examination will disclose that the fibre of the shingle itself is still in perfect condition, and a leaky roof, in the majority of occasions is due entirely to the use of faulty nails, but the average home owner, placed at such inconvenience, will not stop to reason this out and the poor wooden shingle comes in for more unjust abuse.

There are several kinds of nails which experience has proven will give lasting satisfaction, and the wise dealer will advise his customers of these satisfactory nails. A pure zinc shingle nail meets all the demands of durability required. Its principal drawback is its high cost and a slight tendency to bend under careless driving. Galvanized wire nails theoretically are rust proof, and if the galvanized coating is properly applied, and of sufficient thickness, such a nail will last as long as the shingle it holds in place. The life of this shingle roof, properly applied with these nails then is from 40 to 50 years. Pure iron nails, or the old cut or wrought nails are ideal but difficult to secure. Copper nails also constitute a perfect shingle nail.



## Timms Phillips & Co., Ltd.

Yorkshire Bldg., Vancouver  
Manufacturers and Wholesalers

### Red Cedar Shingles

3x-5x- Perfections, Royals, Imperials

### Red Cedar Bevel Siding

## Vancouver Lumber Co., Ltd.

Manufacturers

### XXX-XXXXX CEDAR SHINGLES

(B. C. Inspected)

Head Office,  
Vancouver, B.C.

Eastern Sales Office  
Toronto, Ont.

## Westminster Mill Co.

LIMITED

New Westminster, B.C.

### Red Cedar Shingles

### Cedar Bevel Siding

## Dominion Timber Products Ltd.

Vancouver Block  
Vancouver

Largest Manufacturers of

### Perfection Shingles

in Canada

## Underhill Lumber Co., Ltd.

Dominion Bldg., Vancouver

### RED CEDAR SHINGLES

3x-5x- Perfection and Eureka

### CEDAR BEVEL SIDING

### CEDAR BUNGALOW SIDING

## Shull Lumber & Shingle Co.

Limited

New Westminster B. C.

Trade Mark

### RED BAND SHINGLES

XXX XXXXX Stars Clears

From Mill to You

If you want a market  
for B. C. Red Cedar  
Shingles put an advert-  
isement on this page.

## Northern Pacific Logging Co. Ltd.

Port Moody, B.C.

Manufacturers of

### High Grade Red Cedar Shingles



## Quick Buyers Wanted

To clean up the following bone dry, well manufactured, small log stock.

- 1 large car 2 x 5 10/16 Red Pine.
- 1 car 1½ x 4 & up 10/16 White Pine  
(Largely 5 & up).
- ½ “ 2 x 4 & up 10/16 White Pine.  
(Largely 6 & up).
- ½ “ 1 x 4 7 up 10/16 White Pine.  
(Largely 5 & up).

We have also several nice lines in

## Sash & Door and Pattern Stocks

*Send us your inquiries.*

For personal service, close prices, and prompt shipment,

WRITE

**J. C. BARTRAM**  
JACKSON BLDG., OTTAWA

resident:  
Sir William Price

Established  
1882

Vice-Pres. and Gen'l Manager  
Alfred S. Gravel

## SPRUCE and Hardwood

If its good Quebec Spruce you want we have it ready for prompt shipment.

Mail us your inquiries.

We also specialize in Hardwood Flooring.

## The Gravel Lumber Co., Ltd.

MANUFACTURERS and WHOLESALERS

Mills and Head Office

Etchemin Bridge,  
Quebec

Selling Office:

Room 501 Drummond Bldg.,  
Montreal



We are sawing now and will have ready for shipment the end of June, a well assorted stock of scant two inch **MERCHANTABLE SPRUCE**

Lengths and widths piled separate.

*Send us your inquiries*

**LINTON LUMBER COMPANY**

306 Kent Building - Toronto

Phone: Adelaide 3607

## GOOD PINE DRY

18,000'	1 x 4/up 6 to 9	Good White Pine	Shorts.
40,000'	1 x 4 to 6 10/16	“ “ “	Strips.
30,000'	1 x 7/up	“ “ “	Sides.
4,000'	5/4 x 4 to 6	“ “ “	Strips.
3,500'	5/4 x 7/up	“ “ “	Sides.
30,000'	6/4 x 6/up	“ “ “	Sides.
65,000'	8/4 x 6/up	“ “ “	Sides.
25,000'	1 x 6/up	“	No. 3 Cuts & Better.

Write for quotations.

## The Long Lumber Company

TORONTO OFFICE: - - - HEAD OFFICE:  
25 Toronto Street - - - Hamilton, Ont.



In these days of keen competition, **QUALITY TELLS**, and so far as Lumber is concerned we believe we can safely say we can furnish **QUALITY** combined with the **BEST OF SERVICE**.

At the present time we have a considerable quantity of

# 1" No. 1 Common Cedar

This is particularly desirable stock, being a **SMALL-KNOTTED** type and will make excellent Boards and Shiplap, also a good cheap Siding or Ceiling. Try a car and we feel sure you will be surprised at its superiority.

We also manufacture **FIR** and **Spruce**. As **DIMENSION**, our **FIR** can be strongly recommended, and **GOLDEN SPRUCE** already has a string of steady users in Eastern Canada.

Our sawmill, with a daily 10-hour cutting capacity of 200,000 feet, is the largest in the interior of British Columbia. We run all orders through the planing mill at time of shipment so that our stock always reaches you bright, clean and newly milled.

## Columbia River Lumber Co., Ltd., Golden, B. C.

affiliated with and represented jointly by salesmen of

## Canadian Western Lumber Co., Ltd., Fraser Mills, B. C.

Eastern Sales Office—64 King Street East, TORONTO  
to whom, please address all enquiries.

Representatives:—

L. D. BARCLAY

E. C. PARSONS



## **FOR SALE**

2 x 4, 10, 12, 14 & 16 ft.  
 2 x 5, Do.  
 2 x 6, Do.  
 2 x 7/9, Do.  
 2 x 8, Do.  
 2 x 10, Do.

The above stock is nice clean, knotted Jack Pine & Spruce Mill Run, Culls out. Cut last summer and now in excellent shipping condition.

**C. A. LARKIN COMPANY**

*Wholesale Lumber Merchants*

229 Confederation Life Building, Toronto, Ontario

# Dry

## 5/4

## and

## 8/4

# White Pine

**W. C. Edwards & Co.**  
 Limited

OTTAWA

CANADA

## **GET THE BEST**

↓  
**IT  
 WILL  
 PAY  
 YOU**

OLIVER White Pine and Hardwoods add a zip to sales and send your prestige stock soaring.

*Get quotations today*

**The Oliver Lumber Co.**

OF TORONTO LIMITED

6 King St. West

TORONTO



## Keep on Trying

If you can't get either of our Phones, let us know and we'll put in another one.

**R. G. CHESBRO**

Bank of Hamilton Bldg.

Toronto



# Beardmore Extra Quality Waterproof Cement Leather Belting



*For the Wet  
Place*

Tell us your belting troubles  
and we can help you

**The General Supply Company of Canada, Limited**

OTTAWA MONTREAL TORONTO NORTH BAY MONCTON WINNIPEG VANCOUVER

*Large stocks available for immediate shipment*



# Rubber Goods FOR LUMBERMEN

## Belting

Our long experience in the making of Rubber Belts enables us to specialize on this line. "P. M. S.," "Special Drive" and "Lion" are our leading brands for power transmission.

## Packings

"Redstone" High Pressure Sheet Packing has proved by test that it will outlast any other similar packing on the market. We make Spiral and Ring Packings, etc., that are equally reliable.

## Hose

for Steam, Water, etc., in various grades, made especially to give satisfactory and economical service under different conditions.

## Fire Hose

One or more of our twenty brands of Fire Hose will be found, not only in the best equipped Factories, Mills, etc., but in almost every Fire Department in the Dominion.

## Rubber Footwear

We make a complete line of Lumbermen's boots. For over 25 years, our Maltese Cross Brand has been the leading line in Canada. Make sure you get this old dependable brand.

**Gutta Percha & Rubber Limited**

TORONTO HALIFAX MONTREAL OTTAWA HAMILTON LONDON FORT WILLIAM WINNIPEG REGINA  
SASKATOON EDMONTON CALGARY LETHBRIDGE VANCOUVER VICTORIA



# *Your Belting Upkeep*

**A** FACT which many millmen have known for a long time and which many more are constantly becoming aware of, is that

## **D. K. McLaren's Genuine Oak Tanned Leather Belting**

gives less trouble and ensures more power. Consequently, it minimizes belting upkeep.

In buying, be sure to look for the oak leaf trade mark. It is put there for your protection and is your guarantee of the genuine product.

If there isn't a branch or agency in your town, write to any of the addresses given below. You will be given prompt, courteous service and any information you desire.



# **D. K. McLaren Limited**

**Head Office & Factory: 351 St. James St., Montreal**

### **Branches:**


**TORONTO, ONT., 194 King St. West.**

**ST. JOHN, N.B., 90 Germain St.**

### **Stock Depots:**

**CALGARY, ALTA., Gormans Ltd., EDMONTON, ALTA., Gormans Ltd., VANCOUVER, B.C., Gormans, Ltd., 1158 Homer St.**





# Simonds Saws

If it is a saw of any kind for the Mill or Timber operation that you require, your first selection, because of their cutting efficiency and lasting qualities, should be a SIMONDS.

Made of SIMONDS own Steel—steel that is manufactured in Simonds Steel Mills especially for high-grade products, SIMONDS SAWS hold their edge and stand heavy feed.

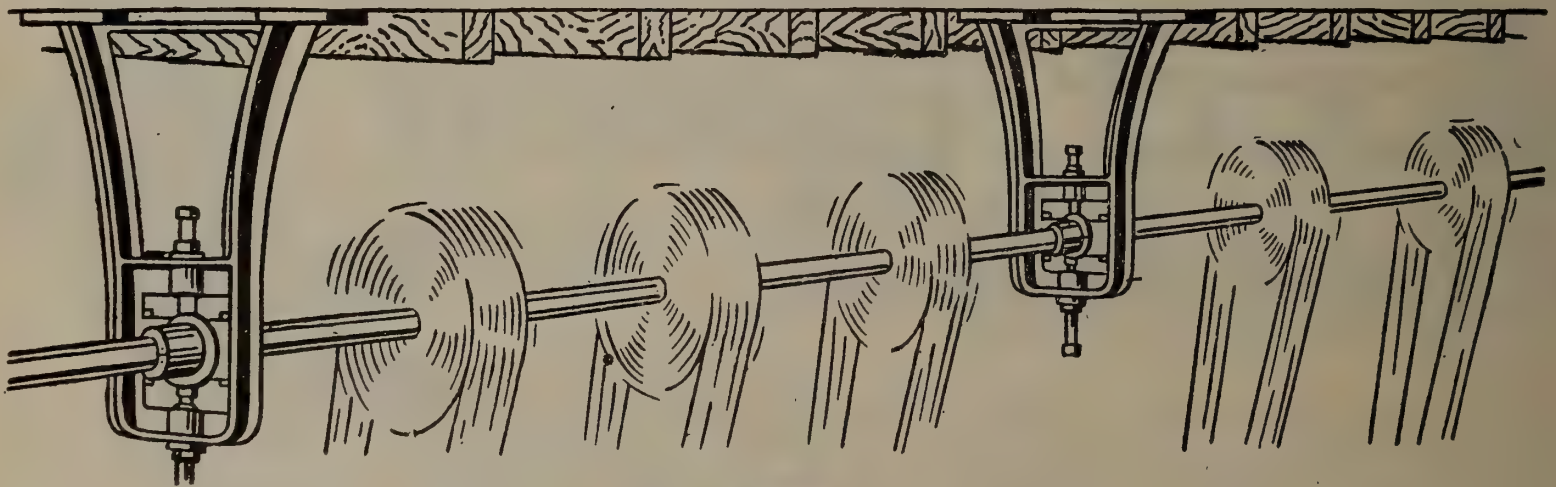
They retain their tension and require less fitting in the mill.

Write for our new catalogue and prices

## Simonds Canada Saw Co. Limited

*"The Saw Makers"*

MONTREAL, QUE.      ST. JOHN, N.B.      VANCOUVER, B.C.



# DODGE

## Power Transmission Machinery

Thirty-seven years of engineering and practical experience, combined with the largest and most modern manufacturing facilities assures to the buyer of DODGE Transmission Machinery a quality in materials and reliability in the finished product that cannot be equalled. Large and complete line of Shafting, Hangers, Pulleys, Couplings, Friction Clutches always in stock. All parts standardized and interchangeable.

**DODGE MANUFACTURING CO. OF CANADA, Limited**  
HEAD OFFICE AND WORKS, TORONTO  
BRANCH WAREHOUSE 770 ST. PAUL STREET WEST, MONTREAL

*Distributors: Chapman Double Bearings Ex Our Stock*



## How Lumbermen Regard New Sales Tax

*New Legislation Regarding Operation of Federal Sales Tax Draws Many Comments from the Trade. Those in the Wood Industry Have Reputations for Being Broadminded and in This Instance Appreciate that Each Must Do His Share in Bearing Burden of Taxation. However, While Some Declare New Tax to be Excessive Most Manufacturers, Wholesalers and Retailers Will Be Content if Solution is Arrived at which Embodies no Loopholes and is Fair to All.*

The new sales tax of six per cent has aroused acute interest in the lumber trade. No sales tax is ever popular except when it bears most heavily on the other fellow. It is a levy which all quite willingly sidestep but since it cannot be dodged effectively, there are many ideas regarding its application and collection.

The "Canada Lumberman" has received numerous communications with respect to the new measure which will go into effect on August 1st next, and at the time of writing many points regarding its feasibility remain to be settled. Excerpts from communications received from several firms are taken at random and printed in this issue to show that no man, no matter in what branch of the lumber business he may be engaged, welcomes the new measure, or endorsed the action of the Ottawa administration in its fiscal ideas.

A leading Toronto wholesaler remarks:—"There are very few lines of business in Canada today, if any, in which the investment and risk is so great and the margin of profit so small as the lumber business. The three per cent sales tax, in our opinion, has been a very great handicap to the business, and if this tax is raised to six per cent it will do incalculable harm. We do not think lumbermen can stand this enormous tax which we venture to say is more than the average profit realized."

A lumber manufacturer in Western Ontario says,—"We think there should be concerted action upon the part of lumbermen to have this tax reduced. It is altogether too high. The three per cent tax was, certainly, high enough and lumbermen have enough difficulties to contend with today without having the levy doubled."

### Increase Will Injure Trade

An Ottawa wholesaler declares:—"It strikes us that taxation should be imposed at the source, viz., from manufacturers, in order to be collectible, and as the lumber business from a wholesale viewpoint is conducted on a very small margin or percentage of profit, if we are obliged to absorb this six per cent tax, either directly or indirectly, it will hamper our efforts at successful dealing. It must be remembered that if six per cent is tacked on to the manufacturer, such charge represents a like increase in the production costs, and in order for a manufacturer to realize a profit, he must necessarily increase his price to the next man who sells or distributes forest products.

One gleam of satisfaction comes from the exporters, and an eastern firm writes,—"Our business here is entirely export and we are not affected in the same way by the new tax as we would be if we were doing a local trade."

A Montreal wholesale and manufacturing concern say,—"We believe the increase in the sales tax on lumber as proposed by the Fielding Budget, is a great mistake. Lumber prices today have gone about the limit, and it is the

consensus of opinion that values are now at their peak. The six per cent sales tax will increase the cost of our lumber on an average about \$2.05 per M feet, and we do not believe the trade will stand it."

Another Toronto wholesaler remarks,—"We believe that the method by which the sales tax should be collected, should be on the total monthly sales of the manufacturer and not be shown on any invoice. If it is undesirable to show a sales tax on the invoice to a retailer, why should the sales tax be put on the manufacturer's invoice to the wholesaler? The wholesale profit on lumber is not such that it would readily absorb the six per cent sales tax, and this has to be added to overhead expense, and we consider this undesirable."

### Blames Lumbermen for the Outcome

A Quebec wholesaler asserts,—"The present tax is too complicated and unwieldy and is likely to retard building. It will also lead to a decreased consumption of lumber by general industries."

A leading eastern manufacturer says:—"With regard to increasing the sales tax on lumber to six percent, I do not care to express a very definite opinion at the present time until the matter comes before our Association. I deem silence the better course at the present time."

A New Brunswick lumberman says,—"We are not at all surprised at this increase as we have been rather expecting something of this kind. In fact I think that a good many of the lumber dealers are themselves to blame for the action that the Government has taken in this matter. You will remember that under the present Act the lumbermen are favored. The dealers, who buy from the manufacturers, started an agitation to have the manufacturers absorb part of this tax, calling attention to the preferential treatment the manufacturers apparently enjoyed, forgetting that the dealers themselves have the benefits under that arrangement. Now that the matter has been called to the special attention of the Government, they have brought us under the general clause, charging us the same rate as on all other manufactured articles. In my opinion, there is nothing for us to do except to charge the tax to the dealer when the purchases are made and he will have to pass it on to his customer in the same way. I do not know whether it is possible to have the Finance Minister reconsider this matter but I am very doubtful if we would have any success in that direction."

### Should Confine Area of Collection

A Northern Ontario lumber manufacturer takes a rather jocular view of the situation and says "Something desperate should be done to the fellow who invented taxes and interest." He adds,—"On sales already made and where the goods will not be delivered until after the new tax comes into effect, we

(Continued on page 42)



# Montreal Wholesalers Discuss the New Tax

*Many Dealers and Manufacturers in East Venture Opinion that Lumber Should be Considered Manufactured Product and Tax Collected at Origin with no Further Levy*

At the usual luncheon of the Montreal Wholesale Lumber Dealers' Association on Wednesday, May 16, an informal meeting of the members was held which was also attended by Mr. Dan McLachlin. Mr. Arthur Campbell outlined what had been done by the Montreal Lumber Association and supported the idea of a modification in the clause dealing with the re-manufacture of lumber. He expressed the opinion that it would considerably simplify the matter if the tax were paid entirely by the manufacture on the sawn lumber. He also stated that it was held by some lumbermen that the tax of 6% was too high.

## Public Will Ultimately Pay

Mr. Dan McLachlin said that, from his point of view, it did not make any difference whether the tax was borne by the mill or by the wholesaler—the public would ultimately have to pay it. If the lumber was regarded as manufactured material, then the mill would have to pay, but if it was regarded as raw material, then users of it would have to pay the tax.

In the course of further discussion, it was suggested that, under the re-manufacturing clause, the mill might have to pay 6% tax, and then, if the lumber were manufactured into furniture, another 6% would be levied on the finished article. What was really required was a ruling on the subject, and the idea of sending a joint deputation with the Montreal Lumber Association was approved in order to obtain full information on the subject.

On the point of what constituted re-manufacturing, Mr. Campbell stated that the Ottawa authorities had previously ruled that dressing of lumber did not constitute further manufacture.

It was also pointed out that the tax of 6% would operate against Canadian buyers as compared with those from the States. While Canadian buyers would have to pay the tax, which would no doubt be incorporated in the price charged by the mill, American firms would be exempt from this 6% charge, and would thus be able to obtain their lumber cheaper than domestic buyers.

The chair was taken by Mr. Bock, and the discussion was taken part in by Messrs. A. Campbell, W. A. Filion, C. Villiers, C. A. Spencer, and others.

Following this meeting, it was arranged that a deputation from the Montreal Lumber Association, the Montreal Wholesale Lumber Dealers' Association, and the Wholesale Lumber Dealers' Association, Toronto, should visit Ottawa on May 17, with a view of obtaining information as to the tax, and particularly as to the clauses dealing with the re-manufacture of commodities.

## Interviewing the Ottawa Authorities

The deputation consisted of Messrs. D. H. McLennan, of the McLennan Lumber Company, Montreal, president of the Montreal Lumber Association; Arthur H. Campbell, of the Campbell, MacLaurin Lumber Co. Ltd., of Montreal; G. W. Grier, of G. A. Grier & Sons, Ltd., of Montreal; J. S. Bock, Eagle Lumber Co. Ltd., chairman of the Montreal Wholesale Lumber Dealers' Association; O. Page, Cardinal & Page, of Montreal; A. J. Smith, Albert J. Smith Lumber Co. Ltd., of Montreal; C. E. Plant, C. E. Plant Lumber Co. Ltd., of Montreal; W. A. Filion, of E. H. Lemay, Montreal; A. E. Clark, Edward Clark & Sons, Ltd., of Toronto; A. E. Eckardt, the R. Laidlaw Lumber Co., of Toronto; D. C. Johnston, Union Lumber Company, of Toronto; C. E. Fleming, C. E. Fleming Tie & Lumber Co., of Ottawa; Frank Hawkins, secretary of the Canadian Lumbermen's Association, and others.

The deputation interviewed Messrs. R. R. Farrow, Commissioner of Customs and Excise, and T. R. Russell of the Business Profits Department and after being introduced by Mr. McLennan, asked a number of questions bearing on the tax. The interview was of an informal character, every member of the deputation taking part in it. The deputation inquired as to what effect the tax would have on the lumber trade, and how it would be collected, having special regard to the fact that lumber was re-manufactured into many forms of commodities.

From the statement by Messrs. Farrow and Russell it appears that the tax, instead of being collected entirely at the source, that is from the mill, will be mainly collected from those who actually man-

ufacture the lumber into sashes and doors, boxes, furniture, etc. The regulations governing the collection of the tax are not yet complete, but their broad lines will be such that the millmen will not pay the tax, unless the lumber is sold to a consumer or to a wholesaler or manufacturer who does not hold a license. The last licensed manufacturer or licensed wholesaler pays the tax to the Government—no matter what numbers of hands the raw material or semi-manufactured material passes through. A licensed wholesaler, selling to unlicensed manufacturers, will pay the tax, incorporating the tax in the price.

## What Montreal Wholesalers Desire

At a meeting of the Montreal Retail Lumbermen's Association, held on May 16th, the following resolution was passed:—"That the Minister of Finance be asked that whatever sales tax is levied by the Dominion Government on the lumber trade, be assessed on the producer at the source of manufacture, and that no further tax be collected, for the reason that a tax on re-manufactured lumber will lead to confusion."

During a brief discussion it was suggested that the sales tax under the proposal of Mr. Fielding would lead to considerable complications, and that it might be levied twice over, thus increasing the cost of lumber.

The B. C. Wholesale Lumber and Shingle Association has wired Mr. Fielding suggesting that the tax should be collected at the source and not passed on as under the old system.

## Lumber Manufacturer Carrying Heavy Burden

A representative firm in the Midland district, writing the "Canada Lumberman" in regard to the sales tax say that it makes no particular difference to them as they have sold their 1923 production at certain prices plus sales tax. The president of the organization added that there is a much greater element of risk in the lumber business than in any other line. There are conditions over which the lumberman has no control and which do not apply to the average industry. In a marked degree this is the case from the time the timber is taken from the stump until placed on the market. Between various taxes, Compensation Board assessments and other costs, the lumber manufacturer, if he is going to remain in business, is carrying a burden beyond the limit which it can be done without passing on additional cost to the consumer.

Considering the present high cost of material and labor, further increases will doubtless tend to reduce consumption and demand and from the standpoint of good business, the policy of manufacturers respecting production will doubtless be to govern themselves according to the demand and market conditions. Should there develop restricted market conditions and demand for the goods that the lumberman produces, their policy would be to curtail production pending an improvement, and the speaker thought that other manufacturers would, doubtless, follow the same course.

## Want Modification of Proposed Measure

The question of the Sales Tax has been under the consideration of the Montreal Wholesale Lumber Dealers' Association and of the Montreal Lumber Association. The subject was first taken up by the Montreal Lumber Association at a special meeting held on May 14, under the presidency of Mr. D. H. McLennan. As a result of the discussion, it was decided to send a telegram to Mr. Fielding asking him to receive a deputation with a view to the modification of the clauses relating to the re-manufacture of lumber, and the method of collecting the tax. The telegram expressed satisfaction with the change in the Sales Tax, in so far as it applied to the source. At the same time, it was pointed out that a certain amount of trouble might be anticipated owing to the difficulty of ascertaining the exact amount of lumber that could be considered as raw material in the manufacture of such commodities as doors, sashes, windows, etc. The opinion was also expressed that this difficulty could be obviated by applying the tax to sawn lumber only, which would be collected at the source and which would simplify the situation.



# Provisions of New Measure Set Forth

The Minister of Finance states that the new tax will be six per cent., to be "collected at the source," coming into effect Jan. 1st, 1924. It would appear as if the chief points in the new measure are as follows:—

A manufacturer producing goods to the value of \$10,000 per year will be required to take out a sales tax license at a cost of \$2.00.

Wholesalers selling fifty per cent. of their sales to manufacturers holding a sales tax license will be permitted to take out a license.

The product of a sawmill will only be taxed when it is not to be used as raw material for "further manufacturing." Shingles and lath, doors, sash, etc., will be subject to the tax when sold by the mill, being regarded as finished products.

A straight retailer, not operating a planing mill, will pay a price in which the manufacturer or wholesaler has included a six per cent. tax. That will be the end of it for him, as he will not have to collect the tax.

The retailer, who operates a planing mill, and who sells \$10,000 worth of "further manufactured" product per year, will have to take out a sales tax license. He can buy material for his planing mill without any tax upon it but,

when he sells his "further manufactured" product, it will be subject to six per cent. tax. On his purchases of material which he intends to sell without putting it through the planing mill, there will be a tax when he buys and no tax when he sells.

Imports will be subject to six per cent. tax on the duty-paid value, unless imported by a manufacturer, to be used in the production of articles for sale.

The date when a refund on account of sales tax with respect to goods sold at a price fixed before May 12th 1923, is put further back to June 30th 1924, instead of March 31st 1924.

It is said that the intention of the Finance Minister is that the tax shall not be shown in the invoice as a separate item, but shall be added to the price.

The experience of former years suggests that the whole situation may yet be changed by later announcements. However, if it goes into effect as outlined above, it is pointed out, the situation will be very serious for the retailer, who will be both paying and collecting taxes from the government. He will be paying a heavy tax on all stock that he does not "further manufacture" and he will be collecting a heavy tax on all stock that he does "further manufacture."

## Toronto Lumbermen Hear Tax Explained

The new six percent sales tax, its interpretation and application was the principal theme of discussion at the regular monthly meeting of the Wholesale Lumbermen's Association, Inc., held at the Albany Club on Friday evening May 18. There was a good attendance and another feature was an address by T. W. Gibson, Deputy Minister of Mines for Ontario, on the "precious metals" of the province.

Concerning the conference recently held in Ottawa regarding the new sales tax, announced by Hon. W. S. Fielding, Finance Minister, with the Commissioner of Taxation, interesting reports were presented by A. E. Eckardt and D. C. Johnston. These members represented the Toronto trade and, included in the delegation, were lumbermen from Montreal and Ottawa. The deputation numbered about thirty. Mr. Eckardt summarized matters in pointing out that the information regarding the application and collection of the new sales tax of six per cent., which will come into effect on January 1st, 1924, was not complete as yet and its interpretation was conflicting. In general he said that the tax would be collected "at the source" upon the sale of manufactured products. The product of a sawmill will only be taxed on the sale by the mill in cases in which it has been sold for ultimate consumption. This will include sales of shingles and lath and rough building material which is not to be further manufactured.

Lumber or timber which it to be further manufactured in a planing mill, sash and door factory or other plant using lumber as a raw material, will be sold by the sawmill without a tax. When it has been further manufactured, its sale will then be subject to a tax of six per cent.

All manufacturers producing goods to the value of \$10,000 or more per year will be required to take out an annual license at a cost of \$2. Wholesalers or jobbers selling fifty per cent of their total sales to licensed manufacturers may be granted a tax license. Wholesalers or jobbers selling to others than licensed manufacturers will be required to pay the tax on their sale prices.

### Sales Tax Included in Price

All importations will be subject to a tax of six per cent. on the duty-paid value. There will be no sales tax upon goods imported by a licensed manufacturer, to be used in the production of articles for sale. It has not yet been announced but it is understood to be the intention of the Minister of Finance, that the sales tax shall not be shown as a separate item upon the invoice but shall be included in the price.

It is learned that there will be only one tax and that there will be no tax on lumber exported. The present conditions in this

respect will be continued on and after August 1st.

On motion of J. L. Campbell and Nelson Clark a hearty vote of thanks was passed, tendering Messrs. Eckardt and Johnston the appreciation of those present for their able review of the provisions of the new sales tax, which although still doubtful on many points, was of great interest to lumbermen.

It was decided that the June meeting, in view of the annual convention of the American Hardwood Association in Chicago, during the third week in June at which many Canadians will be present, will be held on Friday, June 29th, instead of the 22nd.

Arrangements for the annual picnic, which will be held at the Lake Shore Country Club, were left in the hands of the Entertainment Committee, which will decide the date.

### The Mineral Wealth of Ontario

Mr. Gibson was suitably introduced by Chairman A. C. Gordon and referred to what is known as the precious metals, gold and silver. The former was secured in two ways, from alluvial deposits and the solid rock. Sixty-seven per cent. of the world's output of gold came to-day from countries flying the Union Jack. Mr. Gibson related an interesting tale of the discovery of gold in Hastings County in 1866, and told of subsequent discoveries up to the present day when the province had such valuable auriferous mines as the Hollinger, McIntyre, Dome, Kirkland Lake and others, the first-named yielding \$1,000,000 in gold every month. Unlike lumber, gold did not vary in price and was always worth the same figure, \$20.60 an ounce.

Referring to silver, Mr. Gibson spoke of its discovery in Cobalt and the subsequent developments in that great mining camp. Since 1903 when Cobalt first became known, this argentiferous area had up to the present period produced \$215,000,000 worth of silver.

At the close a number of excellent views were thrown upon the screen depicting mining operations and widely-known mines in Northern Ontario.

On motion of J. L. Campbell and F. H. Bigwood, a hearty vote of thanks was tendered the speaker for his admirable address.

A new office building is being erected by the Abernethy Loughheed Co. at Port Haney, B.C. When the building is completed the headquarters of the logging concern will be removed from New Westminster. The head office of the Stave Falls Lumber Co. is now located in Ruskin where also is the headquarters of the Ruskin Operations, Limited, subsidiary to the Abernethy Loughheed interests. Earl Selkirk formerly of Port Haney, has been transferred to Stave Falls while Harry W. Hall is now located at Ruskin.



## How Lumbermen Regard Sales Tax

(Continued from page 39)

think the extra burden should be shouldered equally by buyer and seller. It is impossible, however, to arrange the tax to please everybody but to our mind it would be well to confine the area of collection. "We do not see how this can be done in a more efficient manner than by making the manufacturer pay and not allowing him to pass it on to the other fellow. The manufacturer has to deal with labor so has considerable experience with trouble; consequently who should be more naturally fitted for the job of paying this tax?"

### Present System Will be Confusing

A Montreal lumber firm says,—"We do not like the tax to apply on finished products. It should be collected at the sawmills only; otherwise the tax would lead to confusion as the firms that carry on a lumber business with the sash and door factory, will find it almost impossible to determine exactly the quantity of lumber used in the finished product."

Another eastern concern in reference to increasing the sales tax on the finished product of lumber writes,—"We believe that the tax will act unfavorably on the lumber trade, and woodworking industries. Under the Act, if two parties handle lumber, one will pay less tax than the other, who is both a retailer and manufacturer. As many retailers also manufacture, they will be obliged to take out a license and pay the Government 6% on the price they sell at, whereas an unlicensed trader will pay the tax at the mill. With the high rates now prevailing, the unlicensed dealer will pay much less tax, which, in our opinion, will make the tax very

unfair. This is an injustice, which will result in unfair competition. The tax will stop the building trade, and will lead more of our countrymen to go over the border. The government are inquiring why so many of our good tradesmen are going to the United States. The answer is to be found in taxation of the character referred to. If we are to have the tax, its operation should be postponed until January 1.

A representative eastern concern says "If the present proposed Act is carried out it will not only be troublesome to collect but very expensive to all concerned."

A Chatham, N. B., firm remarks,—"We are of the opinion that the sales tax of six percent on lumber is quite too high. We would favor having the full amount of the tax collected from the manufacturer."

A Halifax lumber merchant observes,—"We believe that the new measure will strangle trade and be a further burden on the manufacturer which is quite heavy enough as it is. To double the sales tax at a time when business is on the upward trend, will prove a source of disturbance in the market and cause hesitancy on the part of buyers."

A large firm in the Muskoka District say:—"We hear considerable discussion in regard to the tax. There seems to be a feeling that it is going to retard business to a certain extent and re-act on the trade as a whole. We think that the tax is too high altogether, that it should be considerably reduced and should be collected at the source of origin. We believe this would place everyone on an equal basis for this reason—that all manufacturers would know then why they had to absorb the tax, and would endeavor to get that much additional for their lumber."

# Standardization is Making Great Progress

The standardization movement in the lumber industry took a distinct step forward as a result of the meeting of the Consulting Committee on Lumber Standards, held in Chicago recently.

Because of the progress thus made all those who are sincerely devoted to the lumber standardization movement are definitely encouraged over the prospects of early completion of the program publicly announced a year ago.

The meetings were well attended and the sessions began early and constituted an almost continual hard grind of labor until late at night, as the various sub-committees separated for special conferences.

Although much collateral good was accomplished the chief elements of progress were the ratification of basic lumber grades and the establishment, so far as the Committee was concerned, of the standard sizes of boards, dimension and finish. The grades recommended by the Committee cover the whole range of lumber qualities, divided into two general groups. The first basic group will be known as Select Grades A, B, C and D; and the second basic group will be known as Common—No. 1, 2, 3, 4 and 5.

The greatest labor was expended in the consideration of sizes for boards, dimension and finish. The Committee acted favorably upon the recommendation of the Forest Products Laboratory both in the nomenclature of the basic grades and in most of the details of lumber sizes.

It was decided that the terms "inch board" and "two inch measurement" be dropped, and in the interests of sound business the term "standard board" and "standard dimension" be adopted and applied to both hardwoods and softwoods.

It was also decided that 13/16" S2S (measured at standard commercially dry shipping weight and moisture content for each species) shall be adopted as a maximum thickness of the standard "factory" board, and "box" board, which comprises lumber for remanufacture, graded on the basis of

A—Clear cutting

B—Sound cutting, or

C—Quality of the piece as a whole.

It was recommended that 25/32 of an inch S1S or S2S (measured at standard commercially dry shipping weight and moisture content for each species) shall be adopted as a minimum thickness of the standard "yard" board, which comprises lumber for general construction and other ordinary purposes, graded on the basis of the use of the piece as a whole.

For standard dimension stock not more than 12" wide, the size recommended was 1 5/8" S1S or S2S (measured at standard commercially dry shipping weight and moisture content for each species).

It was agreed that 3 5/8", 5 5/8", 7 1/2", 9 1/2" and 11 1/2" S1E or S2E (measured at standard commercially dry shipping weight and moisture content for each species) be adopted as the standard finished widths of boards, dimension and finish and that consideration be given to the general production of 1/2" boards when not over 8" wide.

It was also the opinion of the Committee that commercially dry lumber should not weigh more than the standard shipping weights approved by the Central Committee on Lumber Standards for lumber of the various species manufactured in each region.

## How Easterners Would Adjust Tax

At a meeting on May 25th of the Montreal Lumber Association, the Montreal Wholesale Lumber Dealers' Association, and the Montreal Retail Lumbermen's Association, the question of the sales tax in relation to the lumber industry was discussed, and it was decided to send the following letter to Mr. Fielding. The letter was forwarded by Mr. H. C. Beatty, secretary of the Montreal Lumber Association.

"I have the honour to inform you that the members of the Montreal Lumber Association of the Montreal Board of Trade, The Montreal Wholesale Lumber Dealers' Association, and the Montreal Retail Lumbermen's Association, having given consideration to the proposed sales tax to be effective 1st January 1924, as set forth in the resolution contained in your Budget's Speech and subsequent amendments thereto, respectfully suggest that it be further amended to adjust, what to them appears to be a weakness, not affecting its rate of percentage, or its general principle, but the proposed method of its application which in their opinion would be susceptible to irregularities. It is sincerely believed that to permit raw materials, particularly manufactured articles, and importations to any manufacturer or any wholesaler to be tax free, would cause vexatious complications and difficulties in the eventual collection of the sales tax on all such commodities as they become further manufactured.

"This objection is particularly applicable to lumber, and therefore, the said Associations pray you to seriously consider their suggestion that a 6% tax be levied on all sawn lumber (as it leaves the sawmill) and on importations of lumber, and as such is absorbed or incorporated into a further manufactured article an additional 6% tax be paid by the manufacturer, but that he be allowed in computing his sales tax return to the Government, to deduct the amount of the 6% tax on the cost of his raw material."



## FOREST AND MILL IN PICTURE



Stacker and conveyor system, portable conveyors and wood pile viewed from top of digester building at the St Maurice Lumber Co., at Three Rivers, P.Q.



Observer's cabin and lookout on Little Bald Mountain, Northumberland Co., N.B.



The "jack ladder" of the St. Maurice Lumber Co., that conveys the logs from river to saws. It handles 16,000 logs a day



Portable conveyor reclaiming logs from storage to permanent conveyor for delivery to the chipper or grinder buildings at the St. Maurice Lumber Co.



The large pulpmill division of the Bathurst Co., at Bathurst, N.B.



## Last of Lumber Going Out From Whitney

L. Van Meter, manager of the Dennis Canadian Lumber Co., Whitney, Ont., says that having disposed of their timber last year, they did not do any lumbering during the present season. They sold all their camp equipment and disposed of the greater part of the machinery from their mill. The remainder is being scrapped and the mill dismantled.

The logging locomotive and steam log loader of the Dennis Canadian Co. are going to the Hope Lumber Co. at Ruel, where they will be used by that organization in loading and hauling logs for their operations at that point, after which the equipment will be taken over the Canadian National & Algoma Eastern to the mill of the Hope Lumber Co. at Little Current, Ont.

The Dennis Canadian Co. have about 6,000,000 feet of lumber yet to ship, practically all of which is sold and is being moved out as rapidly as possible.

Mr. Van Meter expects to stay on the job until about August 1st, when he hopes to have things in such shape that it will not be necessary for him to remain longer. He will then return to his home at Cadillac, Mich., where he will take charge of a metal-working factory in which he is heavily interested financially.

## Lumber Firm Issues Guarantee Form

The A. E. Gordon Lumber Co. Toronto, has issued a guarantee form which is rather unique in the way of a document, so far as the disposition of forest products is concerned. When a salesman's order is received at the head office and is properly filled out and acknowledged, the typewritten confirmation bears the red seal of the company—the "seal of quality."

There is on the salesman's order form, the following which avoids any possible misunderstanding: "Orders are not binding until accepted by head office at Toronto and buyer's signature constitutes acceptance of contingencies and conditions mentioned in head office acknowledgement. Deliveries prices based on rates in effect at time of sale. Any subsequent increase shall be charged to buyer's account."

The guarantee form itself is neatly lithographed, with an artistic border in green and in the upper left-hand corner a spruce tree bearing the words "we serve." On the certificate, which is attached to every invoice sent to customers, appears at the top the name of the firm, "The A. E. Gordon Lumber Co., Canadian Forest Products Wholesale, suitably engraved, and the following wording:—"We certify that the contents of—car number—shipped by us to—at—under date of—192—are exactly as described in our acknowledgement of this order and our invoice covering this shipment."

"We exert every effort to prevent error but the human element in business prevents total exclusion. In the event that error is proven, we further certify that such error will be adjusted to the satisfaction of the consignee."

"Conditions which may affect the contents of this shipment after delivery are not to be constructed as included in this certificate."

## Forest Exhaustion Brings High Prices

Lumber production in the United States has been steadily decreasing for 13 years, and this in the face of a need unparalleled in the history of the country. According to a bulletin just published by the U. S. Department of Agriculture, of 37 Eastern and Southern lumber-producing States, 36 showed a decreased cut and only one a slight increase in 1920; while Pacific Slope States all report substantial increases, showing that the center of production is shifting to the Western States, the last of our softwood reserves.

Thirty years ago after the depletion of New York and Pennsylvania white pine sections, the American lumber market was drawing its supply from the Great Lake States. When the source in those sections became exhausted and the forests no longer able to supply the demand or furnish enough to keep the mills in operation, the industry moved to the Southern Yellow Pine region, and is rapidly duplicating the same procedure there. The inevitable result follows that within the near future the American people shall be wholly dependent upon this reserve of all-purpose softwoods, the Pacific Slope. Not only is this the only remaining domestic source of softwoods, but a recent survey of the world's supply of this commodity discloses the fact that there are no foreign forests of this character that may be drawn upon when those of the United States are exhausted.

These figures and facts suggest several questions that touch the welfare of every individual in our growing population. What will be the effect when our timber is gone? What will be the several stages of adjustment? What steps should be taken to meet the national needs? What is being done in this respect?

The average rate of decrease over the last 13 years has been about 2 per cent. a year. The figures for 1920 are about 27 per cent. lower than the high production peak that was reached in 1907, when we produced about 46 billion feet. The United States has passed the high point and the present tendency downward is permanent. Since this is the case there must be some active steps taken to insure permanent local sources of timber for the future.

## High Price Paid for Spruce Logs

Spruce logs are said to be selling at \$22 to \$25 Per M feet at Springhill, the rafting grounds of the St. John River, five miles above Fredericton, N.B. These prices for what are known as "bank logs" are near the highest level ever reached on the river and are regarded as an indication of the sound condition of the lumber market. Some doubt exists as to the ability of mills which depend upon buying "bank logs" for their sawing material, to secure a sufficient supply to make operation worth while this season.

Most of the sawmills in the vicinity of Fredericton are now well under way. The mill operated at South Devon by Stanley Douglas, Limited, is running once more and will cut about 8,000 feet this season. While this was the approximate amount of last season's cut at the plant, operations this season are about a month later than last spring when sawing was started on April 18th. Last year cutting was also continued until late in the fall.

The Lloyds of Sittingbourne, England, who are the largest newsprint producers in the Old Country, turning out between 500 and 600 tons daily, and large users of pulp, have sent A. A. Richards to Canada, to investigate conditions with a view to establishing a pulp mill in Quebec or the Maritime Provinces. Mr. Richards is looking into all phases of the question and will report back to his firm on the economy and feasibility of Lloyds producing their own pulp in connection with their large newsprint mill.

## The Last Plasterer—And Then What?

From the Wall Street Journal

There is reason to apprehend that bricklayers will become as uncommon as veterans of the War of 1812. When one reflects on the princely wages of bricklayers, it is a lamentable thought that they have to die, but, as with all the world's great, no way has been found to save them from this unhappy fate. An occasional veteran of the War of 1812 is recruited by fraud, and an occasional apprentice is admitted to membership in the Bricklayers' Union, but in neither case does the number of recruits begin to equal the mortality list.

The National Association of Manufacturers says that the number of apprentices admitted to the Bricklayers' Union last year was less than half the number of members taken by death. At this rate, bricklaying will soon become a lost art, and our grandchildren will marvel at our skill in laying brick as we wonder at the lost processes of our remote ancestors who understood and practiced the tempering of copper.

The passing of the plasterers gives even greater reason for apprehension and disquietude, because they are passing even faster than the bricklayers. We replenish our streams with trout and we protect our song birds from extermination, but we take no thought of our plasterers. By reason of the limitation of apprentices, most of our plasterers are aged men and will not be with us for long. The years are not many when we shall regard with awe the last survivor of the Plasterers' Union very much as we regarded the last survivor of the charge of Balaklava.

With the growing scientific interest in these matters, it is not unlikely that the professors at our institutions of learning will soon undertake a study of this disappearing type as they do the small remnant of some of the aboriginal tribes. While there is yet time, we suggest that there be preserved on the phonograph for future generations the voice of a plasterer discussing long hours and slave wages, for the era is not remote when all we shall know of this species must come from a study of the fossil remains.

What antiquarian interest will there soon be in a fragment of freshly-spread plaster! We can see the last plasterer, a centenarian on his death-bed, painfully but skilfully spreading this fragment, at the rate permitted under union rules, for preservation in the Metropolitan Museum of Art, alongside the fragment of King Tut's flagon.



# Stone Lumber Company Branching Out

**Operating Planing Mill and Manufacturing Dowels From Lower Grades at Hilton Beach, Ont.—Hardwood Lumber of Marketable Grade Cannot be Produced for Less Than Fifty Dollars per Thousand, Declares Veteran Head of Organization.**

Up north on St. Joseph's Island in the pretty little village of Hilton Beach is the plant of the Stone Lumber Co., Limited, manufacturers of hardwood and hemlock lumber. W. J. Smith is the president of the organization and is an enthusiastic lumberman. The mill started sawing early in March but it is hard and expensive work piling lumber in snowstorms and in weather that was then below zero. The firm have some 2,000,000 feet of logs which they want to get into pile before the stain shows.

The Stone Lumber Co. have erected another building to be used as a planing and dowel mill, for they find that they must realize from the lower grades of hardwood more money than they now bring. In reference to the manufacture of dowels, the company say that it is a long way from Hilton Beach to Finland, but the dowel makers in the latter country seem to have considerable to say of the price which Canadians get for their output in the Old Country.

Mr. Smith states that hardwood lumber of marketable grade cannot be produced for less than \$50.00 per M, and for the last two years the product has not nearly averaged that. The difficulties of manufacturing hardwood lumber profitably and a reference to the instances where it has not been done would, in Ontario alone, fill several volumes.

The shipping facilities of the Stone Lumber Co., both by land and water, are good. All water shipments are from Hilton Beach and rail by the C.P.R. from Dayton, Ont. The company are taking out a much larger cut than last year. They had their logging done before the bad end of the winter came but, unfortunately, according to Mr. Smith, started sawing too early and incurred a loss which hardwood lumber cannot stand.

Writing to the "Canada Lumberman" recently, Mr. Smith said,—“Our new building is completed and part of the machinery is being set up. Our company is depending on a road from Hilton Beach to Canoe Point which the local authorities have assured us for the last five years would be built. It is not yet ready and if it is not completed this season, the Stone Lumber Co. may close their operation at this point and ship their logs, although they are loath to do so as the loss would be a serious one to Hilton Beach. A peculiar thing about the road matter is that another section of St. Joseph's Island where the highway system is reasonably perfect, has received a grant of \$20,000, while the Hilton township has not got even \$2,000 or \$3,000, to build this road. It is understood, however, that Hon. Mr. Bowman has assured a delegation from Hilton township that



On the left is Glyn Smith and on the right, his father, W. J. Smith, President of the Stone Lumber Co., Hilton Beach, Ont. Note the healthy hound pups which each has in his arms

consideration would be given, and, therefore, we are hopeful to start setting machines up within the present month when the road should be under way.”

Mr. Smith makes an assertion which no one will dispute. It is to the effect that the past winter was the most severe ever experienced and that the first white child born in that section ninety years ago never remembers anything like it. He humorously adds,—“We all hope that if he lives another ninety years he will not see another such a season. The snow was 4 feet deep on the level and 15 feet in the drifts, and in the middle of April a great deal of it was still visible.”

Mr. Smith was born in England and educated at Dr. Reddick's Grammar School near Chester. In 1881 he came to Canada with his parents and settled in Algoma. Subsequently he became an apprentice in the Michigan lumber woods in 1883. With the exception of eight years spent on the lakes, he has followed the lumber game ever since. In 1910 he left the Seaman, Kent Co., Limited, to take charge of the interests of the Stone Lumber Co., at the head of which organization he is to-day. He has many friends in the lumber industry.

His son, William Glyn Smith, served overseas during the war, joining the 26th Battery at Barriefield as a gunner. Glyn is an excellent example of the class of men produced in the Canadian woods, being 6 feet, 3 inches, tall, 190 lbs. in weight, and handy and alert. As a youth he spent his holidays at the mill, sometimes in the Michigan woods acquiring practical lumbering knowledge, and was educated at Sault Ste. Marie, the High School at Meaford and the University of Toronto. Glyn Smith returned home after four years' service though not with the 26th Battery, which was practically wiped out and the few survivors were put into the 17th and 18th Batteries, C.F.A.

## Completing New Plant at Manseau

Savoie & Co., Limited, of Manseau, Que., have completed a new woodworking plant on their present site and have installed a Corliss engine, 250 h.p. and two boilers. The building is of brick and steel with corrugated iron roof. Savoie & Co. have direct sidings from the main line of the Canadian National Railway, and have provided for several truck lines running through the mill which will facilitate the handling of lumber to the different machines. The mill building is 140 feet long by 85 feet wide.

Mr. Savoie intends specializing in milling in transit and the equipment is of the latest type consisting of one No. 91 fast feed planer and matcher; one No. 472 automatic feeding table, with provision made for an additional one later; one No. 94 planer and matcher; one No. 108 moulder; one No. 283 band resaw; one No. 289 band resaw and one No. 257 self-feed rip saw. All of the equipment was supplied by the P. B. Yates Machine Co., Limited, of Hamilton.

Savoie & Co. are sparing no expense in making their plant one of the finest in Eastern Canada and expect to have the same in operation early in June.



Winter view of Stone Lumber Co.'s mill on St. Joseph Island



## Bathurst Company Mills Now Sawing

The Bathurst Co., Limited, recently started their sawmills at Bathurst, N.B. The resumption of activities was a little later than usual owing to the backward spring, as everything was held up owing to the ice and high water. Angus McLean, president of the company, looks forward to a very fair season's operation. He says the demand for spruce has slackened somewhat, so far as the American trade is concerned, but things are looking a little better in the European market and prices are holding about steady.

So far as the pulp mills of the Bathurst Co. are concerned, they are running at full capacity, and Mr. McLean expresses the hope that, within the next two or three months, the new newsprint mill of the company, which is now nearing completion, will be in operation.

## Golf Entries for The Laidlaw Trophy

It is expected there will be an unusually active and strenuous contest this year for the Laidlaw Cup, which is open for competition to all amateurs who are members or employed by firms belonging to the Wholesale Lumber Dealers' Association, Toronto. This will make the third year of competition. The winner of the first year was A. Wilson, of the Canadian General Lumber Co., and last year A. N. Dudley, wholesale lumber dealer, captured the trophy.

The conditions governing the competition during the present season specify that the matches may be played over any golf course in Toronto and all entries have to be made with Horace Boulton, secretary of the W.L.D.A., Toronto, before June 30. The winner of the cup is allowed to retain possession of it until this year's tournament is concluded and the victor determined. The cup bears each year the name of the winner and becomes the permanent property of the holder when won three times.

Other conditions governing the contest are:—Each game shall consist of eighteen holes match play on handicap, each player to use the handicap of his own club, the number of strokes given to be fixed by three-quarters of the difference in the handicap.

A schedule will then be prepared, after all the entries are in, and a draw made. Players will then have two weeks in which to play off their matches.

Byes will be arranged in order that the number of players shall be 16, 32 or 64, as may be required.

All games shall be played under the Rules of Golf, as approved by the Royal Canadian Golf Association, and local rules of the club for the course over which the match is being played.

The Committee reserve the right to alter the terms or dates on the program.

## Will be Busy Along the Miramichi

W. B. Snowball, of Chatham, N.B., reports that log-driving conditions are very favorable in that section of the country and rafting has just commenced. The company's mill began operations on June 1st. There have been no labor troubles in connection with the mills that have started work and it is not anticipated there will be any. Wages are slightly higher than they were last year and it looks, Mr. Snowball says, as if there will be plenty of work on the Miramichi during the whole season.

## How Floods Hit Some Eastern Firms

A representative of the "Canada Lumberman," who lately visited several sections of New Brunswick, sends some interesting information in regard to the serious floods which swept over certain towns in the East.

Imperial Products, Limited, of Woodstock, had their whole town plant, including the office, taken off its foundation by the flood of water and logs when the electric light and power dam broke. Even the company's large safe went down the stream when the office was carried away. The firm managed to get their books out. The loss to the Imperial Products is a heavy one. The firm, of which Messrs. Page and Teed are the managers, have a big farm and timber limits and also operate a sawmill. They have not yet definitely decided what they will do in resuming their former activities but it is likely that they will continue the most of them.

The Smith Lumber Co., Woodstock, N.B., had 800,000 feet of logs taken off their premises as well as part of their mill and office torn away by the debacle when the power dam above the town broke loose. The loss ran into many thousands of dollars. The firm have recently fixed up the mill and begun their drive from further upstream. They have about 600,000 feet of logs which were held by part of the dam. The steel bridge over the river on the main street, connecting the two sides of the town, was also demolished in the freshet. A temporary structure has been swung across the stream until such a time as arrangements can be made for a new one.

## The Timber Supply and Land Use

The necessity of providing enough timber to supply the country's future requirements, and inability to use the bulk of cut or burned over forest lands for agriculture are two problems now confronting the Nation, declares the U.S. Forest Service, in an article in the 1922 Yearbook of the United States Department of Agriculture, entitled "Timber: Mine or Crop?"

"The depletion of timber supplies and the reduction of forest area largely through timber mining has created one national problem, that of providing the timber necessary to meet future requirements," says the article, "and inability to utilize cut or burned-over forest lands for agriculture has created a second and related problem—that of land use."

In discussing the land utilization problem the Department of Agriculture says that the American people have commonly believed that all our forest lands are agricultural, virtually regardless of soil, topography, location, or climate, but that it is now beginning to be understood that this belief rests on a serious misconception.

"The tradition that all cut or burned over forest land, or even the greater part of it, is being taken by agriculture is not borne out by the facts," the article declares. "The total area of forest lands already cut or burned over, exclusive of farm woodlots, that has not been taken for agricultural use has already grown to 181,000,000 acres. Furthermore, forest land is being cut over at the rate of about 10,000,000 acres yearly and probably more than half this area is in virgin forest."

"By recognizing the importance and urgency of the two great national problems of land use and timber supply and by taking full advantage of the powerful forces of public necessity and private opportunity which are working toward the solution of both problems, we can grow on our forest lands timber crops sufficient to meet our wood requirements if public agencies and private owners each do their share. The alternative is idle forest lands and timber bankruptcy."

## Production of Spruce Lath and Fuel

In the article on "Does it Pay to Produce Spruce Lath?" on page 48, May 15 issue, an error occurred in connection with the summarizing of the figures. In order to make the position clear, we give the correct figures which summarize the contention of the writer:

750 cords of slabs and edgings for fuel at \$3.66		\$2,745
350,000 lath at \$3.50	\$1,225	
250 cords slabs unsuitable for lath at \$3.66	915	2,140

Which leaves a balance in favor of fuel of \$ 605

## New Concern Promoted by Mr. Power

The Bridgewater Lumber Co., who were recently granted a charter, will shortly establish a new industry at Cap Rouge Heights in the vicinity of Quebec Bridge. W. Gerard Power is the chief promoter of the new organization. Mr. Power says that the equipment for the new mill has been ordered and just as soon as possible construction will be started. The mill will have a floor space of 7,000 square feet, and when completed will give employment to a large number of hands.

"The main object of the new company," said Mr. Power, "is to saw and dress lumber which will be brought from the bases of supply by rail. The lumber will be specially dressed for export to the American market in connection with the Power Lumber Co. with its head office in New York City. The site selected is a splendid one for manufacturing purposes. Being close to Quebec Bridge it facilitates the transporting of lumber to the United States."

## Many Improvements to Dalton Mill

Austin & Nicholson, Limited, of Chapleau, Ont., have made extensive improvements to their plant at Dalton Mills, Ont. The new equipment consists of a tie edger, supplied by the E. Long Mfg. Co. which is of a double special design. There has also been supplied an extra slab slasher behind the tie edger. The company has built a burner 30 feet in diameter by 70 feet high, and purchased an alligator from West, Peachy & Sons, of Simcoe, Ont. This new warping tug is called the "Alice."

Austin & Nicholson have under construction at Dalton Mills a 100-room sleeping house with barber shop and reading rooms. Each bedroom will be equipped with a double deck steel bed. The firm are also erecting ten additional houses in the village for the convenience and comfort of their married employees.



# Canada Lumberman

founded 1880

The National Lumber Journal for Forty Years

Issued on the 1st and 15th of every month by

## Hugh C. MacLean Publications

LIMITED

THOS. S. YOUNG, Managing Director

G. B. Van Blaricom, Editor

HEAD OFFICE - - - - 347 Adelaide Street, West, TORONTO  
 Proprietors and Publishers also of Electrical News, Contract Record, Canadian  
 Woodworker, Furniture World and Footwear in Canada.



VANCOUVER - - - - - Winch Building  
 MONTREAL - - - - - 119 Board of Trade Bldg.  
 WINNIPEG - - - - - 302 Travellers' Bldg.  
 NEW YORK - - - - - 296 Broadway  
 CHICAGO - - - - - 14 West Washington Street  
 LONDON, ENG. - - - - - 16 Regent Street, S.W.

### TERMS OF SUBSCRIPTION

Canada, Great Britain and British Possessions \$3.00; United States \$3.00;  
 other Foreign Countries \$5.00. Single Copies 20 Cents.  
 Single copies, 20 cents.

Authorized by the Postmaster-General for Canada, for transmission as  
 second-class matter.

Vol 43

Toronto, June 1, 1923

No. 11

### Expansion of the Association Spirit

A meeting was held in Montreal about six months ago to consider the question of forming a Retail Lumbermen's Association. It was attended by not more than a dozen persons, some of whom were frankly skeptical as to whether such an association could be formed, and as frankly skeptical as to whether it would, even if formed, achieve any results worth while. It was argued by some that previous efforts by others to organize had met with meagre support, and that there was no reason to suppose that retailers were in a more responsive mood at that period. The Association however, was formed, it being decided that it should be independent of any other organization, a suggestion having been made that it should be affiliated with the Chambre de Commerce.

To-day it has gone beyond the limits of a purely local organization—it has become the Province of Quebec Retail Lumber Dealers' Association. The preliminary work involved an immense amount of detail, more than is generally known. The response by dealers outside Montreal to the invitation was surprisingly large, considering the indifference with which so many men regard trade associations. It is obvious that the retail lumbermen have a better appreciation of the benefits of co-operative action than retailers in some other branches of trade. A weak association is of little value—it is only by securing the support of a substantial number that any effective work can be done. In every branch of commerce there are difficulties and practises which hamper trade, and which require adjustment. Local and general questions affecting the interest of a trade are also coming up from time to time. These can alone be dealt with satisfactorily by a combination of those directly concerned. Mere criticism is of no value, unless the members of a trade follow this up by getting together and taking united action. Associations provide the most potent method to this end, and the increasing recognition of this fact has resulted in the formation of guilds in the lumber and other trades.

The Province of Quebec Retail Lumber Dealers' Association is organized on a democratic basis. While the headquarters are in Montreal, each district has its representatives, who are able to consult with other retailers in the particular districts, and deal with lumber questions as they arise, referring the larger matters to the general board, to be discussed at the periodical meetings which will be held in Montreal. The Association made quite a good move in inviting Mr. Horace Boulton, the secretary of the Ontario Retail Lumber Dealers' Association, to give the members the benefit of his experiences in similar association work. The man, who has travelled

the road can always tell of the rough spots to be avoided, and Mr. Boulton knows all about those rough spots.

Now that contact has been established with the Ontario retailers, the suggestion is offered that the Quebec retailers should get into closer personal touch with their fellow dealers in Ontario by means of a joint Provincial Convention. The problems in both provinces are, after all, much of the same character, and free discussion of them by members of both Associations in a joint convention will do more to foster friendship than columns of long distance talk concerning the Bonne Entente.

It is surprising how gatherings of this nature help to dissolve misunderstandings, and how quickly men will get together on a common platform when matters are put to them in a fair spirit. Most of our misunderstandings are due to the fact that we do not appreciate the viewpoint of the other fellows—of those who live, say in another province. The personal touch will help to remove those misunderstandings, and will make for a more harmonious feeling, both in material and trade matters.

The wholesalers of Montreal, too, have not been idle. Their organization is now on a well-established basis. Some good work has been accomplished; part of it has been of a detailed character, and part of it has had to do with questions which effect wholesalers all over the Dominion. Both the wholesale and retail federations require time to achieve results—the growth is oftentimes slow, but the work is nevertheless beneficial, not only to the members, but to the industry as a whole.

The social side of the Association is not to be disregarded. In Montreal, wholesalers, who have been in business for a number of years, frankly state that they had met, through the Association, other wholesalers whom they had known for a long time by name, but whom they had never greeted personally. Associations of this kind perform a useful function in thus bringing together members of a particular trade, by extending business relations, and by promoting social friendship.

On the purely trade side, a Credit Bureau is rightly regarded as the backbone of any association. Following the example of Toronto and Ottawa, the Montreal wholesale and retail associations have instituted these protective sections. They afford information of a special character which can be secured through no other channels. The data obtained by inquiries, is specific—no mere general information which may mean something or nothing but definite facts, which are the result of the collective experiences of a large number of firms dealing with those concerned. The cost, too, is comparatively small, having regard to the protection afforded, and to the possibility of heavy losses in the absence of such exact information.

### How Long Will The Exodus Continue?

"What is wrong with Canada?" was the question asked by an interested Canadian the other day when told of the exodus of so many mechanics and others from the Dominion. They had been attracted across the border by the exceptionally high wages prevailing in the different trades. This, of course, is a magnet that will draw all artisans from near and distant points.

The citizen, who moves here and there with no fixed place of abode and makes a shift every time the lure of higher pay looms up, is not the greatest asset to any town or country. When he considers the sacrifice he frequently has to make in disposing of or packing and crating his household effects, paying railway fare, head tax, etc., not to speak of lost time and other "overhead," he is, possibly, not as well off in his new location as in the old one, provided he has a steady job at a fair rate of remuneration. However, it is only the dollar and the immediate present that the most of these movers see. Their horizon is bounded by the weekly pay envelope and the immediate present.

Many stories are current regarding the large number of people who are leaving the Dominion. It is reported unofficially that 62,000 Canadians paid the U. S. head tax during the last nine months, and it is a well-known fact that thousands of others have dodged this levy. The U. S. Consular office in Toronto is crowded with 100 to 200 persons daily, making inquiries regarding immigration, transportation and other facts concerning the transfer of residence or position. A large number of heads of families have and are going to California and other southern States to live, but this is probably due to the fact that the majority have reached the meridian of life and intend to enjoy its sunset in ease and quietness amid congenial surroundings and an altogether delightful climate.

No one has satisfactorily solved the problem of why Canada is not able to hold more of both her incoming and native-born citizens, and something must be radically wrong in an economic, commercial, industrial or financial sense. It is reported that the exodus of French-Canadian families from certain rural and urban sections of Quebec, to the New England States is amazing, and the provincial Government is doing everything possible to stem the tide.



# Quebec Retail Association Gets Fine Start

As announced in the last issue of the "Canada Lumberman" the Province of Quebec Retail Lumber Dealers' Association, which was organized recently in Montreal under the presidency of J. P. Dupuis, is off to a strong start. The members are enthusiastic and believe that the future holds out a great deal in the way of usefulness, service and vigor for the organization.

The recent meeting in the Canadian commercial metropolis was composed of delegates from various parts of the province, which was divided into districts for the purpose of forming different centres.

Mr. Dupuis briefly reviewed the steps which led up to the formation of the Montreal Retail Lumbermen's Association and also the objects of broadening out into a provincial-wide organization. Their problems, he said were very similar and he believed that it would help in their solution if a Provincial Association were formed. Moreover, the co-operation of retailers in all parts of the province was bound to result in mutual benefit. They could all assist one another and he considered that both from the trade point of view and from the personal point, an association would be of great value. There was a possible membership of 275.

Mr. H. Boulton of Toronto secretary of the Ontario Retail Lumber Dealers' Association, who had been invited to attend the meeting, was called upon. He described the organization of the Ontario Retail Lumber Dealers' Association, outlining its history, the work it had carried out and the details of its organization. He also expressed the hope of the president and members of the Ontario association that the Quebec dealers would find it possible to organize and co-operate with the Ontario association in the many lines of work in which they were mutually interested.

The delegates submitted their reports on the advisability of forming a provincial association. From inquiries made in the various districts it was believed that the prospects of such a body were very

satisfactory and that a large number of retailers and sash and door manufacturers would become members.

It was, thereupon, decided to form the Association and that the Montreal Association be merged into the provincial body. The meeting then elected provisional officers and directors as published in the last issue of the "Canada Lumberman."

The constitution and by-laws were adopted, the objects being thus defined:—

"The object of the Association shall be to secure and disseminate to its members any and all legal and proper information which may be of interest and value to any member or members thereof in his or their business as retail lumber dealers, and—

- (a) To promote the general welfare of the lumber trade.
- (b) To secure and distribute information for the mutual convenience and benefit of its members.
- (c) To correct business abuses in the lumber industry.
- (d) To promote uniformity in customs and usages of the lumber trade in the Province of Quebec.
- (e) To standardize lumber-grading and factory work and generally to co-operate in such matters as legislation and insurance.

The date of the next gathering of the new Association was not settled but it will be called by the chairman at an early date. It may be stated that the constitution and by-laws are modelled on those of the Ontario Association. During an informal discussion after the gathering the members showed considerable interest in the possibility of closer co-operation between the two retail lumber Associations, of Quebec and Ontario and were particularly interested in suggestions for a joint midsummer outing and a joint annual convention.

## All Aboard for Retailers' Mid-summer Outing

The annual midsummer outing of the Ontario Retail Lumber Dealers' Association will be held this year on the S.S. "Cape Trinity" from July 5-9, and promises to be a trip of rare attractiveness and delight. The cruise upon Lake Ontario and through both the American and Canadian channels of the far-famed Thousand Islands is one that will appeal to lumbermen from all parts of the province. Another feature is that the trip is being planned in such a way that dealers from Eastern Ontario can join on the morning of the second day and lose none of the interesting part of the journey.

The "Cape Trinity," a staunch steamer of the Canada Steamship Lines, with accommodation for 255 passengers, has been chartered for the occasion, and will be at the disposal of the party for four days. There will be frequent stops, as shown by the subjoined itinerary.

The excursionists will visit Brockville, Kingston, Belleville, Trenton, Queenston, Niagara Falls and other points. The cost of the trip has been placed at \$40 for adults and \$35 per person for children. This includes everything—meals, berth, etc. Little children, sharing a berth with one of their parents, will be charged only \$10 each.

W. B. Tennant, of John B. Smith & Sons, Limited, 53 Strachan Ave., Toronto, is chairman of the Outing Committee, and all communications relating to reservations should be addressed to him. It is desirable that reservations should be made as early as possible.

The applications to Mr. Tennant should be accompanied by a cheque for \$20 for berth, the balance to be paid before June 21.

The schedule of the trip is as follows:—

### S.S. "Cape Trinity"—July 5th to July 9th

#### Schedule of Trip

Leave	Toronto	2.00 P.M.	Thursday	July 5th.
Arrive	Thousand Islands	9.00 A.M.	Friday	" 6th. Through American
Arrive	Brockville	2.00 P.M.	Friday	" 6th. Channel.
Leave	Brockville	3.00 P.M.	Friday	" 6th. Through Canadian
Arrive	Kingston	9.00 P.M.	Friday	Tie up for night. Channel.
Leave	Kingston	6.00 A.M.	Saturday	July 7th.
Arrive	Belleville	2.00 P.M.	Saturday	" 7th.
Leave	Belleville	4.00 P.M.	Saturday	" 7th.
Arrive	Trenton	5.00 P.M.	Saturday	" 7th.
Leave	Trenton	6.00 P.M.	Saturday	" 7th.
Arrive	Queenston	noon	Sunday	" 8th.

Special electric cars to be secured to take party to Niagara Falls and Chippewa and return to Queens-

Leave	Queenston	Sunday night	July 8th.
Arrive	Toronto	Monday	" 9th.



The extensive pulpwood piles of Porcupine Pulp and Lumber Co., at Hoyle, Ont., showing the wood as it is piled out to dry after rossing



## New Director of Forest Rangers School



Henri Roy, Quebec, P.Q.

Henri Roy was recently appointed by the Quebec Government as director of the newly-organized School of Forest Rangers, and is in every way well qualified for the position. He was born in Quebec City in 1889 and received his education at the Quebec Seminary from which he was graduated in Arts in 1909. In the same year Mr. Roy entered the Forest Engineering School of Laval University and with distinction took the degree of Forest Engineer in 1912. From then until 1918 he was given charge of important forest explorations in different parts of the province, and five years ago entered the employ of the Belgo-Canadian Pulp & Paper Co., of Shawinigan Falls, Que., as chief engineer of the Forestry Branch, which position

he held until recently, when he resigned in order to devote his entire time to his new position with the Provincial Government. Mr. Roy is a young man who did not hesitate to devote years of his early life for the benefit of the province and country in the undertaking of the arduous task of the preservation and re-timbering of the forest wealth which is being rapidly depleted. He is an ardent advocate of reforestation and perpetuation of the natural assets of his native province.

## Lumbermen Join in Welcome to Sir Henry

Sir Henry Thornton, head of the Canadian National Railways and C. A. Hayes, head of the Canadian Express Co., along with a number of leading officials, visited the Grimsby fruit district on May 19th. The distinguished party, which was composed of about thirty, was tendered a banquet by the Chamber of Commerce at the "Grimsby Inn." The reception accorded the transportation magnates was a cordial one. Bert Fonger, of Grimsby, who is a well-known lumberman, was chairman of the Reception Committee, and looked after his part well.

A tour was made of the whole Niagara fruit district. Sir Henry Thornton was driven around for several hours through the fertile fields, with all the blossoms in full bloom and nature looking her best, by A. E. Clark, of Toronto, former president of the Canadian Lumbermen's Association and chairman of the Transportation Committee of the C.L.A. Sir Henry also spent a few hours with Mr. Clark at the latter's summer home at Grimsby Beach, along with Mayor Farrell, of Grimsby, and others. The party were also entertained at the clubhouse of the Deer Park and Country Club.

## Perth County Sawmill Goes up in Smoke

A sawmill in North Easthope township, located near Shakespeare, Perth County, Ont., some seven miles from Stratford, Ont., was destroyed by fire recently. The loss was about \$7000, and there is an insurance coverage of \$5000. The mill was owned by McFadden Bros., of the Manufacturers' Lumber Co., Stratford, and had not been in operation for the past year or two. The flames gained considerable headway before being discovered, and as there was practically no means to combat the blaze the entire plant went up in smoke.

About five years ago the Manufacturers' Lumber Co. purchased a mill at Clinton and removed the equipment to North Easthope township where about a million and a half feet of lumber was cut each season. The mill was a two-storey one, with a 100 h.p. engine and boiler and equipped with a circular saw edger, butting saw and slab saw, and had a capacity of from 15,000 to 20,000 feet a day.

A negro tramp had been seen loitering around the plant for a day or two and may have accidentally set fire to the place.

## The Pembroke Shook Mills are Busy

The Dominion Cannery, Limited, a new organization which has a capitalization of about \$10,000,000, recently absorbed 35 independent plants. It is understood that the new company which has taken over the Dominion Cannery and subsidiary companies, includes in

the transfer the Pembroke Shook Mills, Limited, of which J. T. Stuart is the general-manager.

It is stated that the new arrangement or amalgamation will be of great benefit in that it will mean cheaper packing of fruits and vegetables. Operating costs will also be considerably reduced under the new plan and the trade, and ultimately the consumer, will reap the benefit. For instance, one box factory will be able to supply the needs of all the factories.

Under the new arrangement it is not known whether there will be any change in the management of the Pembroke Shook Mills, but from present indications it looks as if the company will have a very busy season in the general shook business, although with the advance in the price of culls, it is declared shooks are selling too low.

## Loggers Want Plated Silverware and Then Some

Shower baths, laundry, plated silverware, china dishes, aluminium utensils, electric lights, eight hours a day and many other requests in connection with camp life and equipment were set forth recently in "the demands" made by the Central Strike Committee, Cranbrook Branch I.W.W., Lumber Workers' Industrial Union, No. 20, of Cranbrook, B.C.

There are, perhaps, a few things which the men have overlooked in their requests, but not many, as a perusal of their petition to "the bosses" will show. It reads as follows:—

### WE HAVE HEADED ALL OUR DEMANDS WITH THE FOLLOWING:

"The unconditional release of all class-war prisoners in the U.S.A." We have done this for two reasons—first, because we wish to protest against the barbaric actions of the U.S. Government in persisting in the holding in jail of working men and women for voicing their honest opinions. Secondly, because a lot of the lumber outfits in this district are operated by American capital and we wish to bring pressure to bear upon everything American until these men and women are released. It was American capital that put them in jail, and they are the logical ones to take action on.

### BELOW ARE THE WORKING DEMANDS OF THE STRIKING LUMBER WORKERS:—

1. An eight-hour day, from camp to camp.
2. A minimum wage of four (\$4.00) dollars per day. Board not to exceed one (\$1.00) per day.
3. That all safety rules and appliances be observed.
4. That all bunk-houses be built of lumber and to accommodate not more than eight men to a bunk-house. These to be kept in a clean and sanitary condition at all times, with plenty of light and ventilation.
5. Single spring beds and mattresses, with sheets, pillow slips and blankets to be furnished free of charge. Sheets and pillow slips to be washed once a week and blankets to be washed once a month.
6. That shower-baths, drying-room and laundry be furnished in all camps, with plenty of hot water for the crew for bathing and washing at all times.
7. Sanitary cook-houses to be built, with dining-room apart from kitchen. Cooks to be furnished with sufficient help so that their hours of work shall not exceed eight hours per day. Clean and wholesome food to be furnished and all dishes to be of china or crockery ware. All cooking utensils to be of aluminum and cutlery to be of plated silverware.
8. All barns to be at least 100 yards from the nearest dwelling-place or kitchen and lavatories to be at least 150 feet from the nearest dwelling place or kitchen, and these to be kept sanitary at all times.
9. All bunk-houses to be equipped with electric lights, five lights to a bunk-house—one to be in front of each bunk-house and light to be left burning in lavatories all night.
10. That a suitable place be provided in each camp for the accommodation of anyone sick or hurt. Also that a competent first-aid man be kept in each camp and in case of anyone sick or hurt that a doctor be furnished to attend at once.
11. The abolition of the piece or bonus system of working.
12. Sunday work and overtime to be paid at the rate of time and one half and that no Sunday work or overtime be done, except when absolutely necessary.
13. No discrimination against members of the I.W.W. and no interference with our mail or meetings.
14. A semi-monthly pay day, by cash or negotiable bank cheque.
15. Where the crew eats dinner on the works, a suitable building, equipped with tables, benches and stove shall be provided.



# *What Quebec Has to Say on Pulpwood Embargo*

## *Varied Opinions Expressed Regarding Proposed Restriction of Export from Private Lands — Some Interested Parties are Remaining Silent on the Situation*

The statement made by the federal Finance Minister, Hon. W. S. Fielding, in his Budget speech, regarding the appointment of a committee to consider the prohibition of the export of pulpwood, is viewed from various angles by the lumber and paper mill operators and the Provincial Government Departments interested in Quebec. The pulp and paper mill interests applaud the statement made by the federal Finance Minister, and say the measure, if adopted, will embargo the export of over 1,000,000 cords of pulpwood annually sold and transported from the province of Quebec to the American mills, which should be husbanded for home industry, and, at the same time, would greatly contribute to the protection of the wood resources of the province.

The limit holders, not directly interested in the manufacture of pulp and paper, maintain a different opinion. They contend that, should the federal government pass a law to prohibit the export of pulpwood to the United States, that it would not only be an act of discrimination against the forest freeholders, but the new settlers who depend on the sale for a living of the wood they cut in the clearing of their lots for agricultural purposes. The prohibition would, in fact, strike the farmers in general who have wood lands and each year cut a certain quantity of pulpwood for shipment to the United States.

Should the federal government pass a law of prohibition, it would mean that the big paper mill operating interests with limits of their own, would have absolute control of the pulpwood situation and the prices to be paid to the new settlers and farmers for their wood. Thus, in fact, the freeholders, farmers and new settlers would be completely at the mercy of the big mill interests, and the stoppage of the American mills competition would so reduce the price of pulpwood made by the farmers, that it would not be worth their while to cut and prepare the wood for the Canadian market.

The mill operators and large timber firms of Quebec, with their limits, declined to be quoted in giving their opinion in regard to the proposed prohibition on the ground that they were interested parties pro and con in keeping with their respective interests.

### **Provincial Government Views**

The Quebec correspondent of the "Canada Lumberman" with a view to learn the opinion of the three departments likely to be interested in the prohibition proposal, proceeded to the government buildings to interview the ministers. The Prime Minister, Hon. L. A. Tahchereau, and Hon. Mr. Perreault, Minister of Colonization, being absent from the city on a holiday, the head officials of their respective departments were conferred with, who gave expression to the opinion which may be accepted as being entertained by the ministers.

The Minister of Agriculture, Hon. J. E. Caron, was, however, found in his office. In the course of an interview, he said that he was convinced, if the prohibition of the export of pulpwood from the province of Quebec became law, that it would be a good thing for the farmers. Mr. Caron said the legislation of such a law entirely rested with the federal government, and the provinces had no legal status to interfere. He pointed out that the province of Quebec had full control of its crown timber land resources, and, during the Sir Lomer Gouin administration, had passed a law prohibiting the export of all wood from the government-owned lands, which was still in force. "But," said Mr. Caron, "we have no jurisdiction over the freehold forest properties. The proprietors, under existing circumstances, can dispose of their wood to whom they please, whether by export to the United States or not, which would, of course, undergo a change if the Federal Government passed a law to prohibit the export of pulpwood. Of course, such a law of prohibition would restrict the advantages the farmers now enjoy by American competition to dispose of their wood. The prices would be materially reduced as the million cords of pulpwood now sold to the American mills would be prohibited from exportation and would have to be sold to home purchasers in the province or the Canadian market. I am of the opinion that this would, in the end, be a good thing for the Quebec farmers. The paper mill operators have their own pulpwood limits, and the farmers, deprived of the American market, would not be anxious to cut down their wood lots. I give expression to this viewpoint with the knowledge that the Quebec farmers, tempted by the big prices offered for their wood through American competition, in many cases have either sold out their wood lands for cutting or cut down the same and disposed of it for export to the American mills.

"The result is that the Quebec farmers in many cases have no wood lots to draw on for their own needs, such as construction and the building of fences, and, as a consequence, have to buy these necessities. That is the reason why I hold the opinion that the adoption of a law of prohibition is likely to turn out a good thing for the Quebec farmers with wood lots. However, the Quebec government have not as yet given official consideration to the question as proposed in the statement made by Hon. Mr. Fielding, in the delivery of his Budget Speech. We await the move to be made by the Federal Government respecting the matter."

### **Should Have Wood to Draw From**

The Deputy Minister of the Department of Colonization, speaking in the absence of the Minister of this department, Hon. Mr. Perreault, did not see how the proposed law of prohibition of the export of pulpwood would vitally affect new colonists. He explained that when a new settler was given a lot of land for colonization, the land when given carried with it certain conditions until in the end letters patent were given the settler which constituted them as freeholders and at liberty to do as they judged best with their acquired property. In the first place, it was specifically stipulated in these conditions that the new settlers were to clear at least five acres of their land per season, and during this time of clearance or until they received their letters patent, they were prohibited from exporting their wood to the United States. The object of these restrictions was to protect Quebec industries and the new settlers to sell their wood production outside the province of Quebec in compliance with the conditions attached to their holdings until they had complied with all regulations and under letters patent came into full possession as freeholders. Therefore, it will be seen that should the law of prohibition of pulpwood as proposed by the federal Finance Minister, become effective, it will not affect the new Quebec colonists who are already prohibited from exporting the clearance cut until they become freeholders.

The Quebec Lands and Forests Department is evidently in favor of the Federal Government adopting an act to prohibit the export of pulpwood from the province of Quebec. In order that the farmers and large proprietors of free holdings should be protected, it is suggested that, in the event of such a law of prohibition being enacted, a clause should be inserted in the federal act to prevent these interests, to the effect that the government would have the big paper mill interests agree to maintain a certain conservative price on all pulpwood bought by Canadian mills from the farmers and freeholders.

### **Forests Department Favor Move**

In the absence of the Minister, Hon. H. Mercier, and G. C. Piche, superintendent, A. Bedard, assistant superintendent of the forests branch of the department, was seen and interviewed in regard to the proposed prohibition of export of pulpwood to the United States. Mr. Bedard, who is an expert in forestry and familiar with every phase of the forestry resources of Quebec, said:—"Besides the enactment of special laws for the protection of forests against fire and intensive exploitation, and for their proper silvicultural treatment, there should be a law prohibiting the exportation of our forest products.

Amongst the forest industries which are making the prosperity of Canada, the pulp and paper industry is, certainly, one of the most important, thanks to the considerable capital invested and the amount of labor engaged in its products, which can only be maintained by protection. The law of protection is specially desirable inasmuch as in many sections of Canada accessible resources are on the verge of exhaustion; through excessive exploitation, depredation and cryptogamic diseases, insects and fire propagation. The manufacturers of pulp, who are drawing their supply from these depleted forests, will in the near future be obligated to buy timber berths located far distant from their mills, thereby considerably increasing the cost of production of which they manufacture. They could buy at reasonable prices the pulpwood a little over 1,650,000 cords, which is cut on private lands for exportation to the United States.

These forest products, by being kept in Canada, would not only benefit the pulp and paper industry but also the lumber industry. A great part of it, in fact, could be put to better use owing to its size, by being converted into lumber. The private forest holders have been induced to convert trees of all sizes into pulpwood in



order to profit by the high prices offered for pulpwood by the American purchasers. Moreover, this timber being protected and accessible to the pulp and lumber, manufacturers could restrain their cutting operations, giving the forester a chance to reconstruct itself. Such a policy would determine many American manufacturers of pulp to emulate the example set before them by other manufacturers to come over to Canada and establish their mills in the north sections of the provinces of Ontario and Quebec, near the untouched forest and water powers which would open up and give employment to labor and establish new industrial centres, in places where hydraulic energy and forest supply could be had with great facilities. This would contribute to the general development of such parts of the country which up to the present have been left in their virgin state unexploited. It would mean the building of new railroad lines, roads and highways, new industrial centres where agricultural interests could find markets, and would retain the surplus of rural population which for years past have been attracted towards American cities.

"A prohibition legislature, such as is suggested by the federal Minister of Finance," said Mr. Bedard, "would benefit the labor interests of Canada, protect her forests and greatly help labor. The conversion into pulpwood of over 1,650,000 cords, annually exported, would benefit Canada to the extent of nearly \$60,000,000 in money retained and circulated in this country, besides helping to develop the country, labor and the rural population. Such a policy would contribute to increase the value of the forest properties now under lease.

"It is an introconvertible fact, since the establishment of the pulp and paper industry, it has been customary in the various provinces for settlers to take up land for no other purpose than what I call 'farming pulpwood.' Those pseudo settlers have, under their pretences, contributed to greatly reduce the area of birth and have been a standing menace by their improper methods, and carelessness for forest fires. Prohibitive legislation of export would put an end to these conditions, and the timber from the free lands would cease to have the plus value for which export has been responsible. The pseudo settlers would no more find encouragement to carry on their improper and disastrous enterprise. The complicated problem of colonization would be solved and only lands fit for agriculture would be in demand.

### Police Quell Insurrection in Timber Camp

Unusual circumstances featured a recent strike in one of the timber camps operated by C. Greer in the district of Fort William, Ont.

About 35 Finlanders had been employed in the camp most of the season, the wages being \$3 per day. The men struck and asked for an increase to \$3.50 per day. The management yielded as the camp was about to close for the season and all that remained was to clean up and get the cut wood out. After having won their wage increase the men still refused to work. Wishing to finish the work the management employed substitutes, who were chased out of camp by the strikers. An appeal to the provincial police officials resulted in the despatch of Sergt. Creasey and Constable Ingram to the scene of the disorder. They went out and without making an arrest ejected the strikers from the camp and restored direction of it to the lawful management and the men who were willing to work. Inspector Lougheed said that the Finlanders were radical socialists.

### Border Cities Dealers Getting on Nicely

The Border Cities Retail Lumbermen's Association which was organized some time ago, is holding regular meetings at Windsor, Ont., and making good progress. Everything is as satisfactory as can be expected and the code of ethics, which was recently submitted, was adopted. The dealers are recognizing it and the new code is having a salutary effect.

Building is quite active in the Border Cities and there is every indication towards a continuance of the same for the balance of the season, according to J. C. Scofield, Ex-President of the Ontario Retail Lumber Dealers' Association, providing the bricklayers' and plasterers' demands for wages are not too excessive. Building in Detroit, he says, is slaking off at a wonderful pace and consequently is having its effect on the men in Windsor,—that is, it is making them more reasonable in their demands.

### New Lumber Concern Opens in Peterboro

Alex. Dick, who was for several years manager of the Alfred McDonald Lumber Co., Peterboro, has formed the Dick-Carew Lumber Co., Limited, with headquarters in Peterboro. The author-

ized capital stock is \$50,000. The members, besides Mr. Dick, are Frank J. Carew, Lindsay; J. W. Meyers, president, Peterboro Cereal Co., Peterboro; George W. Hatton, County Crown Attorney, Peterboro, and Dr. Graham McDougall, Peterboro. The company has secured premises on Bethune St., between Murray and McDonnell,



Alex. Dick, Peterboro, Ont.

and will have an up-to-date woodworking plant as well as the facilities for manufacturing sash and doors, boxes, hardwood flooring, etc. The members of the firm are widely known to the trade and expect to have the business running full blast early this month.

### New Pulp Mill Proposed for East

Word received from St. John, N.B., is to the effect that as a result of the proposals for the development of the Hydro-Electric power at Grand Falls and elsewhere in New Brunswick, French interests are investigating the situation with a view to establishing a large pulp mill in Eastern Canada. Senator N. Jones, on behalf of a representative of the Petit Journal of Paris, has been in conference with Dr. E. A. Smith, chairman of the Power Commission, and C. O. Foss, chief engineer. The newspaper is desirous of establishing a pulp mill and exporting the product to France, where it would be converted into paper. At present the newspaper imports pulp from the Scandinavian countries and converts it into paper at a big plant in Rouen, France. It is estimated that the mill, if built, would require about 8,500 horse power for its operations. The commission will take the question up with the provincial Government.

### Practical Talks on Retail Deliveries

The "Canada Lumberman" will publish, starting with the next issue, a series of interesting and instructive articles on the delivery problem for the lumber retailer. These will be suitably illustrated and will convey much practical information which will be of use and help to the average yardman whose delivery service is causing him considerable anxiety. He is often faced with the problem—"Will it pay me to buy a truck to take care of my haulage?"

The articles will outline the method of delivering lumber from retail yards other than by horse and waggon, and while not desiring to uphold any one method as more advantageous than another, it is hoped that the contributions will prove of benefit to anyone thinking of adding motor or trailer equipment to his service for the first time or as an extra unit in his delivery equipment.

The first article will be on "truck delivery," the second on "truck and trailer" and the third on "tractor and trailer," while subsequent articles will deal with the recapitulation of methods of systems and comparative operating costs.

The transportation problem is one of great moment at the present time and this feature in the succeeding issues of the "Canada Lumberman" will be awaited with interest.



# What is Going On in the Great Lumber Arena

Pioneer Builders, Limited, Fort Frances, Ont., was recently incorporated.

Goderich Summer Homes, Limited, Goderich, Ont., is a new organization.

Frank Rounds, of Welland, Ont., has sold his lumber business to Robt. W. Rogers.

Rogers Lumber Yard, Limited, Moose Jaw, Sask., has reduced its capital from \$2,000,000 to \$1,000,000.

Fire recently destroyed the sash and factory of W. Lafrance at St. Eugene, P.Q. No insurance was carried.

Lumber (Mrs. Yards, Limited, Plenty, Sask., were recently sold to the Beaver Lumber Co., Limited, also at Plenty.

Edwin W. Fisher, president of the John Fisher & Sons, Limited, paper manufacturers of Dundas, Ont., died recently.

John G. Morton, head of the firm of the J. G. Morton & Sons, lumber merchants of Milton, N.S., passed away recently.

F. Stearns, of F. H. Stearns & Co., and J. Church, of Church & Church, Montreal, have been on a business trip to Philadelphia.

The Montreal Retail Lumbermen's Association recently materially increased its membership, and now includes practically every important retailer in the city.

Geo. S. Kerr Co., Limited, Campbellton, N.B., was recently incorporated to take over the business of Geo. S. Kerr and to deal in all kinds of forest products. Capital \$99,000.

A committee of the Montreal Wholesale Lumber Dealers' Association is considering the question of grading rules, and has made some progress towards drawing up a code.

All the British Government stocks of lumber in this country, having been sold, the offices of the Timber Disposal Department of the Board of Trade, England, in Montreal, have been closed.

A meeting of the Board of Directors of the Canadian Lumbermen's Association will be held at the Mount Royal Hotel, Montreal, on June 14th, when a number of important matters will come up for consideration.

Canadian Woodlands, Limited, Ottawa, is a new organization recently formed to manufacture lumber and pulpwood. Capital \$50,000. Two of the incorporators are F. R. Long and M. H. McKaw, both of Ottawa.

Among the new industries which recently located in Cooksville, Ont., are the woodworking plant and sash and door factory of John Harper & Sons, of Toronto. Mr. Harper has just built an attractive new house in the village.

A. H. Kendall, who for many years was master mechanic of the Quebec District Division of the Canadian Pacific Railway, has been appointed manager of the Chicoutimi Pulp Co., the Saguenay Light & Power Co. and the Saguenay Railway Co.

The luncheons of the Montreal Wholesale Lumber Dealers' Association are now held at the Mount Royal Hotel every Wednesday at 12.30 advanced time. The directors will welcome the presence of any lumberman from outside points.

Japan has become a heavy buyer of British Columbia lumber. The province exported 72,000,000 feet of timber to the Nipponese Empire in 1922, an increase of 20,000,000 feet over the previous year, according to the Department of Mines and Forests.

The Lake Simcoe Lumber & Fuel Company, Limited, Sutton West, Ont., is a new organization to conduct a general builders' supply business. Capital \$10,000. J. Pearman and J. Sibbald, lumberman, both of Georgina township are two of the incorporators.

The many friends of T. E. Rathbone, of George Rathbone, Limited, secretary of the Toronto District of the Ontario Retail Lumbermen's Association, will extend sympathy to him in the recent loss of the sight in his right eye, which was caused by the bursting of a blood vessel.

H. L. Hebard has been appointed chief inspector for the National Hardwood Lumber Association, of Montreal, and has entered upon his new duties. Mr. Hebard was formerly connected with the inspection staff at Toronto and has many friends in the trade. His assistant in Montreal is R. L. Orr.

Ashley R. Riches died on May 19 at 138 Lake Front, Toronto. He was for several years manager of the S. C. Kanady Lumber Co.,

wholesale lumber merchants, Toronto, who did a large trade until their retirement from business some years ago. Mr. Riches was well known to many of the older lumbermen of Toronto.

The Hoge Company's lumber camp ran its first car load of logs recently over their line and unloaded them at the head of the inlet at Port Moody, B.C. Four million feet of timber have been felled, two miles of railway constructed and two substantial bridges built since March 1, when the first camp was formed. A force of 60 men are employed.

The Anglo-Newfoundland Development Co., in maturing their plans for new developments in connection with pulp and paper manufacturing in this country, have acquired the property and plant of the Terra Nova Sulphite Co. at Anglo Brook, Cloverton, Nfld. This concern was started years ago by Messrs. Blackstad and Storm for the purpose of making pulp and paper.

At the annual meeting of Price Bros. & Co. which was held recently at the head office in Quebec, reports for the past year, which were of a satisfactory nature, were received and various routine matters were taken up. Sir William Price was re-elected president for the coming year and George H. Thomson and J. M. McCarthy vice-president. H. E. Price is again secretary-treasurer.

The many friends of Thomas H. Hancock, who is a widely-known retail lumber dealer in Toronto, will sympathize with him in the loss of his father, Thomas Hancock, who passed away on May 20. The late Mr. Hancock was a well-known builder and architect and several years ago was connected with the lumber business. He was 78 years of age and resided at 836 Dovercourt Road, Toronto.

Ninety-five per cent of the fires which destroyed British Columbia forests last year were caused by carelessness, according to Major C. Cowan, of the forest branch. Forest fires cost the province about \$23,000,000 in timber destroyed, Major Cowan stated. One-third of the total commercial timber cut was burned. Of the 2,000,000,000 feet of timber cut, 700,000,000 was destroyed by fire. The cost of fighting fires last year was \$750,000.

The Whalen Pulp & Paper Co. plans to take out 20,000,000 feet of logs, employing from 250 to 300 men in the vicinity of Thurston Harbor, B.C. The T. A. Kelley Co. is getting out 14,000,000 feet for the Powell River pulp mill and for export. These operations and other smaller ones are all on the Queen Charlotte Islands, but there are other logging operations along the coast and on some of the islands, as well as at a number of interior points along the line of the Canadian National railway.

The Hamilton Cove Pulp and Paper Company, Quebec, P.Q., which was granted provincial letters patent recently, and has its head office here, will float an issue of \$500,000 6½ per cent bonds, it was learned lately. This company will exploit the Mille Vaches Seigneurie timber limits on the north shore. It is understood that the St. Regis Paper Company will take half of the total of the bond issue, having a ten year contract for purchase of the production of the newly organized company. The timber limits of the Hamilton Cove Company are now being inspected on behalf of Mr. Sweezy, the Montreal forestry expert.

Thousands of pulpwood logs floated loosely down the St. Lawrence River recently, as the result of the breaking of a boom that was being towed down the river by the Vera T. The boom was being taken to the Grand Trunk wharf in Levis for shipment. While it was being manoeuvred to the wharf the boom struck the end of the wharf. A coincidence in this connection is that fifty years ago on the same date a boom was broken up by a storm on the river, over one hundred thousand logs being set free in the stream. The loss from the recent break is said to be fairly considerable.

W. H. Harris, president of the Frank H. Harris Lumber Co., who returned some time ago from an extended business trip to Mississippi, recently purchased a block of nearly 9,000,000 feet of long leaf, rosemary and short leaf yellow pine. The timber stand is located in Rankin County five miles from Pelahatchie, Miss., on the Alabama & Vicburg Railway. The property was bought from Haney & Williamson of Hattiesburg. Arrangements are being made for putting in a mill and logging operations will start in the near future. The output of yellow pine on the newly acquired property of Mr. Harris, will be handled through the Frank H. Harris Lumber Co., Toronto, Ont.



# Budget of Briefs From the Busy East

An interesting announcement was made from the Department of Lands and Mines in Fredericton, recently, giving notice that the rate of stumpage on poplar was reduced by the Government from four dollars to three dollars. The payment of the 1923 bonus by lumbermen has been extended over two years, one half to be paid in August 1923, and the other half in 1924.

As a result of recent heavy rains in the Province of New Brunswick and conditions prevailing as a result of a backward spring, the Department of Lands and Mines extended the time limit for slash burning from May 10 to May 15 inclusive. This extension proved advantageous to many as it gave them an opportunity to dispose of their slash. Operators and loggers also benefited from this extension by giving them a chance to clean up brush from last season's operations occurring within three hundred feet of railway lines and in the vicinity of mills and camps.

The new regulation, which provides for registration is receiving the endorsement and hearty support of all directly connected with the forest industries. Many letters of approval have been received by the department since the first announcement of the operation of the scheme. One citizen, who has had over twenty years of forest fire fighting experience wrote: "I received a book of certificates and wish to congratulate the department in such commendable advanced legislation. The concise statement of regulations on the back of each certificate should be much to eliminate carelessness with camp fires, cigars and cigarettes."

It is interesting to note that a "no-forest-fire" record for April was established this year.

The big plant of the Pejeboscot Company at Bath, Great Salmon River Village, St. John County, is now in full operation, the company fortunately not being greatly handicapped by the recent freshet. This big corporation expects to ship at least 8,000 cords of pulpwood, and over 3,000,000 feet of manufactured lumber during the summer. W. D. Seeley and G. W. Wallace of the company expressed an opinion recently that conditions in the lumber and pulpwood business had so improved that it was time to resume full operations. They said that the company expects to get out 20,000 cords of pulpwood and 5,000,000 feet of lumber in the season 1923-24. The pulpwood cut will be divided equally between the Irish and Great Salmon Rivers and the lumber will be all cut on the Great Salmon River.

A new industry has started in Woodstock by S. C. Heckbert, who will manufacture toboggans, shoo-fly rockers, etc. Recently he received an order from T. Eaton Company, of Toronto, for 2,000 toboggans in addition to other lines. Stock is being secured as Mr. Heckbert was one of the heavy losers by the recent floods which swept away a large quantity of white ash.

Murray & Gregory's saw mill at Marble Cove, St. John, resumed sawing operations a few days ago. Employees had been holding out for an increase in wages and a ten per cent increase offered by the owners was accepted. Stetson, Cutler & Company's mill at Pokiok resumed operations on Saturday May 19. Other saw mills in the vicinity of St. John are expected to commence sawing in the near future.

Driving conditions have been fairly good in streams and on rivers in the Province of New Brunswick. The St. John Log Driving Company have completed salvaging logs on the St. John river, which broke away from the booms during the recent high freshet and flood. Two tugs and a fleet of motor boats, with houseboats for the men, were engaged in the operation. In some cases logs had been carried back on farm land. It was announced that about 2,000,000 feet of logs went adrift. The mouth of the Nashwaak river was sealed with booms during the recent freshet. A recent report from there said that over half a million feet of logs had already reached the booms for the Nashwaak Pulp & Paper Company and that driving conditions were favorable. Stanley Douglas & Company are also operating a drive on the Nashwaak waters.

R. J. Stewart, of Coles Island, a prominent lumber manufacturer, had a very narrow escape from drowning a few days ago. He attempted to cross a bridge and the structure, weakened by the freshet, collapsed. He was thrown into the river and had great difficulty reaching shore.

The Victoria mills of the Fraser Company, Ltd., resumed operations for the season a few days ago, cutting long lumber. The planing mill has been in operation for some time.

A plan is being considered to ask the government of the province to establish a game and fish reserve in the vicinity of

Musquash, on a track of land which was formerly the centre of a great lumbering industry. Fifteen permanent sawmills had at one time been in operation there, but at the present time the sawmill at St. George is the only one left. The proposition is to have this section of crown lands between St. John and the St. Croix river declared a reserve and maintained as an attraction to hunters and fishermen.

A judgment in favor of the Bathurst Lumber Co., Ltd. vs. the Workmen's Compensation Board was recently handed down by His Honor Judge Grimmer. The case was argued some time ago, the chief issue being whether or not the plaintiff company came within part one of the Act constituting the Board, or Part two, a decision concerning which would settle whether the company would be required to pay assessment for 1922. The court found that the company was not within part one of the act and that the assessment amounting to \$31,625 levied against the company by the defendant was improperly made and therefore illegal and void. It found, further, that the plaintiff company was not subject to or liable to any assessment for 1922.

The Bathurst Company's No. 1 mill resumed sawing operations on May 18. A large supply of logs was on hand in the booms and from all indications the mill will have a long and steady run. The Gloucester Lumber & Trading Company's mill at Bathurst was expected to start in the near future. Reports received were to the effect that the company's drives on the Little and Bass Rivers were doing well and as soon as they were reasonably near the booms orders were to start the mill.

According to a report received at the time of writing a serious forest fire had broken out in the woods about four miles back of the Narrows, Queens County, the first of the season. Four barns, a house, a number of out-buildings, hay and farm machinery were demolished by the flames which kept on its devastating course through the woods.

Late reports received from the upper St. John river say that the River Valley Lumber Company, with headquarters at Oromocto, is making good progress with their drives. The greater part of the lumber, which was carried over the Rusiagornish by recent floods, has been recovered. On the North Branch Lake where a flood carried out a driving dam at the mouth of the lake and endangered the safety of a drive to two and a half million feet, repairs have been completed and it is believed that the drive would be brought out safely. The mill at Oromocto has started operations.

## How Tractor Did Work of Twenty Horses

The Murray & Omanique Lumber Co., of Barry's Bay, Ont., who have had a Linn logging tractor in operation in one of their camps near Madawaska, say that the machine did a large amount of hauling over a 4¼ mile road. This was nearly all down steep grades which had to be sanded. There were two upgrades of about seven per cent over which the Linn hauled seven or eight sleighs and a load on itself, making a total of 320 green hemlock logs to the trip. The tractor made four trips by day and when the firm worked nights, made three more and averaged well over 2,000 hemlock logs every twenty-four hours or in seven round trips, including the hours of daylight and darkness.

Mr. John Omanique states that had they been prepared for the tractor in the first place,— that is, if they had possessed all No. 1 sleighs when they began the use of the machine, it would, no doubt, have done double the work.

"Even at this rate," he adds, "we saved a great deal more than if we had hauled with horses. It would take at least, twenty teams of horses to replace this machine on the road which we hauled over. We hope this information may be of some value to you, and thank you for your interest in our operation."

## Big Business Calls for New Quarters

Notice has recently been received of the removal of the Link-Belt Company's Pittsburgh branch office from their old quarters at 1501 Park Building to their new and more commodious offices at 335 Fifth Avenue. Mr. T. F. Webster, manager of the Pittsburgh office says that larger space and the more convenient location was imperative because of the extraordinary volume of business transacted during the past year and which promises to remain in full swing, at least, for the coming fiscal year.



### Breezy Paragraphs From Far and Near

The Winnipeg Roofing Co. with a capital stock of \$50,000 was recently granted a charter. This plant is being constructed at St. Boniface, Man., and, it is expected, will be operating toward the end of June. The Winnipeg Roofing Co. will start with a production of about 400 rolls of roofing paper daily. There is sufficient business offering from the prairies to keep the plant working the year round. F. R. Dowse, of St. Boniface, is president of the company; R. J. Swain, Mayor of St. Boniface, vice-president, and B. D. White, of Vancouver, manager.

Two timber berths were sold recently at public auction by the New Brunswick Crown Lands Department. Berth No. 27, located on Two Millbrook, branch of the Eel River, Northumberland County, containing two square miles, was sold at the upset price of \$20 per square mile to W. and R. Walsh, the applicants. Berth No. 28, applied for by W. and R. Walsh, was sold to the Fraser Companies, Limited, at \$21 per square mile. This berth contains three square miles and is located east of Bay du Vin River.

Eighteen hundred school children from the various city schools and Devon were the guests of the Canadian Forestry Association recently at Fredericton, N.B., when four picture shows were given in the interests of forest protection as an Empire Day feature. Each of the four was addressed by Robson Black, Ottawa, Secretary of the Canadian Forestry Association. He also addressed the students of the Provincial Normal School.

The James W. Sewall, timber-cruising house of Old Town, Maine and Washington, D.C., report great activity in their business. Mr. Sewall has crews engaged in work, not only in Maine but in Ontario, Quebec, Nova Scotia, Vermont and New Hampshire. So far this year his cruisers have reported on over a million acres of land, and have work laid out ahead for nearly a million acres more.

The Hage Timber Co. recently entertained all its employees at a banquet at Port Coquitlam, B.C., the occasion being in celebration of the mill breaking a record and the cut exceeding 140,000 feet in a day. S. Hage promised another celebration if the output at the end of the month totalled 2,000,000 feet. The mill is only operating "one side" at present and there are 1,000,000 feet in the water at Port Moody, the result of thirteen days' operation.

The three pulp mills of the Whalen Pulp & Paper Co., Vancouver, B.C., are operating nearly to capacity. The Japanese market for sulphite shows a marked improvement and the British Columbia lumber market is quite strong. On May 1st the Whalen Company redeemed \$197,000 of 6 per cent first mortgage serial bonds that had matured.

There is a good prospect of a pulp mill being erected in Northern Alberta. The Edmonton Board of Trade has received a communication from Senator W. A. Griesbach, asking where lime and sulphur may be secured. The information is desired in connection with the establishment of a pulp mill. There are splendid sources of pulpwood along the clear water of the Athabaska River.

R. M. Beckett and W. A. Home, of the late firm of Dobell, Beckett & Co., Quebec, Que., have to some extent retired to private life from the lumber arena. They have, however, associated themselves with the Howe Lumber Co., Limited, of Three Rivers, and have gone on the board as directors.

In 1920 there were cut, in Canadian forests, 4,024,826 cords of pulpwood. This wood, if piled four feet high and four feet wide, would reach in a continuous line over 6,000 miles, or the distance from Vancouver to Halifax and out over the Atlantic to Queens-town, Ireland.

A message was recently received by the provincial police at Cobalt, asking for the arrest of the agitators who were said to have caused a strike at the T. S. Woollings pulpwood camp. Fifty men were said to have walked out and two officers were requested.

Fast work was recently accomplished at the Westminster Paper Mills, of New Westminster, in connection with a carload of tissue paper being shipped by boat to Australia. The car was loaded and landed at the C.P.R. wharf, Vancouver, within eight hours.

The firemen of Chatham, Ont., were called out recently in the neighborhood of Ringold. A box car loaded with hardwood lumber consigned to London, had become ignited. The car was brought to Chatham and uncoupled and the flames quickly extinguished.

Pioneer Builders, Limited, Fort Frances, Ont., was recently granted a provincial charter to manufacture and deal in builders' supplies and boxes. Capital \$40,000.

The Emerald Lumber Co. are now operating their new mill at Aberdeen Road, Matsqui, B.C.

Kitchener Timber Co., Kitchener, B.C., are about to start work on an addition to their sawmill at a cost of \$12,000.

The Emerald Lumber Co. are now operating their new mill at Aberdeen Road, Matsqui, B.C.

The Patterson, Theal Lumber Co. is now operating its mill at Popkum, B. C. The plant has a capacity of 26,000 feet per day.

### Passing of Another Veteran Lumberman



The late Henry Pedwell, Thornbury, Ont.

Many friends in the lumber trade will regret to learn of the death of Henry Pedwell, of Thornbury, Ont., a veteran lumberman, who joined the silent majority on May 17. He was in his 74th year and had been ailing for the last four months. An attack of the 'flu in February last weakened his otherwise strong constitution, and this was followed by pleurisy and pneumonia, the effects of which he could not throw off.

Just a year ago the late Mr. Pedwell and his wife celebrated their golden wedding and were the recipients of cordial congratulations from a wide circle of friends. Mr. Pedwell is survived by his wife and nine children, five of whom are in the lumber line. They are Charlie, of Detroit; E. M.; A. E.; F. A.

and A. W., all of Toronto. The funeral, which took place at Thornbury on May 20, under Masonic auspices, was largely attended, evidencing the esteem in which Mr. Pedwell was held. Known all over for his geniality, kindness of heart, strong patriotism and sound integrity, "Harry" Pedwell, as he was familiarly called, had filled many leading positions. He was reeve of Thornbury village for several years, and in all his battles at the polls was never defeated but once. He was born in Wales in the district in which Lloyd George, former Premier of Great Britain, was brought up and in build and facial features resembled to a considerable degree the famous British statesman.

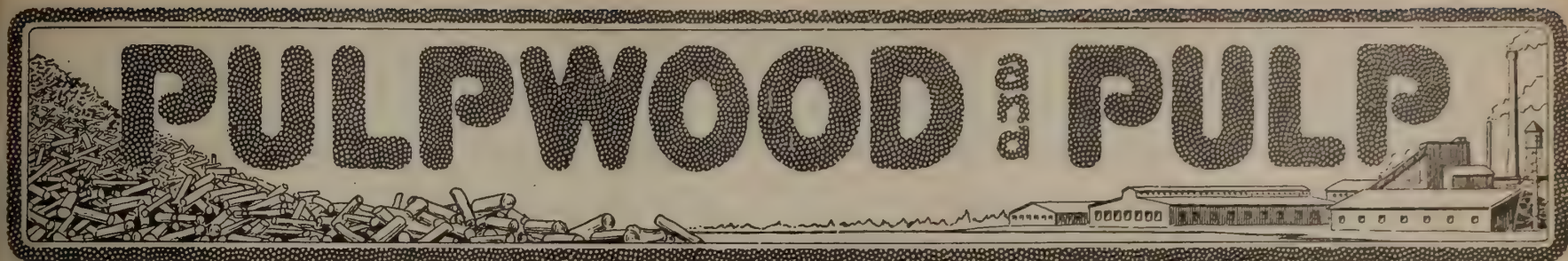
As a young man, Mr. Pedwell landed in America with only a dime in his pocket, but he soon secured a job, and after spending a few months across the border, came to Collingwood where he learned the trade of machinist blacksmith. He removed later to Thornbury, some fourteen miles away, and there engaged in the carriage business. Then one day he thought that he would like to get in the lumber arena and he exchanged his shop for a sawmill which he conducted for many years. He also owned sawmills at one time in Owen Sound and in Keppel, cutting up large quantities of hardwoods. He continued operating at Thornbury until the limits which he owned gave out and then the mill was dismantled. Mr. Pedwell, however, remained in the retail lumber line until the day of his death. He was one of the pioneers of the industry in Grey County.

Mr. Pedwell had always been a public-spirited citizen and gave liberally of his time and talent to the advancement of the community. This was evidenced in a striking way during the years of the war and the scarcity of coal. To the first man who enlisted with the 148th (Grey County Battalion) he gave a present of \$100, and to everyone who joined later he donated a \$5 gold piece. He also took an active part in the Victory Bond and recruiting campaigns, and in his passing a good and just man has gone to his reward.

### Big Pulp Mill for Newfoundland

The big pulp and paper project of Newfoundland is going ahead and the Premier, Sir Richard Squires, is losing no time in carrying out the proposition which was endorsed recently by the electors. The Newfoundland legislature will meet on June 6th to pass a bill, confirming the contract entered into between the government and the Armstrong-Whitworth Co., of London, for the building of the mill on the West Coast. The plant will turn out about 400 tons daily. Under the agreement the Newfoundland government will guarantee the principal and interest of \$6,000,000 for the paper enterprise, and a similar sum has been guaranteed by the British government. The money raised under the Newfoundland guarantee will be expended in construction, and that from British sources in the purchase of machinery and materials in England.





### Big Pulp Proposition for Ancient Colony

Newfoundland is now assured of a great \$25,000,000 pulp and paper industry. This the result of the recent elections in the ancient colony when Sir Richard Squires, the premier, was re-elected by a strong majority in the legislature.

The plans in connection with the big project are developing satisfactorily and the undertaking, which is known as the "Humber River Proposition," will have an output of 400 tons of pulp and paper daily. This will be one of the largest individual units on the continent. Operations on the plant have been under way in that 700 men have been employed for several weeks putting in a temporary dam and preparing a railway and canal site. Big British interests are behind the concern and the bonds are being granted by both the Newfoundland and British Governments. The backers of the scheme are the W. G. Armstrong-Whitworth Company of Newcastle-on-Tyne, England, whose Canadian interests were recently taken over by the Charles Walmsley Company, Limited. Most of the machinery will be brought out from England although Canadian contractors are looking to have a share in the work of building the mill and the accompanying dam is necessary.

In addition to being a gigantic pulp and paper proposition the development will be the most ambitious hydro-electric plant in Newfoundland. The mill, it is planned, will be operated by power from the Humber River which will necessitate a canal ten miles long. The canal will vary in width from about 100 feet to 200 feet and will cost about \$5,000,000. There will be a dam 75 feet high and 1,200 feet wide. The ultimate power capacity will be 250 h.p. of which only half will now be needed.

The whole development will involve an expenditure of \$25,000,000. The Newfoundland government, according to the plans of Premier Sir Richard Squires, will guarantee 20-year sinking fund bonds to the amount of \$9,000,000, while the British government will guarantee an additional £2,000,000 of 25-year bonds. The scheme has received the approval of the Trade Facilities Advisory Committee of the British Government who have recommended it to the British authorities for guarantee to that amount, providing the Newfoundland administration guarantees an equal amount and providing the machinery is bought in England. These arrangements, it is believed, will bar Canadian or American capital from participation in the plan. One gratifying feature of the situation is that, when the new industry is in operation, much will have been done to solve the railway problem of the Island. Increased business will, no doubt, result and help wipe out the deficit on the government-owned and operated lines.

### New Kraft Pulp Plant for North

The Department of Lands and Forests is calling for tenders on a block of timber in the vicinity of Elsas, Kapuskasing district, comprising about 1000 square miles. The area is being put up for sale at the request of the Continental Wood Products Limited, who will agree to erect a kraft mill at Elsas of 100 tons capacity. The contemplated agreement will also call for the subsequent erection of a 50 to 75-ton kraft paper mill.

The company are operating a sawmill and woodworking plant at Elsas, and have been buying wood from veterans and other settlers. The Continental Wood Products Co., who are affiliated with the Continental Paper Bag Co. of the United States, are desirous of possessing limits of their own and the 1000 square miles to be offered publicly is covered mostly with jack pine, there being less than a million cords of spruce on the property, according to government estimates. Jack pine is a very satisfactory wood for the production of kraft paper, and in the event of the Continental Wood Products Co. being successful in securing the area, which is situated in the watershed of the Trout and Chapeau Rivers in the district of Sudbury, an important contribution will be made to the industrial activities in the north country.

The time for receiving the tenders closes on June 22nd. Tenderers must state what they are prepared to pay per thousand feet, board measure, for the timber over and above the upset prices, in addition

to Crown dues. Red and white pine upset price, \$6.00 per M feet, b.m.; spruce, too large for pulpwood, \$5.00 per M feet, b.m.; jack pine \$2.50 per M feet, b.m. The Crown dues on pine, including jack pine, are \$2.50 per M feet, and on spruce \$2.00 per M feet. Each tenderer must deposit a marked cheque of \$50,000.00 with his bid which amount will be forfeited in the event of the successful tenderer not entering into agreement to carry out the conditions therein.

### Stumpage Rate Reduced on Poplar

The stumpage on poplar, which is cut extensively in some sections of New Brunswick for pulpwood, was reduced lately by order-in-council passed by the provincial authorities. The former rate was \$4.00 per M feet, and it has been reduced to \$3, which means a drop of from \$2 to \$1.50 per cord for pulpwood. The decrease was made as, owing to the rate which had been in existence, quantities of poplar were being allowed to die and rot in the southern section of the province, where it grows in large stands but is not long lived and does not become large in size. It was said that Queens, Sunbury and Charlotte counties were the districts principally affected.

Hon. C. W. Robinson, Minister of Lands and Mines, reported that it had been proposed to extend the period for slash burning by settlers from May 10th to May 20th as a result of the recent floods, but reports reaching the department indicated that the woods were already drying up in many districts and it was not believed safe to extend the date for slash burning beyond May 15th. This action by the department was, therefore, approved. The Minister also reported that the department's organization was complete for carrying on protection of the forests from fires in so far as possible.

The Government also approved proposals to extend over a period of two years the payment of the 1923 bonus due in connection with leases of Crown Lands. The amount involved is between \$400,000 and \$500,000 and would have been due in its entirety on August 1st next; under the arrangement adopted, fifty per cent of the amounts will be payable this year and the balance on August 1, 1924. The licensees contended that it would be a hardship under present conditions to have to make the entire payments this year.

### All Eyes Are on Canada's Resources

In comparison with American capital, a small amount of British money is invested in Canadian timber lands, and in the pulp and paper industries. Great Britain secures her main supply of pulp from Scandinavia, with a certain amount from Canada. Geographical considerations have much to do with the drawing of supplies from Scandinavia, in the same way as these affect the purchase by American mills of large amounts of pulpwood from this country. There are, however, indications that British publishers are taking a greater interest in the pulpwood resources of Canada and Newfoundland. The visit to Canada of a representative of Edward Lloyd, Limited, the owners of the largest newsprint mill in the world, is not without interest. He is here to look into the question of establishing a pulp mill, together with acquiring the necessary limits. At present the firm uses a considerable quantity of Canadian pulp, and presumably the idea is that it will be cheaper to manufacture the pulp than to buy the product of other mills.

There is also a report that the Anglo-Newfoundland Company, the subsidiary of the Northcliffe interests, have under consideration the acquiring of limits in the Gatineau district and constructing a pulp and paper mill there. This would, of course, supplement the large plant now existing in Newfoundland. British capital was recently solicited for investment in one of the pulp mills in the Province of Quebec, which is already under British control.

According to Mr. Dodge, the president of the International Paper Company, conditions are favourable to the expansion of the Canadian newsprint industry at the expense of many American mills, who, with depleted pulpwood supplies, are not in a position to compete with our mills. He protests against the admission of Canadian newsprint free of duty, and also against what he regards as the



injustice of prohibiting the export of pulpwood from Crown lands.

All this means a greater demand on Canadian pulpwood resources, and gives point to the argument of those who insist that we should not only prohibit the export of pulpwood, but should take more drastic steps to prevent fires and to ensure a continuous supply of pulpwood and lumber.

### Busy Pulpwood Operations at Amqui

The St. Lawrence Lumber Co. of Quebec, have recently added a Canadian barking drum to their rossing plant at St. Lawrence Siding (Amqui). The company intend to ross at that place all the pulpwood they are taking out from their operations at Salmon Lake, Causapscal, Metalik, Heppel, etc., and ross it in transit in the Metapedia Valley. The firm have succeeded in getting a reduction in their rates from the Canadian National Railways for rossing and reshipment of wood from Amqui, Que.

The company are also building a conveyor on their siding that will enable them to load 30 cars at the same time, and at another siding near the lake they can unload at one time 12 cars of wood to be rossed in transit. At Metalik Siding the company are organized to load cars with a water-slucie that crosses the Metapedia River where they can load very rapidly.

The St. Lawrence Lumber Co. are taking out 40,000 cords of pulpwood this year and will move the output principally by water to the other side of the line. American consumers, who have no large piles in reserve, may be short of wood before long, and this is the reason the St. Lawrence Lumber Co. have effected arrangements to ship wood by water so that they will be able to deliver it to the mills when wanted. The St. Lawrence Co. have already made contracts for over 10,000 cords of peeled pulpwood for next year's delivery, and report that wood will cost more than last season.

### Sir William Price Offers Big Prize

Sir William Price, of Price Bros., Limited, is offering a prize of \$1,000 for the best essay in a general competition in Canada on the subject of "Canada North of the Fifty-sixth Parallel of Latitude." The contest which is open to all resident Canadians other than university students, has been instituted as a stimulus to the collection and dissemination of practical information about what are, perhaps, erroneously called the "barren lands" of the far Canadian north.

It is hoped that the contest will promote an authoritative verdict on the practicability or impossibility of the settlement and economic exploitation of these Arctic and sub-Arctic regions. There is an old view that these areas are inhabitable. There is a new view, supported by facts of exploration and by the northern trend of civilization in the North Temperate zone, that the lands can support population and that they constitute a new field for Canadian expansion. A critical examination of these conflicting theories is desired. The competition will not close until October 20th, 1924.

### Belgo Company is Now Canadian Owned

The Belgo Paper Co., whose mills are at Shawinigan Falls, Que., is now entirely controlled by Canadian capital. The acquisition of this rapidly-growing industry by strong financial interests of the Dominion has been received with favor and is the outcome of negotiations which have been in progress for some time. It is understood that the transfer of the financial control will not affect the company's operating staff, continuity of executive direction being a settled policy of the interests now in control.

The Belgo Company is unique among Canadian newsprint companies, in that it owes its origin to the investment of Belgian capital, and up to the present time has been controlled by Belgian interests. The business of the company was founded in 1900. Operations were begun in 1902 with the manufacture of groundwood pulp, the first newsprint machine being installed in 1904, annual output for the year being only 7,500 tons. As a result of twenty-three years of conservative financial and operating management, the company has a record of steady growth and expansion. The timber lands consist of over 1,800 square miles on the St. Maurice River and tributaries.

### Will Sawgrass Replace Spruce Pulp?

Sawgrass from Florida may yet be a serious rival for the pulp forests of Canada. A resident of Jacksonville, Fla., sends an instructive account of the development of a large plant, costing one million dollars, making pulp and paper from the sawgrass of Lake Griffen. The sawgrass bears some resemblance to the rushes in Ontario

marshes, but is broader and coarser in fibre. Samples of the paper from sawgrass which were sent are coarse and soft, so that it does not appear from the reader's communication how far this raw material could be used. A resemblance to the old Egyptian papyri is noted, as the six-foot prongs of sawgrass are like the tall reeds of the papyrus plant.

"There are over one thousand lakes in Lake county, Florida, alone," says the writer, "and their shores are literally lined with plantations of this sawgrass. The supply is unlimited. The pulp can be made in one-tenth the time with one-tenth the labor and one-tenth the cost of spruce-wood pulp. It makes printing, writing, building, mapping, roofing, and an art paper; bags, boxes, cartons, etc. The plant is in full operation day and night. Thousands of visitors pass through it weekly. It seems to answer the question of years: Where will we get paper when spruce runs out?"

### Expansion of Great National Industry

The Canadian Pulp & Paper Association has compiled and issued a bulletin containing the most recent data relating to all pulp and paper mills in the Dominion. The bulletin gives particulars regarding the location of the mills, the officers, directors and personnel, capitalization, equipment, timber supply and production. The mills are classified according to provinces and also according to product. In addition figures are presented showing Canada's exports of pulp and paper and of pulpwood, together with total Canadian consumption of pulpwood and the imports of paper which reached nearly 8½ million dollars in the fiscal year of 1923. Besides these, a list of paper merchants in Canada is printed.

### The Periods of Greatest Fire Danger

In view of the approaching forest fire season, the District Inspector of Forest Reserves points out that the periods of greatest fire danger in Manitoba vary in different parts. In the south and south-west, during the period from the disappearance of the snow until the June rains, the dried up grass creates a considerable fire hazard as it does also after the autumn. In the north of the province, on the other hand, moss takes the place of the grass as ground cover. This moss does not dry out until about July and August, and this is the period when most of the fires start.

### Several New Pulp Projects Shaping Up

If all the construction plants that are mooted or projected in Ontario, Quebec and the West are carried into effect, the next few months will witness an unusual development in the building line. Scarcely a month passes without some new company being incorporated, and there appears to be ample capital behind most of the enterprises. One of the latest incorporations is the Hamilton Cove Pulpwood & Lumber Co., Limited, with headquarters in Québec. David Henry Pennington, lumber merchant, is one of those connected with the incorporation which was formed to carry on business in lumber, logs, pulpwood, paper and paper products of all kinds. The authorized capital stock is \$150,000. Another company, which will likely get under way is the Québec Pulp & Paper Co., which proposes erecting a groundwood mill at Sillery, near the ancient capital, with a capacity of 100 tons daily.

### Ontario's Premier Opposes Pulpwood Embargo

An agitation has been going on for a long time to prohibit the export of pulpwood from private lands or failing in this that a duty should be imposed upon wood shipped out of the Dominion. If such a measure were carried out, it would have to be enacted by the Federal Government at Ottawa who will, it is announced, appoint a commission to inquire into the question and get all the information that is possible to obtain before coming to a definite conclusion on the proposition.

Hon. E. C. Drury, Premier of Ontario, who is an ardent advocate of the conservation of Canadian resources and a strong upholder of a more progressive provincial forestry policy, stated recently, in a public address, that he did not favor any such drastic change as placing a restriction upon the pulpwood of settlers. If the latter were shut off from export to American buyers, it would, he said, be a serious blow to the settlement and progress of Northern Ontario. The pulpwood of the settler was practically all that he had to give him revenue, while he was clearing his land and carving out a farm. Premier Drury added that to bar settlers from selling pulpwood for export, would leave them at the mercy of the big operators.



# LUMBER TRADE CONDITIONS

## Quebec Exporters Speak on Outlook Overseas

The late opening of the season of navigation in the St. Lawrence route caused by the ice congestion of the straits of Cabot has greatly interfered with the shipment of lumber from the port of Quebec. Arrangements had been made by Quebec shippers to load vessels at this port during the second week of May by liners but, due to ice conditions, several steamers were diverted to winter ports which had the effect of upsetting all calculations. Under these conditions the Quebec exporters have been applying for new channels of export and up to the time of writing, had not received definite replies to their demands for cargo space. It is expected, however, that the month of June will witness large shipments of lumber from the port of Quebec to the United Kingdom market.

The recent changes in the European political situation are not viewed with any sense of alarm by the economic interests in Great Britain. These eventualities were anticipated, especially in the case of Russia, and the latest confidential reports received by the Quebec export firms from their European agencies in regard to the situation, make it plain that the British note to Russia was unavoidable and expected. Russia, according to these sources of information, will have to make a complete back-down, and if she does not, there will be no war for the reason that England will simply cut off all further diplomatic and trade relations, leaving the Soviets to stew in their own fat.

Col. R. M. Beckett, of the late firm of Dobell, Beckett & Co., who spent the winter abroad and arrived at Quebec on May 6th in company with Capt. J. F. Burstall, of the firm of John Burstall & Co., speaking of the political conditions abroad, said Great Britain was slowly but surely coming back to normal, and if it were not for the unsettled European conditions which included Germany's procrastination and continued equivocations, the economic situation of England would ere this have been greatly improved. The crux of the whole political difficulty, said Col. Beckett, is that Germany controls Russia and stiffens the attitude of the Turkish political circles. The only people well fed in Russia are the Soviet government entourage and the Red Army, which is officered by Germans. Nevertheless, both Russia and Germany are not considered formidable factors in their present weak and disorganized condition. It will, however, take some little time yet to clarify the present political horizon and, when the clouds roll by or when Germany realizes that the Allies must receive honest, concrete proposals will ensue for a settlement of the reparations, which are gradually looming up in the distance as a means of reaching an acceptable adjustment.

In regard to prospective business relations in England with Canada, it is learned from other sources, that the lumber trade in England is beginning to visualize the future with more confidence. With another Government housing scheme on the tapis, timber prices are rising, which is causing the English timber merchants to demand more money for their goods. It is feared that this may have the effect of accusations of profiteering and the cry that the English dealers are exploiting the needs of the country for their own benefit. This is likely to discourage private investment in construction. The British timber importers explain that far from obtaining excessive profits, they have in the past year been selling too cheaply, and, in the majority of cases, have put on a moderate profit, taking chances of being able to purchase again. They claim that they fought strenuously against the advancing tendency in exporting countries, and would have done better, had they been more enterprising in their contracts, while presuming that a big demand earlier in the season would have encouraged shippers and caused a premature rise in values.

It is pointed out that events of late have been working strongly in favor of higher prices for timber, no doubt due to the lock-out at the sawmills in Sweden for over two months of the cutting season, to reduce the output for the year 1923, and the rise of the value of the Finnish mark to reduce automatically the profits of the exporters. Furthermore, the prospects of a further appreciation in the currency will make the Finnish sellers more reluctant to continue placing their wood at Sterling prices which is likely to prove less remunerative. In the meantime, increased inquiries are of late reaching the British dealers in lumber, from France and Belgium to give the shippers an idea that business will be possible in these markets, notwithstanding the handicap of the exchange rates. It is thus argued that causes quite outside the control of English buyers, are at work in the advance of wood values.

This combination of circumstances will, without doubt, enhance the demand for Canadian wood and agents of the Canadian lumber interests in Europe are expecting to reap benefits which will be demonstrated in the midsummer and fall shipments from the port of Quebec.

It is pointed out that the quarrel on the Continent and dislocation of the foreign exchanges, made all English buyers nervous, and although they foresaw a better demand in Great Britain for wool goods, they hesitated to take advantage of the prospects. Consequently, instead of purchasing in a wholesale manner and, so obtaining their goods more cheaply, they were forced to buy in small quantities from time to time. They considered, under the then existing circumstances this was the safest course to adopt, and even now, when things are looking brighter and everybody more optimistic, the British importer is conducting his purchasing with caution.

The British wood importers these days are beginning to realize the big business being carried on by the Canadian lumber interests with the United States, and are amazed to learn that, in view of the situation, the spruce market for 1923, owing to the big demand both in Canada and the United States where higher prices are obtainable in comparison to those paid in the United Kingdom, is being sold up rapidly for consumption.

A circular issued by an English firm of importers gives a view of the situation from which the following is quoted:—"Owing to the principal shippers having decided to convert their logs into wood pulp in 1923, and owing also to the big demand both in Canada and U.S.A., where high prices are obtainable, the quantities of spruce for the English market will be about the smallest on record; in fact the leading shippers have now cleared the whole of their f.o.b. stocks and are requiring considerably higher prices for later shipment—in many cases, at least, as high or higher than we are able to quote you from our early contracts."

The foregoing circular when issued, was the cause of considerable interest in the British market and went to show that Canada could be independent of the United Kingdom.

## Halifax Conditions Point to Continued Good Trade

Present indications point to a continuation of the activity that has characterized the lumber industry in Nova Scotia since the beginning of the year. During the winter and early spring shipping was badly hampered by railway embargoes and weather conditions, but since the opening of navigation the movement of stock has been going on freely both by cargo and rail, to the United States market and liner shipments have been of fair volume to the British market.

Owing in the enormous volume of new building undertaken in the Eastern States during the early part of the year, there was a good demand for eastern spruce lumber and lath, and quotations rose steadily until the peak appeared to be reached about the first of May. With the passing of winter, transportation conditions improved greatly, and old orders, which in many cases had been held up for several weeks, began to arrive in such volume that the yards and sidings became badly congested, and American buyers did not exhibit the same interest in forward buying as had been the case earlier in the year. This congestion coupled with labor difficulties has produced a condition which has had a depressing effect on the market, and there is not likely to be any speculative buying until these matters have been straightened out.

Late reports show an alarming increase in building costs in the United States, and although the cost of lumber possibly shows the lowest ratio of increase, they sound a warning that may not safely be disregarded. While there may be little likelihood that construction already undertaken will be discontinued, it is a fact that building that had been in prospect is being deferred in the hopes that costs will be reduced later in the year. Laths which are the most susceptible to sudden fluctuation, have already declined considerably in price, although many well informed people expect to see them regain their former price in a short time, as much of the building under construction has not yet reached the stage where lath are used.

That the present year will see continued improvement in the British market, there is every reason to believe. Unemployment is steadily getting better, international complications are not so embarrassing to trade, exchanges are being stabilized, and industrial expansion is creating a market for our spruce, which is reflected

(Continued on page 61)



# CURRENT LUMBER PRICES—WHOLESALE

## TORONTO

### White Pine

(In Car Load Lots, F.O.B. cars Toronto)

1 x 4/7 Good Strips	\$110.00	\$115.00
1 1/4 & 1 1/2 x 4/7 Good Strips	135.00	140.00
1 x 8 and up Good Sides	155.00	165.00
2 x 4/7 Good Strips	135.00	150.00
1 1/4 & 1 1/2 x 8 and wider Good Sides	185.00	190.00
2 x 8 and wider Good Sides	195.00	210.00
1 x 7 & up No. 1, 2 and 3 cuts	87.00	90.00
5/4 and 6/4 No. 1, 2 and 3 cuts	100.00	105.00
2 in. No. 1, 2 and 3 cuts	115.00	120.00
1 x 4 and 5 Mill Run	58.00	60.00
1 x 7, 9 and 11 Mill Run	55.00	60.00
1 x 8 Mill Run	60.00	63.00
1 x 10 Mill Run	60.00	65.00
1 x 12 Mill Run	66.00	70.00
5/4 and 6/4 x 5 and up Mill Run	61.00	62.00
2 x 4 Mill Run	58.00	60.00
2 x 6 Mill Run	58.00	62.00
2 x 8 Mill Run	59.00	63.00
2 x 10 Mill Run	62.00	65.00
2 x 12 Mill Run	67.00	71.00
1 in. Mill Run Shrots	36.00	38.00
1 x 4 and up 6/16 No. 1 Mill Culls	36.00	38.00
1 x 10 6/16 No. 1 Mill Culls	43.00	45.00
1 x 12 6/16 No. 1 Mill Culls	43.00	45.00
1 x 4 and up 6/16 No. 2 Mill Culls	29.00	30.00
1 x 10 12 6/16 No. 2 Mill Culls	33.00	34.00
1 x 4 & up 6/16 No. 3 Mill Culls	17.00	18.00

### Red Pine

(Rough)

(In Car Load Lots, F.O.B. Toronto)

1 x 4 and 5 Mill Run	40.00	42.00
1 x 6 Mill Run	41.00	42.00
1 x 8 Mill Run	44.00	45.00
1 x 10 Mill Run	47.00	49.00
2 x 4 Mill Run	41.00	42.00
2 x 6 Mill Run	42.00	43.00
2 x 8 Mill Run	44.00	45.00
2 x 10 Mill Run	49.00	50.00
2 x 12 Mill Run	50.00	51.00
1 in. Clear and Clear Face	75.00	76.00
2 in. Clear and Clear Face	80.00	82.00

### Jack Pine

Mill Run (mill culls and dead culls out)		
2 x 4	39.00	40.00
2 x 5	40.00	41.00
2 x 6	41.00	42.00
2 x 8	44.00	45.00
2 x 10	46.00	48.00
1 x 4 and wider	37.00	39.00
Mill Culls and Sound Wormy		
1 x 4 & wider	32.00	33.00
2 x 4 & wider	33.00	34.00

### (Spruce Rough and Dressed)

Mill Run (mill culls and dead culls out)		
1 x 4, and 5	40.00	42.00
1 x 6	42.00	44.00
1 x 8	45.00	47.00
1 x 10	47.00	49.00
1 x 12	50.00	51.00
2 x 4	38.00	41.00
2 x 6	41.00	43.00
2 x 8	43.00	45.00
2 x 10	47.00	50.00
2 x 12	50.00	52.00

### Mill Culls

1 x 4 and up No. 1	32.00	33.00
2 x 4 and up No. 1	33.00	34.00

### Hemlock (M R)

(In Car Load Lots, F.O.B. Toronto)

1 x 4 and 5, 9 to 16 ft.	31.00	32.00
1 x 6, 9 to 16 ft.	36.00	38.00
1 x 7, 9 and 11, 9 to 16 ft.	37.00	38.00
1 x 8, 9 to 16 ft.	38.00	41.00
1 x 10 and 12, 9 to 16 ft.	40.00	42.00
2 x 6, 8 to 16 ft.	38.00	40.00
2 x 4, 8, 10 and 12	38.00	40.00
2 x 4 to 12, 18 ft.	45.00	46.00
2 x 4 to 12, 20 ft.	46.00	47.00
1 in. No. 2, 6 to 16 ft.	26.00	28.00
2 in. No. 2, 6 to 16 ft.	30.00	32.00

### Fir Flooring

(In Car Load Lots, F.O.B. Toronto)

Fir flooring, 1 x 3 in. No. 2 and better, edge grain	\$ 78.00	
Fir flooring, 1 x 4 in. No. 2 and better, edge grain	75.00	
Fir flooring, 1 x 3 in. No. 2 and better, flat grain	59.00	
Fir flooring, 1 x 4 in. No. 2 and better, flat grain	62.00	
1 x 4 to 12 in. No. 2 and better, clear fir, Rough	\$84.50	

1 1/4 x 4 to 12 in. No. 2 and better, clear fir, rough	90.50
2 x 4 to 12 in. No. 2 and better, clear fir, rough	86.50
3 x 4 to 12 in. No. 2 and better, clear fir, rough	94.50
1 x 4, 5 and 6 in. fir casing	81.75
1 x 8 and 10 in. fir base	86.25
1/2 x 6, 8 to 18 ft. No. 1 and 2 clear cedar bevel siding	53.00
1 1/4 and 1 1/2 8, 10 and 12 in. E. G. Stepping	97.25
1 1/4 and 1 1/2 8, 10 and 12 in. E. G. Stepping	87.25
1 x 4 to 12 in. clear fir dressed 4 sides	80.25
1 1/4 and 1 1/2 x 4 to 12 in. clear fir D4S	84.00
XX Shingles, 6 butts to 2 in. per M	3.70
XXX Shingles, 6 butts to 2 in. per M	5.35
XXXXX Shingles, 5 butts to 2 in. per M	6.05

### Lath

(F.O.B. Mill)

No. 1 White Pine	\$ 11.50	\$ 12.50
No. 2 White Pine	10.50	11.00
No. 3 White Pine	9.00	9.50
Mill Run White Pine, 32 in.	5.00	
Merchantable Spruce Lath, (Ontario)	6.50	7.00

## TORONTO HARDWOOD PRICES

The prices given below are for car loads f.o.b. Toronto, from wholesalers to retailers, and are based on a good percentage of long lengths and good widths, without any wide stock having been sorted out.

### Ash, White

(Dry weight 3,800 lbs. per M. ft.)

	1s & 2s	No. 1	No. 2
1"	\$115.00	65.00	40.00
1 1/4 and 1 1/2"	120.00	70.00	45.00
2 1/2 and 3"	125.00	75.00	50.00
4"	130.00	80.00	55.00

### Ash, Brown

1"	100.00	60.00	35.00
1 1/4 and 1 1/2"	110.00	65.00	40.00
2"	120.00	75.00	45.00

### Birch

(Dry weight 4,000 lbs. per M. ft.)

	1s & 2s	Sels.	No. 1	No. 2
4/4	\$115.00	\$ 70.00	\$ 50.00	\$ 30.00
5/4	120.00	75.00	52.00	32.00
6/4	120.00	75.00	52.00	32.00
8/4	125.00	80.00	60.00	37.00
12/4	135.00	90.00	65.00	40.00
16/4	135.00	90.00	65.00	40.00

### Basswood

(Dry weight 2,500 lbs. per M. ft.)

	1s & 2s	No. 1	No. 2
4/4	\$ 90.00	\$ 55.00	\$ 35.00
5/4 and 6/4	95.00	60.00	40.00
8/4	100.00	70.00	45.00

### Chestnut

(Dry weight 2,800 lbs. per M. ft.)

	1s & 2s	No. 1	Sound
1"	\$140.00	\$ 95.00	\$ 40.00
1 1/4 to 1 1/2"	155.00	105.00	43.00
2"	160.00	115.00	45.00

### Maple, Hard

(Dry weight 4,000 lbs. per M. ft.)

	F.A.S.	Sels.	No. 1	No. 2
4/4	\$ 90.00	\$ 70.00	\$ 50.00	\$ 30.00
5/4	95.00	75.00	55.00	32.00
6/4	95.00	75.00	55.00	32.00
8/4	100.00	80.00	60.00	35.00
12/4	110.00	90.00	70.00	40.00
16/4	110.00	90.00	70.00	40.00

### Elm, Soft

(Dry weight 3,000 lbs. per M. ft.)

	1s & 2s	No. 1	No. 2
4/4	\$ 85.00	\$ 55.00	\$ 30.00
8/4	85.00	55.00	30.00
12/4	120.00	90.00	50.00

Gum, Red  
(Dry weight 3,300 lbs. per M. ft.)

	Plain	No. 1	Quartered—	No. 1
	1s & 2s	Com.	1s & 2s	Com.
1"	\$115.00	\$ 70.00	\$115.00	\$ 75.00
1 1/4"	120.00	75.00	120.00	80.00
1 1/2"	125.00	80.00	120.00	80.00
2"	130.00	85.00	125.00	85.00

### Gum, Sap

	1s & 2s	No. 1	Com.
1"	\$ 65.00	\$ 55.00	
1 1/4 and 1 1/2"	73.00	63.00	
2"	83.00	73.00	

### Hickory

(Dry weight 4,500 lbs. per M. ft.)

	1s & 2s	No. 1	Com.
1"	\$125.00	\$70.00	
1 1/4"	145.00	70.00	
1 1/2"	145.00	75.00	
2"	150.00	80.00	

### Quarter Cut Red Oak

	1s & 2s	No. 1	Com.
4/4	\$145.00	\$ 85.00	
5/4 and 6/4	155.00	90.00	
8/4	170.00	95.00	

### Plain White and Red Oak

(Plain sawed. Dry weight 4,000 lbs. per M. ft.)

	1s & 2s	No. 1	Com.
4/4	135.00	90.00	
5/4 and 6/4	150.00	95.00	
8/4	160.00	100.00	
10/4	170.00	105.00	
12/4	170.00	110.00	
16/4	185.00	115.00	

### White Oak, Quarter Cut

(Dry weight 4,000 lbs. per M. ft.)

	1s & 2s	No. 1	Com.
4/4	\$165.00	\$ 95.00	
5/4 and 6/4	175.00	105.00	
8/4	180.00	110.00	

## OTTAWA

Manufacturers' Prices  
Pine

Good sidings:		
1 in. x 7 in. and up		\$140.00
1 1/4 in. and 1 1/2 in. 8 in. and up		170.00
2 in. x 7 in. and up		175.00
No. 2 cuts 2 x 8 in. and up	90.00	95.00
Good strips:		
1 in.		110.00
1 1/4 in. and 1 1/2		135.00
2 in.		145.00
Good shorts:		
1 in. x 7 in. and up		100.00
1 in. 4 in. to 6 in.		85.00
1 1/4 in. and 1 1/2 in.		140.00
2 in.		145.00
7 in. to 9 in. A sidings	54.00	56.00
No. 1 dressing sidings	75.00	80.00
No. 1 dressing strips		65.00
No. 1 dressing shorts	55.00	60.00
1 in. x 4 in. s.c. strips		52.00
1 in. x 5 in. s.c. strips		50.00
1 in. x 6 in. s.c. strips		55.00
1 in. x 7 in. s.c. strips		54.00
1 in. x 8 in. s.c. strips, 12 to 16 ft.		56.00
1 in. x 10 in. M.R.		62.00
S.C. sidings, 1 1/2 and 2 in.		65.00
S.C. strips 1 in.	48.00	50.00
1 1/4, 1 1/2 and 2 in.		58.00
S.C. shorts, 1 x 4 to 6 in.		40.00
S.C. and bet., shorts 1 x 5		43.00
S.C. and bet., shorts 1 x 6		45.00
S.C. shorts, 6-11 ft., 1 x 10 in.		50.00
Box boards:		
1 in. x 4 in. and up, 6-11 ft.		35.00
1 in. x 3 in. and up 12-16 ft.		39.00
Mill cull shorts, 1 in. x 4 in. and		
x 4 in. and up, 12 ft. and up		30.00
Mill culls, strips and sidings, 1		
in. up, 6 ft. to 11 ft.		30.00
O. culls r and w p	23.00	24.00

### Red Pine, Log Run

Mill Culls out, 1 in.	38.00	40.00
Mill Culls out, 1 1/4 in.	38.00	40.00
Mill Culls out, 1 1/2 in.	38.00	40.00
Mill Culls out, 2 in.	38.00	40.00

### Mill Run Spruce

1 in x 4 in. and up, 6 ft. to 11 ft.	30.00	35.00
1 in. x 4 in. and up, 12 ft. to 16 ft	38.00	40.00
No. 1 White Pine, 1 1/4 in. x 4 ft.		12.00



# CURRENT LUMBER PRICES—WHOLESALE

1" x 9"-10" and up, 12 ft.-16 ft. ..	43.00
1 1/4" x 7, 8 and 9" up, 12 ft.-16 ft.	40.00
1 1/4" x 10 and up, 12 ft.-16 ft. ....	43.00 47.00
1 1/2" x 12" x 12" and up, 12'-16'	50.00
Spruce, 1 in. clear fine dressing	
and B .....	65.00
Hemlock, 1 in. cull .....	22.00
Hemlock, 1 in. log run .....	24.00 28.00
Hemlock, 2 x 4, 6, 8, 10 12/16 ft.	30.00
Tamarac .....	25.00 28.00
Basswood, log run, dead culls out	45.00 50.00
Basswood, log run, mill culls out	50.00 54.00
Birch, log run .....	60.00 65.00
Soft Elm, common and better,	
1, 1 1/2, 2 in. ....	58.00 68.00
Ash, black, log run .....	62.00 65.00
1 x 10 No. 1 barn .....	57.00 62.00
1 x 10 No. 2 barn .....	51.00 56.00
1 x 8 and 9 No. 2 barn .....	47.00 52.00

## Lath per M.:

No. 1 White Pine, 1 1/4 in. x 4 ft. ....	12.00
No. 2 White Pine .....	11.00
Mill Run White Pine .....	10.00 11.00
Spruce, mill run, 1 1/2 in. ....	10.00
Red Pine, mill run .....	10.00
Hemlock, mill run .....	7.00

## White Cedar Shingles

XXXX, 18 in. ....	7.00
Clear butt 18 in. ....	6.00
18 in. XX .....	4.00

## QUEBEC

### White Pine (At Quebec)

	Cts.	Per Cubic Ft.
First class Ottawa waney, 18 in.		
average according to lineal ..	100	110
19 in. and up average .....	110	120

### Spruce Deals (At Mill)

3 in. unsorted, Quebec, 4 in. to 6		
in. wide .....	\$27.00	\$30.00
3 in. unsorted, Quebec, 7 in. to 8		
in. wide .....	30.00	32.00
3 in. unsorted, Quebec, 9 in. wide	35.00	40.00

### Oak (At Quebec)

	Cts.	Per Cubic Ft.
According to average and quality,		
55 ft. cube .....	115	125

### Elm (At Quebec)

According to average and quality,		
40 to 45 ft. cube .....	130	140
According to average and quality,		
30 to 35 ft. ....	100	125

### Export Birch Planks (At Mill)

1 to 4 in thick, per M. ft. ....	\$35.00	\$40.00
----------------------------------	---------	---------

## ST. JOHN, N.B.

### (From Yards and Mills—Wholesale) Rough Lumber

2x3, 2x4, 3x3, 3x4, Rgh. Merch. Spr.	\$29.00
2x3, 2x4, 3x3, 3x4, Dressed 1 edge ..	30.00
2x6, 2x7, .....	32.00
4x4, 4x6, all rough .....	30.00
2x8, 3x7, 5x5, 6x6. ....	38.00
2x9, 3x8, 6x8, 7x7, .....	40.00
2x10, 3x9, .....	38.00
2x12 and up .....	45.00
Merch. Spr. Bds. Rough, 1x3-4&5	30.00
Merch., Spr. Bds. Rough, 1x7 & up	45.00
Refuse Bds. Deals and Setgs. ....	20.00
Above Random lengths up to 18-0 long.	
Lengths 19-0 and up \$5.00 extra per M.	
Laths, \$6.50	

### Shingles

	Per M.
Cedar, Extras .....	\$6.25
Cedar, Clears .....	5.25
Cedar, 2nd Clears .....	4.25
Cedar, Extra No. 1 .....	2.75
Spruce .....	3.50

## SARNIA, ONT.

### White Pine—Fine, Com. and Better

1 x 6 and 8 in. ....	\$125.00
1 in. 8 in. and up wide .....	145.00
1 1/4 and 1 1/2 in. and up wide .....	185.00
2 in. and up wide .....	185.00

### Cuts and Better

4/4 x 8 and up No. 1 and better ....	140.00
5/4 and 6/4 and up No. 1 and better	156.00
8/4 and 8 and up No. 1 and better ..	156.00

### No. 1 Cuts

1 in. 8 in. and up wide .....	125.00
1 1/4 in. 8 in. and up wide .....	130.00
1 1/2 in. 8 in. and up wide .....	130.00
2 in. 8 in. and up wide .....	135.00
2 1/2 in. and 3 in. 8 in. and up wide..	180.00
4 in. 8 in. and up wide .....	190.00

### No. 1 Barn

1 in., 10 to 16 ft. long .....	\$ 75.00 \$ 85.00
1 1/4, 1 1/2 and 2 in., 10/16 ft. ....	80.00 85.00
2 1/2 to 3 in., 10/16 ft. ....	85.00 100.00

### No. 2 Barn

1 in., 10 to 16 ft. long .....	65.00 75.00
1 1/4, 1 1/2 and 2 in., 10/16 ft. ....	66.00
2 1/2, 1 1/2 and 3 in. ....	85.00

### No. 3 Barn

1 in., 10 to 16 ft. long .....	48.00 55.00
1 1/4, 1 1/2 and 2 in., 10/16 ft. ....	50.00 56.00

### Box

1, 1 1/4 and 1 1/2 in., 10/16 ft. ....	40.00 45.00
--	-------------

### Mill Culls

Mill Run Culls—	
1 in. 4 in. and up wide, 6/16 ft.	31.00
1 1/4, 1 1/2 and 2 in. ....	32.00

## BUFFALO and TONAWANDA

### White Pine Wholesale Selling Price

Uppers, 4/4 .....	\$225.00
Uppers, 5/4 to 8/4 .....	225.00
Uppers, 10/4 to 12/4 .....	250.00
Selects, 4/4 .....	200.00
Selects, 5/4 to 8/4 .....	200.00
Selects, 10/4 to 12/4 .....	225.00
Fine Common, 4/4 .....	165.00
Fine Common, 5/4 .....	180.00
Fine Common, 6/4 .....	180.00
Fine Common, 8/4 .....	180.00
No. 1 Cuts, 4/4 .....	130.00
No. 1 Cuts, 5/4 .....	140.00
No. 1 Cuts, 6/4 .....	150.00
No. 1 Cuts, 8/4 .....	160.00
No. 2 Cuts, 4/4 .....	77.00
No. 2 Cuts, 5/4 .....	107.00
No. 2 Cuts, 6/4 .....	107.00
No. 2 Cuts, 8/4 .....	122.00
No. 3 Cuts, 5/4 .....	65.00
No. 3 Cuts, 6/4 .....	75.00
No. 3 Cuts, 8/4 .....	75.00
Dressing 4/4 .....	85.00
Dressing, 4/4 x 10 .....	88.00
Dressing, 4/4 x 12 .....	105.00
No. 1 Moulding, 5/4 .....	155.00
No. 1 Moulding 6/4 .....	155.00
No. 1 Moulding 8/4 .....	160.00
No. 2 Moulding, 5/4 .....	125.00
No. 2 Moulding, 6/4 .....	125.00
No. 2 Moulding, 8/4 .....	130.00
No. 1 Barn, 1 x 12 .....	95.00
No. 1 Barn, 1 x 6 and 8 .....	77.00
No. 1 Barn, 1 x 10 .....	85.00
No. 2 Barn, 1 x 6 and 8 .....	65.00
No. 2 Barn, 1 x 10 .....	66.00
No. 2 Barn, 1 x 12 .....	79.00
No. 3 Barn, 1 x 6 and 8 .....	52.00
No. 3 Barn, 1 x 10 .....	54.00
No. 3 Barn, 1 x 12 .....	57.00
No. 1 Box 1 x 6 and 8 .....	45.00
No. 1 Box 1 x 10 .....	46.00
No. 1 Box 1 x 12 .....	48.00
No. 1 Box 1 x 13 and up .....	49.00

## BUFFALO

The following quotations on hardwoods represent the jobber buying price at Buffalo and Tonawanda.

### Sap Birch

1 in .....	\$ 90.00 \$ 55.00 \$ 32.00
5/4 and up .....	100.00 58.00 32.00

## Maple

	1s & 2s	No. 1 Com.	No. 2 Com.
1 in. ....	\$ 95.00	\$ 58.00	\$ 32.00
5/4 to 8/4 .....	105.00	63.00	35.00
10/4 to 4 in. ....	110.00	70.00	35.00

## Soft Elm

1 in. ....	70.00	45.00	30.00
5/4 to 2 in. ....	75.00	50.00	30.00

## Red Birch

1 in. ....	120.00	75.00	
5/4 and up .....	125.00	80.00	

## Basswood

1 in. ....	\$ 80.00	\$ 52.00	\$ 32.00
5/4 to 2 in. ....	88.00	58.00	32.00

## Plain Oak

1 in. ....	105.00	65.00	35.00
5/4 to 2 in. ....	115.00	70.00	38.00

## White Ash

1 in. ....	95.00	60.00	35.00
5/4 to 2 in. ....	105.00	70.00	35.00
10/4 and up .....	120.00	95.00	35.00

## BOSTON

Quotations given below are for highest grades of Michigan and Canadian White Pine and Eastern Canadian Spruce as required in the New England market in car loads.

White Pine Uppers, 1 in. ....	\$232.00
White Pine Uppers, 1 1/4, 1 1/2, 2 in. ..	232.00
White Pine Uppers, 1 1/4, 1 1/2, 2 in. ..	255.00
Selects, 1 in. ....	207.00
Selects, 1 1/4, 2 in. ....	207.00
Selects, 2 1/2, 3 in. ....	232.00
Fine Common, 1 in. 20% 12 in. and up	188.00
Fine Common, 1 x 8 and up .....	188.00
Fine Common, 1 1/4 to 2 in. ....	193.00
Fine Common, 2 1/2 to 3 in. ....	233.00
Fine Common, 4 in. ....	258.00
1 in. Shaky Clear .....	120.00
1 1/4 in. to 2 in. Shaky Clear .....	130.00
1 in. No. 2 Dressing .....	90.00
1 1/4 in. to 2 in. No. 2 Dressing .....	100.00
No. 1 Cuts 1 in. ....	148.00
No. 1 Cuts, 1 1/4 to 2 in. ....	163.00
No. 1 Cuts, 2 1/2 to 3 in. ....	193.00
No. 2 Cuts, 1 in. ....	95.00
No. 2 Cuts, 1 1/4 to 2 in. ....	135.00
Barn Boards, No. 1, 1 x 12 .....	108.00
Barn Boards, No. 1, 1 x 10 .....	96.00
Barn Boards, No. 1, 1 x 8 .....	95.00
Barn Boards, No. 2, 1 x 12 .....	81.00
Barn Boards, No. 2, 1 x 8 .....	75.00
Barn Boards, No. 2, 1 x 10 .....	76.00
Barn Boards, No. 3, 1 x 12 .....	60.00
Barn Boards, No. 3, 1 x 10 .....	60.00
Barn Boards, No. 3 1 x 8 .....	58.00

## No. 1 Clear

Can. Spruce, No. 1 and clear, 1 x 4 to 9"	\$85.00
Can. Spruce, 1 x 10 in. ....	88.00 90.00
Can. Spruce, No. 1, 1 x 4 to 7 in. .	86.00 87.00
Can. Spruce, No. 1, 1 x 8 and 9 in.	88.00 92.00
Can. Spruce, No. 1, 1 x 10 in. ....	90.00 92.00
Can. Spruce, No. 2, 1 x 4 and 5 in.	40.00 44.00
Can. Spruce, No. 2 1 x 6 and 7 in.	42.00 44.00
Can. Spruce, No. 2, 1 x 8 and 9 in.	45.00 47.00
Can. Spruce, No. 2, 1 x 10 in. ....	46.00 50.00
Can. Spruce, No. 2, 1 x 12 in. ..	48.00 52.00

## Spruce Dimension

8" & under 20' & under	\$48.00 to \$50.00 base
9" & under 20' & under	49.00 to 51.00
10" & under 20' & under	50.00 to 52.00
12" & under 20' & under	54.00

## Merchantable Spruce

2 x 3, 4, 6 and 7 random ....	\$38.00 to \$42.00
2 x 8 and 9 random .....	46.00 to 50.00
2 x 10 random .....	48.00 to 52.00
2 x 12 random .....	50.00 to 52.00
All other random lengths, 7 in. and	
under 8 ft. and up .....	40.00 43.00
5 in. and up merchantable boards,	
8 ft. and up, D 1s .....	38.00 40.00
1 x 2 .....	40.00 42.00
1 x 3 .....	38.00 40.00
1 1/2 in. Spruce Lath .....	9.00 9.50
1 1/2 in Spruce Lath .....	8.00 9.00
Hemlock Boards P 1s No. 1	
Clipped Lengths .....	40.00
Hemlock Boards, P 1s No. 1	
Random Lengths .....	38.00





View of Mills in Sarnia

## ***“On Time” Delivery***

Getting the goods delivered ON TIME is just as important as being able to produce them—and we make a specialty of both. Ask any retailer or woodworking establishment who has been using our A 1 NORWAY or WHITE PINE LUMBER.

We also make a specialty of heavy timbers, cut to order any length up to 60 feet from Pine or B.C. Fir. Quotations will be gladly forwarded upon request.

***“Rush Orders Rushed”***

# **Cleveland-Sarnia Sawmills Co., Limited**

**SARNIA, ONTARIO**

B. P. BOLE, Pres.   F. H. GOFF, Vice-Pres.   E. C. BARRE, Gen. Mgr.   W. A. SAURWEIN, Ass't. Mgr.



## Lumber Trade Conditions

(Continued from page 57)

in greater demand and consequently better prices. Freight rates are still admittedly too high, but competition from European timber producers does not appear so serious as in former years.

Recent inquiries from the West Indies have exposed the fact that there is practically no cured lumber available for that market. This is an unusual condition, as ordinarily many of the exporters engaged in that trade carry over pine and spruce suitable for that trade from the preceding year. Indications are that there will be a fair trade available during the year, and that as soon as the lumber is in shipping shape, a ready market will be found at satisfactory prices.

The demand locally for various kinds of lumber promised to be greatly in excess of any recent year. The cut on account of adverse weather conditions during the past winter will be considerably below normal, and there are those who forecast an actual scarcity of desirable specifications before the next cut is available.

Conditions have been very favorable for driving during the spring, and practically all the summer cuts are now in safe waters, and most mills have begun sawing.

### St. John Has Some Changes in Price and Demand

The market reports from St. John show some marked changes in prices since the last edition. Some of the changes may be attributed to the American market being easier, and the English market stronger.

2 x 3, 2 x 4, 3 x 4 spruce shows a falling off and is quoted at \$29.00. 2 x 3, 2 x 4 and 3 x 4 dressed on one edge is \$30.00. Sizes 2 x 6 and 2 x 7 are priced at \$30.00, while 2 x 10 and 3 x 9 are \$38.00. Merchantable spruce boards rough 1 x 3 and 4 x 5 remain at \$30.00, but 1 x 7 and up have advanced from \$40.00 to \$45.00.

There has been a falling off in the demand for laths and the gure has dropped to \$6.50. Quotations on all kinds of shingles have advanced. This is attributed to the fact that all of last year's manufacture has been disposed of and higher values prevail for the new cut.

Shipments to the United States market have become easier, which is said to be due to the retailers there buying heavily during the first of the year and in many cases being fully stocked. While the market is undoubtedly a trifle easier there are no signs of weakening. On the other hand reports indicate that the British demand has become stronger, thus offsetting the easing up of the United States situation.

From abnormal shipments of laths the situation has taken a turn and in Boston and the New England States the demand has fallen off. A recent settlement of the wage question in Boston has been responsible for steadying and stimulating the lumber market.

From recent reports received spruce logs were said to be selling at from \$22 to \$25 per thousand feet at Springhill. These prices, for what are known as bank logs, are said to be near the highest level ever reached on the river and are an indication of the prosperous condition in the lumber arena.

Transportation difficulties have figured quite prominently in the lumber situation here. The railroad service is still handicapped as a result of the recent torrential rains and subsequent floods, which caused considerable damage to the roadbeds and although temporary repairs have been made transportation of freight has slowed down.

Although the demand for shingles quite recently has been rather quiet the price remains firm and it seems assured that there will be a ready market for the new cut.

### Ottawa Reports Slowing up in Lumber Sales

The Ottawa lumber market, during the closing period of May, experienced a further decline, so far as the volume of sales, and new orders were concerned. Trading with the United States yards which began to fall off during the latter part of April, intensified, with the result that May business with the American yards could easily be classified as poor.

The drop in American demand, was attributed largely to threatened strikes in the building trades of the U. S.; the abnormally large wages now being paid to skilled labor; and the unexpected lifting of railroad embargoes which permitted Canadian shipments held up for a long time, to get to their destination, and so restock American yards.

What the real cause of the depression is, nobody seemed to know definitely. Several stated to the correspondent of the "Canada Lumberman" that they felt there was perhaps an even chance for

the slack-up in orders to blow over, and held out hopes that good business would renew itself about the latter part of June; or early in July. In holding this view, members of the trade also looked on the other side of the prospective market and saw where it could get considerably worse.

Notwithstanding the slackening of orders, prices remained firm. The getting of further American yard orders was the chief concern. Local companies continued to work on old orders and send out shipments delivering stock on orders placed months ago.

With the renewal of navigation, stocks of a standard size for the English market went forward from Ottawa district ports. Little change was noted in the volume of business or the stocks transported as compared with other years. Contrary to some expectations the drop in ocean freight rates which a year ago was 100 shillings per standard, did not result in increased business.

Most of the sawmills got under operation during the period, and high water conditions at the Chaudiere gave promise of a good supply of early season logs coming down from the headwaters. A survey of the operations of logging companies showed that the lateness of the spring had tied up the annual drive considerably.

Labor conditions with some of the logging companies were said to be poor so far as the spring drive is concerned. Reports were to the effect that many of the skilled hands had quit camp and had gone to the United States, with the prospect of securing higher wages, working as unskilled labor, under prospective better conditions.

"There are very few of the old men left for the drive. This year we are shorter, than ever, and we will have to commence our drive with practically an 80 per cent new crew made up largely of green river drivers," was the reluctant statement made by the woods manager of one of the largest lumber companies in the Ottawa Valley.

Conditions at the woodworking and factory end remained slow. The lateness of the approach of the summer season set new building back from three to four weeks, and consequently kept down the demand for factory products. Many projects, which were contemplated in March and April, have been postponed for another year, the owners taking the view that the cost of building materials, lumber especially, was excessive.

Labor conditions in woodworking plants and factories continued to remain satisfactory, though the heads of the plants did not make any decision respecting the demand for higher wages, which was some time ago presented to them by the members of the Woodworkers Union.

### Ontario Trade Slackens Somewhat in Orders

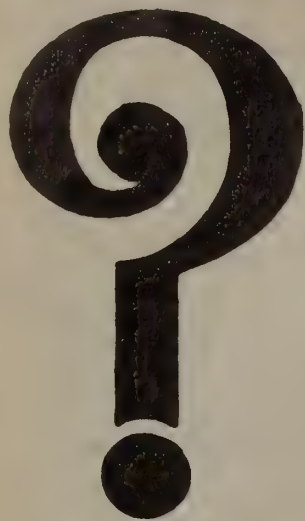
During the month of May conditions slowed down considerably in the lumber business and the number of inquiries were not as large. Buyers were adopting a more cautious attitude, the advance in prices ceased and the demand from the United States consuming centres fell off appreciably. In some respects this is welcomed as having a tendency to counteract the hitherto upward trend of prices, as if conditions had gone on as they have been for some weeks, there was every danger of a runaway market. One wholesale lumberman described the present situation as "a detour" and said the main road would be struck again in a comparatively short time and everything would proceed along safe and sane lines.

Dry stocks are scarce, both in hardwood and soft-wood, and at most shipping points the footage on hand is much less than at this season last year. Practically all sawmills are now operating and a scarcity of help is reported at some points, particularly in the way of sawyers, filers, edgermen, etc. A number of these have been attracted by the high wages paid for skilled men across the border. The situation has also not been improved any by reason of the large number of sawmills operating this season which were not in commission last summer. There is no denying that most plants have been very late in getting under way but it is expected that the cut will be heavier at the majority of points than last year owing to the fact that the supply of logs will be greater and more mills will run night and day, a condition which has been unknown in some lumber towns for many years.

Production is, however, the watchword just now and it is believed that 1923 is going to be one of steady demand and satisfactory prices in spite of the cross-currents in the way of demands of labor, alleged buyers' strike, speculation, sales tax increase and other perplexities. The lumbermen, however, are always willing to take a chance and are of the opinion that everything will round into satisfactory shape.

Building operations are going on progressively in Canada and there are very few serious labor troubles. Conditions are essentially sound and prospects good as the crops are promising. Buyers, however, refuse to be stampeded into heavy purchasing even although there has been a constant trend towards higher price levels. As one





## The Question of Provisions

for camp and boarding house is again coming to the fore, and many customers of long standing are getting in touch with us. Probably nothing else testifies to the quality of our service so clearly as the return, year after year, of many of the largest companies operating in Canada.

We offer the finest provisions at particularly attractive prices. Let us quote on **your** requirements.

### H. P. ECKARDT & CO.

*Wholesale Grocers*

Church Street and Esplanade, Toronto



## DUNLOP BELTING AND HOSE

for the  
**Lumbering Industry**

"GIBRALTAR REDSPECIAL"—the high-grade Transmission Belting for all Drives.

"FIRE HOSE"—a necessity where the Fire risk is high. "Dunlop" Brands afford adequate and efficient protection.

**DUNLOP**

Belting, Hose, Packing and General Mechanical Rubber Products for Every Purpose



speaker recently put it, there appears to be a general feeling that commodity markets are arriving at the point where the public will commence to hesitate about acquiring those things that are not absolute necessities.

Owing to stiffer prices in certain grades of hardwoods, flooring recently took a jump from \$5 to \$15 per M. The advance did not apply to all grades but is regarded as a sort of evening-up process. Manufacturers report that the month of May was a very much busier one for flooring than April.

Large quantities of railway ties are being shipped to different points along the various roads and to the creosoting plants at Trenton, Sudbury and other places. The call for ties is a heavy one and contracts have been filled by the purchasing concerns in an expeditious manner.

There are two features in the lumber trade which have to be considered very thoroughly. They are factors which no one can exactly determine as all prophecies would fail if attempting to gauge results accurately. The new sales tax of six per cent, which will come into effect on January 1st, will add considerably to the ultimate price of forest products, being double the sales tax which is collected this year. Then again there is the advent of the new cut next month. Admittedly stocks in certain sizes and dimensions are now scarce, but how will quotations be affected when orders can be filled immediately from the producing centres?

Will enlarged stocks and higher prices, by reason of the sales tax, cause a halt in the upward trend of prices, requisitions and distribution? Any discussion on this line, while of a speculative character, is highly interesting as it is in the future the trade is concerned rather than the present. They know what is taking place now but the question arises what will transpire—say two or three months ahead?

Retailers generally are not doing the business this spring which they fully expected to do and are not buying very freely at the present time. This is attributed to the fact that speculative building is dropping off in the larger centres and the increased cost of construction is causing a number of "prospects" to hesitate.

A leading contractor stated the other day that a house which he could build and sell last year for \$10,000, was this spring, owing to the advance in labor, glass, hardware and other costs, commanding \$11,000 and the profit on the sale would not be as great proportionately. Another contractor stated that house-building was being overdone and construction had pretty nearly caught up with the demand. A wholesale lumberman blamed the millmen for asking too much for their season's cut and said that the figures were out of all proportion to the advance in the cost of production. There had, he added, been a lot of talk about a scarcity of dry lumber until it became a settled conviction in the mind of all that lumber was almost a vanished product and then advantage had been taken of the delusion to boost prices. He believed that the present temporary lull was a mighty good balance wheel and would serve to steady business during the remainder of the journey for 1923.

It is interesting to hear the varied opinions on the subject of lumber prices and demand, no two individuals taking exactly the same outlook. However, there are very few pessimists, and all speak with a quiet confidence and sound belief that everything will come out well in the end.

### Quebec Sawmills are Now in Full Swing

The Quebec lumber mills, which have sold practically all their stocks of manufactured lumber to local interests and to the United States market, are ready for operations on their 1923 cut, and by June 1st will be in full swing. Owing to the ease in the car situation during the latter part of April and May, the Quebec firms have been shipping daily the product sold during the last fall and winter to their American customers and the same applies to the export of pulpwood to the United States mills. In the meantime, the demand for manufactured lumber still continues from the United States and the Quebec firms have their books well filled with orders for deliveries during the summer.

The boom in the building trade in the United States in which there seems no let-up, is sending the prices of lumber up in the United States to abnormal figures. Building activity is also having the effect of attracting over the border a large exodus of experienced mechanics to the detriment of the Canadian trade. These abnormal conditions in the United States, with the consequent inflation in the price of lumber and other material, as well as in labor, are not expected to last. Economists, studying the situation, look for a reaction within the next few months which all interests concerned in Canada are preparing to meet.

The St. Pacome Lumber Co., of which W. Gerard Power is president, (and altogether a separate business entirely from the firm of W. & J. Sharples, Limited), is doing a thriving export business

with the United States. In connection with this company, Mr. Power is also the president of an American lumber importing company in the United States with head offices in the city of New York, managed by one of the latter members of the firm, R. E. Stocking. In addition to these interests and to meet the ever-increasing demand from the American markets, Mr. Power has promoted another lumber company, the Bridgewater Lumber Co., which has acquired a parcel of land at Cap Rouge in close vicinity to the Quebec bridge, on which a large lumber mill will be erected to saw and dress lumber for the American market. This new concern was incorporated by letters patent at the end of April, the machinery was ordered and the mill building is now in the course of erection.

The object in locating the Bridgewater Company's mill on the heights of Cap Rouge in close vicinity to the Quebec bridge, is to meet the emergencies of shipment. The logs will be brought in by the Intercolonial and Transcontinental Railways connecting with the base of supply, from the timber limits, where logging operations are carried on during the winter, and over the Quebec bridge right to the new mill. When the wood is sawn and dressed, it can be shipped west or over the bridge to connect with all American transportation arteries.

Associated with Mr. Power in this new enterprise are several young men reputed to be live-wire fellows, who have every prospect of meeting with success.

The building boom, which was inaugurated last year in the city and district of Quebec, still continues, and judging from the number and value of contracts awarded, the Quebec building trade is destined to have a busy season. The only drawback is the shortage of experienced tradesmen and skilled labor in general, a situation which the labor unions are likely to take advantage of to demand higher wages.

### How West Coast Business is Coming On

Speaking of West Coast conditions, a leading eastern representative of the B.C. mills stated that stability is the predominating note in the Pacific province market to-day. The upward movement of lumber prices has definitely come to a halt. There is, however, sufficient business on the books and enough new business in sight to warrant the market holding reasonably firm throughout the summer.

With several markets to draw on, the British Columbia lumber manufacturer is not losing any sleep about getting the business. His problem now is largely one of keeping down costs. Labor, which so largely determines the mill value of forest products, has lately been very restless and has demanded high wages; especially has this been the case of the Washington and Oregon mills where the I.W.W. flourishes.

Cargo business remains heavy. Atlantic Seaboard business has fallen off slightly, but this has been promptly made up by California buying very heavy quantities of West Coast stock. In the foreign countries Japan is the leading buyer. No particular market, however, can be picked out to indicate conditions with the West Coast mills, as their abnormal activity is largely concerned in keeping pace with the combined demand of all markets.

"We find many Ontario retailers afraid of the market. Business with the retail lumbermen in Eastern Canada has yet to improve considerably before it can be called good. This, together with the fact that there is always the odd tramp car selling at ruinous prices, has served to weaken confidence in the lumber market. The merchant, however, who expects lower prices within the near future, or possibly this summer, is likely to be disappointed, as the influences, which are effecting the market trend, are wide-spread and are not confined to any particular locality," he concluded.

### Montreal Lumber Trade is Proceeding Cautiously

In the Montreal market report of May 1st, it was suggested that the abnormally high building costs in the United States and the increasing demands of workmen might result in the abandonment of many building schemes in that country. This, it was pointed out, would adversely affect the Canadian lumber trade, the recent activity in which was principally due to orders from across the border.

Advices from New York state that a check has been made in building, that projects running into millions have been either abandoned or postponed, and there are likely to be further cancellations unless wages come down to a reasonable basis. Labour is receiving the highest wages on record, the ruling rates being \$14.00 to \$16.00 per day, with some sections receiving \$25.00 per day. Notwithstanding these exorbitant rates, there are threats of labour trouble by dissatisfied workmen.

A representative of a wholesale lumber firm who has just returned from a visit to the New England States, found considerable



**CLIMAX GEARED LOCOMOTIVES**

ARE BUILT FROM 12 TO 90 TONS



Get  
Catalogue  
"K"

CLIMAX MANUFACTURING Co., CORRY, PA.  
CLIMAX LOCOMOTIVE CO., 67 COLUMBIA ST., SEATTLE, WASH.  
VANCOUVER MACHINERY DEPOT, LTD., VANCOUVER, B.C.

## The Otis Staples Lumber Co., Ltd.

Wycliffe, B. C.

### Larch and Fir

Dimension

Clears

Boards

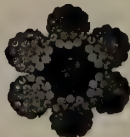
Crating

Shiplap

Box Lumber

Edge grain larch flooring a Specialty

## WIRE ROPE



"We have the Right Rope for every purpose"

The contributing factors in making good Wire Rope are: 1. Men who know how. 2. The best grade of materials. 3. The most modern machinery. We have all three and are producing the goods. Give us a trial.

We solicit your enquiries. Write for our catalogue.

Stock carried in Montreal by J. H. HANSON CO. LTD., Agent

**Canada Wire & Iron Goods Co., Hamilton**

Stock carried in Edmonton and Calgary  
N. F. Judah, McLeod Building, Edmonton, Agent

## Western White Pine

Clears and Commons

Inquiries handled from our Eastern Office:

**1304 Bank of Hamilton Bldg., TORONTO**

Phone  
Main 5345

R. G. Chesbro,  
Manager

## Subscribers' Information Form

Many letters reach us from subscribers enquiring where a certain machine, a certain kind of lumber or veneer, or some other class of goods, can be obtained. We can usually supply the information. We want to be of service to our subscribers in this way, and we desire to encourage requests for such information. Make use of this form for the purpose.

"CANADA LUMBERMAN"

345 Adelaide Street West, Toronto

Date.....19.....

Please tell us where we can procure .....

.....  
.....  
.....

Name .....

Address .....



industrial unrest there. With a shortage of skilled men and with a building boom in progress, men have been able to run up wages to an unprecedented height, while the general efficiency has decreased.

The result of the postponement of work has been, according to Montreal wholesalers, a falling off in orders for lumber. Trade is still good, but if workmen on the other side maintain their present attitude, we may anticipate a considerable decrease in the lumber business with U.S. customers and a cancellation of orders. Such a condition is bound to be reflected on prices.

Local retailers are still buying very cautiously. They, apparently, are of the opinion that prices will not hold, and they are not inclined to stock up at present values. They are selling a fair amount of lumber.

There is a good demand for lath, the market being firm.

In several parts of the province the drives are backward, owing to the late season at which the ice on the lakes broke up. This will add to the expense.

There is no let-up in building activity in Montreal—in fact reports from all parts of the province indicate that construction work is very brisk. During the first half of May the building permits in Montreal constituted a record for that period, totalling \$1,787,375, the majority of the buildings being dwelling houses. Wages are going up slightly but there are reports that labour for this class of work is in short supply due to the numbers emigrating to the States where excessive pay is being handed out.

A fair amount of lumber, mainly pine, is being exported from Montreal to the U.S. A substantial tonnage will be shipped in tramps from the lower ports. Part of this was purchased last fall for British account, including the cuts of the St. Maurice Paper Co. and the Wayagamack Company.

### How Liverpool Market is Keeping Up

Timber imports at Liverpool, Eng., were moderate and fair quantities going into consumption. During the past month stocks of leading varieties were light but sufficient for immediate requirements, according to the latest circular of Farnsworth & Jardine. The import season is now at hand. General inquiry has increased somewhat and the tone of the market has slightly improved, which is possibly due to the avoidance of the threatened stoppage in the building trade. Values are unchanged.

In regard to Canadian woods, so far as yellow (white) pine timber is concerned, the stocks are not excessive, but they appear sufficient for the quiet demand. Other interesting data is as follows.—A small parcel of first-class waney pine arrived from the Pacific Coast. Consumption was of a retail character with the result that stocks are not materially altered. On second-class waney pine there is no noticeable improvement in demand and present stocks are sufficient. There are very few inquiries for square pine (red).

So far as Canadian oak is concerned, consumption is disappointing and the holdings are ample for the present. The import of elm was about 1000 cubic feet, which went into consumption. Stocks are low and fresh square wood of large dimension is wanted. The arrivals of pine deals were moderate, and as fair quantities are passing into consumption the stocks have reduced to moderate dimensions. Prices are firm.

So far as Canadian spruce is concerned, a fairly steady demand existed, with the result that stocks are reduced and amount to about the same quantity as at this particular period last year. Values have appreciated.

There has been an import of New Brunswick and Nova Scotia spruce and pine deals to the Mersey, which includes the Manchester Canal, of 3,710 standards, and although the demand was steady, deliveries failed to keep pace and stocks amount to 8,920 standards compared with 4,650 standards at the end of April 1922.

Shipments by the liners met with a good reception at appreciating values throughout the month. Shippers' prices for f.o.w. delivery remain very firm. There was a limited quantity of ocean tonnage seeking engagement at steady rates. Toward the end of April exchange rates depreciated. There are practically no stocks of pine deals available at Liverpool at the present time.

An import of 20,000,000 cubic feet of birch logs came to Liverpool. Consumption totalled 11,000 cubic feet, being rather disappointing as stocks have been increased 36,000 cubic feet practically on a par with that held at the same time last year. Recent arrivals have been more difficult to dispose of. The import of birch planks was considerable, amounting to 66,000 cubic feet, of which 51,000 cubic feet moved into consumption.

Stocks are evenly distributed between Liverpool and Manchester aggregating 169,000 cubic feet, which appears quite sufficient to supply present requirements.

### Organized Revolt Against Builders Wages

There is in the United States a threatened revolt against high wages and high material cost in building construction. The first movement in this direction was the formation of a committee of 100 prominent bankers, architects, builders and property owners, to work with Secretary Hoover in an effort to stabilize building conditions.

The reports of what was said at the meeting, called to appoint this Committee, present vividly the impossible situation which is prevailing. One operator exhibited this picture of the impasse that is developing: In February bricklayers were being paid the regular scale of \$10 a day; in March an addition of \$1 bonus was demanded; in April, without notice, a demand made for \$12 a day; on the same day \$13 demanded, and half an hour later the demand increased to \$14 a day. Common labor at the same time made a demand for an increase from \$7 to \$8, and the hoisting engineer raised his price from \$10 a day to \$12 a day.

The reciter of these events concluded: "In 35 years' experience in the building trade, covering many millions of dollars' worth of work, I have never before met with such demands under such arbitrary conditions."

### Serious Setback to Metropolitan Building

A very serious set back in New York building activities is experienced in the decision of Justice Tierney of the Supreme Court that tax exemption legislation to relieve the house shortage is unconstitutional.

Two years ago the New York legislature granted tax exemption for a period of two years to those who would build homes or apartments. Attracted by the exemption, more than \$150,000,000 was invested in new building with applications for permits for an additional \$30,000,000 worth before the expiration of the exemption period on April 1st.

The proof that high taxes inevitably means high rents is indicated in the effect of Justice Tierney's decision that this tax exemption is unconstitutional. The proposed building projects have been cancelled and rents have been advanced almost unbelievably throughout the state.

### Enterprising Door Firm Has Grown Rapidly

In the Toronto Year Book, which has just been issued for 1923, an appreciative reference appears with respect to the Pannill Door Co., Limited, Toronto. The article states that the Pannill Door Co. was formed in 1919 and has met with signal success. The company are sash and door merchants and carry in stock large quantities of many different types of doors now used exclusively, not only in residences but in public buildings, such as hospitals, office buildings, hotels, schools, etc. The firm claim that they are able to give the contractor or builder doors out of stock with no further notice of time than is required to get the order out and delivered.

The firm also buy in very large quantities, in some cases as high as 10,000 doors at a time. It is also pointed out that during the building season the firm employ thirty people to look after their business. The staff of salesmen cover Toronto completely and are known personally to about ninety per cent of the builders because they are not only selling doors but, after a sale is effected, they continue to visit their customer checking up continually to see that satisfaction in the fullest measure has been delivered.

The Pannill Door Co. have a permanent exhibit of doors at their showrooms, 131 Front St. East, Toronto. Such woods as black walnut, mahogany, figured gumwood, birch, oak, chestnut, pine, fir and redwood are on display there at all times. The notice further says "This should appeal favorably to architects and builders, and the Pannill Door Co. have spared no expense to make it comfortable and attractive. First consideration has always been given to the builder towards saving him time and inconvenience."

### Quebec Provincial Lumber Receipts Decline

The fiscal year for the Province of Quebec will close on June 30. Already several departments are busily engaged in preparing their financial statements and expectations are that the \$1,000,000 surplus mark will again be exceeded this year. The conditions reigning in the lumber industry in the 1921-22 period will affect considerably the receipts of the Department of Lands and Forests which last year reached over \$4,000,000 and proved to be a record on any precedent period. This had meant an increase of over \$300,000 over the precedent, and of nearly \$1,000,000 on some of the previous years.

The financial report of that department is based on the last two years' returns and will show decrease of several hundred thousand dollars, it is expected, as a result of the conditions prevailing that year and the small quantity of timber cut.





## SPRUCE, rough or dressed LATH AND SHINGLES

*We have facilities for kiln drying*

### THE EAGLE LUMBER CO. LIMITED

Head Office: 90 St. James Street, Montreal, Que.  
Mills at Mont Laurier, Que.; Hebert, Que.; Ste. Marguerite, Que.;  
and Nottaway, Que. Dressing mill at St. Jerome, Que.

Northern Office:  
MIDLAND, ONT.

Southern Office:  
HATTISBURG, MISS.

## Herman H. Hettler Lumber Co.

2601 Elston Avenue, CHICAGO, ILL.

Manufacturers and Dealer

## White Pine, Red Pine and Yellow Pine Lumber and Lath

Excellent Planing Mill Facilities. Prompt Shipments

Crating

Cedar Shingles

## Everything in Spruce

FLOORING  
SIDING  
ROUGH DIMENSION  
LATH

## Campbell, MacLaurin Lumber Co.

Limited

MONTREAL  
Board of Trade  
Building

TORONTO: 1 Vermont Ave.,  
C. W. McCabe, Ont. Representative  
Phone Hilcrest 6539F

## E. H. LEMAY

*Wholesale dealer in*

### PINE AND HARDWOOD LUMBER

*Dimension Timber cut to order for*

RAILROADS, CAR STOCK, BRIDGES AND  
FACTORIES

*Car Sheeting a Specialty - Laths and Shingles*

Hochelaga Bank Bldg., 112 St. James St., Montreal

Tel. Main 2712

# Edgings

The McNeil Lumber Co., Limited, has removed to 415 New Birks Building, Montreal.

The Victoria mill of the Fraser Companies, Limited, at Fredericton, N.B., began sawing recently.

J. P. Dupuis, president of the Montreal Retail Lumber Dealers' Association, was a visitor to Ottawa recently.

A. E. Gordon, of the A. E. Gordon Lumber Co., Toronto, left recently on an extended business trip to British Columbia.

James A. Connors of the Sewall timber cruising organization of Old Town, Maine, was in Nova Scotia recently on a short trip.

Fire destroyed the sawmill of Lausaphe Nault, Lavergne Station, Quebec, recently, causing a considerable loss to the owner.

J. J. Crowe & Co., Limited, Norquay, Sask., lumber dealers, recently sold their business to the Northern Lumber Co., Limited.

Archie Fraser, of Frasers, Limited, Edmundston, N.B., was a recent visitor to Montreal. He returned lately from a business trip to England.

The planing mill of the Haugh Lumber Co., Windsor, Ont., was destroyed by fire recently. The loss is about \$30,000 and partly covered by insurance.

Roy Campbell, of Toronto, who was for many years associated with the Canadian National Railways, has been appointed traffic manager for the A. E. Gordon Lumber Co., Toronto.

Fire recently destroyed the planing mill of Galt & Trick, 98 Athol St., Oshawa, Ont. The loss to equipment and material is estimated at \$5,000. The owners expect to rebuild shortly.

M. A. Grainger, of Vancouver, former managing-director of the Timber Industries Council of British Columbia, was in Toronto recently on his way to the Coast from a recent trip to England.

The Montreal Retail Lumbermen's Association has formed a sash and door manufacturers' section, which will look after their special interests. Weekly meetings are held at the Queen's Hotel, Montreal.

R. Armitage, of Ottawa, was drowned recently in the Thessalon River while engaged in a log drive. He was 29 years of age and the body was recovered about a mile and a half below the point where the accident occurred.

A new tissue paper mill is being planned by the Western Quebec Paper Mill, Limited, at St. Andrew's, Que. Among those interested are C. DeWolfe Reid, 211 McGill St., Montreal and R. W. Barclay, Western Quebec Power Co., 511 St. Catherine St. West, Montreal.

Paul Joubert has been elected chairman of the Quebec Division of the Canadian Manufacturers' Association, Messrs. H. C. Price and O. A. Gignac, of Quebec City, being elected on the Executive Committee. A. D. Huff, of the Riordon Company, is chairman of the Transportation Committee.

The Hamilton Cove Pulpwood and Lumber Co., Limited, Quebec, P.Q., is a new company recently formed to manufacture lumber, posts, shingles, pulpwood and other similar products. Capital \$150,000. D. H. Pennington and L. S. St. Laurent, both of Quebec City, are two of the incorporators.

A new horizontal bandsaw is being installed at the Buckley Bay, B.C. mill which will increase the output from 100,000 feet a day to 125,000 feet. It is also proposed to put on a second shift, which will double the output. The Massett Timber Company employs 450 men, but this number will be materially increased.

The exhibition car of the Canadian Forestry Association will tour Nova Scotia during the coming summer on the invitation of the Provincial Government. In the car will be given motion pictures and lectures in the interests of forest conservation and fire prevention. The car will stop at a number of important centres.

Flames broke out recently near a camp owned by John Wigle, of Windsor, Ont., located in the vicinity of Leamington. Considerable damage was done to the timber but by hard work on the part of the men who had to dig trenches and fell trees, the camp was finally saved. The fight put up by the lumberjacks was a long and hard one.

Donald Potter, who for the past thirteen years has represented Consumers' Cordage Co., and during the greater part of that time has been manager of their Toronto branch, recently resigned to take



the position of general manager of the J. R. Sterling Twine Co., Limited, Walkerton, Ont. Mr. Potter has entered upon his new duties.

Fortune has smiled upon Richard Paget, a benchman, employed at the Piggott Lumber Co., Windsor, Ont. He was recently willed a legacy of \$15,000 by relations in England. The amount is not large as figures go, but Mr. Paget and his wife expect to return to their native land where they will be comfortable for the rest of their days.

The Montreal Board of Trade Council have passed a resolution favoring the construction by the Provincial Government of a waggon road connection between the new Temiskaming-Abitibi district and the terminus of the new line of the C.P.R. at Des Quinzes. The council believe that this would develop the district which is pulp-wood and timber.

The Colonial Lumber Company, of Pembroke, Ont., has bought from Mr. John Lumsden valuable timber areas consisting of Kippewa Islands, in Kippewa Lake. As the islands are close to the limits which the company is now operating, and contain a large acreage of good pine and hardwood, the purchase will very materially add to the company's timber reserves.

The Kinnon Lumber Co. who since their organization have had their offices in the Royal Bank Chambers, corner Spadina Ave. and King St. West, Toronto, have removed into much larger quarters in the same building. The company report that business has been exceptionally good with them during the past season and a large turnover in hardwoods is being done.

The Ontario Paper Co., who recently acquired extensive limits on the north shore of the Gulf of St. Lawrence from the Quebec Government, report that they are making a survey for the location of a new pulp mill but will not do any construction work on the limits in the near future. The company are not adding any buildings to their plant in Thorold during the present year.

Knight Bros. Co., Limited, of Burk's Falls, Ont., started milling operations early in May. They have a heavy cut to get out this year and the output will be about 5,000,000 feet. J. S. Parker, manager of the company, says in connection with the proposed improvement to their power plant, that they will start work on this about July 1st and it is expected that good progress will be made.

It was stated some time ago that the Singer Mfg. Co., St. Johns, P.Q., had purchased larger timber limits in the province, located back of Fassett, from the Gatineau Company. The new owners, when requested for some information regarding their intention to conduct logging or lumbering operations on the same, stated definitely that they had nothing for publication at the present time.

Officials of the International Paper Company have denied reports that the company is involved in negotiations for a merger with Canadian interests, which would combine a half dozen plants operating on the St. Maurice River and Quebec. A similar denial was also made by the St. Maurice Paper Company, subsidiary of the Union Bag and Paper Company, which was mentioned in connection with the report. Other companies said to be interested in negotiations were the Laurentide, Belgo Paper Company and the St. Lawrence and Wayagamack Companies.

The St. John River Log Driving Co. have started their fifth drive on the St. John River to salvage the logs which were carried down the river during the freshet before the booms completely sealed the river at Lincoln, six miles below Fredericton. The St. John River Log Driving Co. say they have no reliable information regarding the number of logs which have been carried down the river. The lumbermen of Fredericton, however, estimate the quantity at 2,000,000 feet. Most of the logs, which are salvaged, are pretty well down the river and are being rafted near St. John.

It is understood that an active movement is on foot with a view to establishing hardwood industries in New Brunswick. That province possesses considerable stands of valuable hardwood which have never been exploited, and it is with this end in view that a number of the mill men and limit owners are getting together. They feel that by co-operation and concentration much might be done to increase activity in the hardwood line. It is understood that a number of conferences have been held with railways and others concerned, and the outcome is awaited with considerable interest.

Advices from Sault Ste. Marie, Ont., state that a careful survey of that district shows 200 townships with a conservative estimate of hardwood timber of 24,000 acres to the township. A reduction of freight rates on hardwood logs to the Sault over the Algoma Central, is giving encouragement to several proposed woodworking plants. The by-products can all be disposed of, such as slabs for firewood, etc. One company has a contract for ten years to supply the Ford plant at Detroit with several million feet of hardwood lumber per annum, all of which makes for much activity in the Sault district during the coming season.

## The C. Beck Manufacturing Company, Ltd.

PENETANG, ONTARIO

Manufacturers & Dealers of

## WHITE PINE—RED PINE HEMLOCK—LATH

Planing Mills in Connection—Our Dressing will  
Save You Freight

TORONTO OFFICE 10 PARLIAMENT STREET

F. H. Horning M 2170

## McNeil Lumber Co. Limited

416 St. James St., Montreal, Phone Main 996 & 1185

Manufacturers and Wholesalers  
Hard and Softwood Lumber and  
Railway Ties.

B.C. Fir and Cedar Shingles Specialists.

## FOR SALE

5	cars	5/8 x 4" & wdr.	Log Run Spruce.
3	"	5/8 x 3"	" " "
1	"	5/8 x 4"	" " "

Random lengths, Rough, Dry.

## WIGHTMAN LUMBER CO., Limited

263 St. James St. MONTREAL, CANADA.

## "By-Pass" Blower Systems

for green saw dust and wet stringy material

Material that usually clogs the ordinary Blower is handled easily and continuously by our "By-Pass" Blowers. No material passes through or around the fan. That is the big secret of "By-Pass" success. Slow speed and minimum power are other strong features. Write for literature and all details.

We manufacture and install complete systems

## Toronto Blower Company

156 Duke St., Toronto



# U.S. Buyers of Canadian Lumber

## STOP--LOOK--READ

and  
Spend 3¢

If you have any lumber, lath or Shingles that you wish to sell in the New England market, send us a list giving full details. We buy F.O.B. mill or sell for mill account at delivered prices, less the usual commissions.

The  
**Woodstock Lumber Company**  
131 State St. - Boston, Mass.



One of the rollways of a large Canadian Lumber manufacturer whose product is sold largely in the United States

## To Canadian Lumber Manufacturers

I can place the following lumber stocks on a commission basis to well-rated users in the United States. Get in touch with me.

**CANADIAN BIRCH**  
rough or dressed

**CANADIAN MAPLE**  
rough or dressed

**BROWN ASH**  
Brown Ash Trim and  
MOULDING

Birch Trim and Moulding  
Birch and Ash Squares and  
Dimension Stock.

**Allen Kander**  
10 South 18th Street  
PHILADELPHIA  
New York - 50 Union Square

**Turner Lumber Agency**  
Selling Agents  
Ridgewood - New Jersey

We can always handle a certain amount of spruce, we sell only to the well rated consumer.

*Reference Exchanged*

Let us have your lists

## MR. MANUFACTURER:

We are in the market, at all times, for  
**MERCHANTABLE SPRUCE**

1", 1 1/4", 2" Rough and Dressed; Stock Widths and  
Random Lengths; Straight and Mixed Car Shipments

**WANTED QUICKLY: Mason Lath, 1 1/2"x10" and 1x2"**

*Wire Offerings*

**Carpenter-Gordon Company,** 75 Broad Street  
Elizabeth, N. J.  
Reference: National-American Wholesale Lumber Association

**Swain & Boggs Co.**  
110 State St., Boston

Wholesale Dealers in

**Spruce, Pine,  
Hemlock Boards,  
Cedar Shingles, Lath**

*Prompt Payments*

## WANTED

Spruce, Laths  
Shingles  
White Pine  
Hardwood

**JOHNSON LUMBER  
CO. INC.**  
MANCHESTER, N. H.

**Blanchard Lumber Co.**  
126 State St., Boston, Mass.  
11 Broadway, New York, N. Y.

We are always in the market  
for Eastern Spruce; Lath  
and Lumber, by rail and by  
vessel.

Write or wire us your quotations

We Want to Buy  
**High-grade  
Canadian Hardwoods**  
(all thicknesses)  
and Sell  
**Gum, Oak, Chestnut  
and Cypress**

**C. B. TALBOT TRUSTEE CO.**  
607 Stevens Bldg., Detroit, Mich.  
Assembling yard, Detroit, Mich.

## BASSWOOD WANTED

300,000' 5/4 winter sawn,  
also 5/4 and thicker Birch,  
Maple, Elm. Prompt  
shipment and Pay.

**Miller Lumber Co., Inc.**  
893 EAGLE ST., BUFFALO, N. Y.

**Stilwell - Ruhlman  
Lumber Co.**

530 PENOBSCOT BUILDING  
DETROIT - MICHIGAN

Mill Representatives  
**HIGH GRADE HARDWOODS**

## GODFREY LUMBER COMPANY Wholesale Lumber

60 Congress St.  
BOSTON

51 East 42nd Street  
NEW YORK

Eastern Lumber by car or Cargo

**ALL GRADES SPRUCE**  
Laths Hemlock Boards Cedar Shingles

*We solicit correspondence from Canadian shippers*

## Lath Wanted

For Detroit Delivery

10 cars 4' No. 1; 10 cars 4' No. 2;  
10 cars 32" Mill Run—all White  
Pine.

Also

10 cars 4' Mill Run Hemlock.  
5 cars 32" Mill Run Hemlock.  
5 cars 4' Spruce.

**Brewster Loud Lumber  
Company**  
333 State St., Detroit, Mich.



# U.S. Buyers of Canadian Lumber

We are in the Market for

Spruce, Pine, Hemlock, Birch, Maple,  
Basswood and Ash, green or seasoned,  
also Spruce and Pine Lath

Send us a list of what you have

**Eureka Lumber Co.** 562 Broadway,  
Albany, N. Y.

## HINE LUMBER COMPANY

3-123 General Motors Building  
Detroit, Michigan

"We would like to represent two  
good Ontario Hardwood Man-  
ufacturers in this territory."

### E. G. Brownlee

Germantown, Phila.  
209 Cliveden Avenue

#### WANTED

Canadian Spruce Lath, in  
car load quantities, direct  
from manufacturers on  
Philadelphia rate of de-  
livery.

### C. E. Day Lumber Co.

Springfield, Mass.

**Spruce Dimension and  
Boards, Box Shooks,  
Pine Boards  
Hemlock Boards**

### WANTED

CLEAR MAPLE 50% in  
pieces 1 x 3 x 4' 1 1/4 x 2 x 4',  
50% in pieces.

CLEAR FACE MAPLE  
STRIPS, 1 1/4 x 3 x 18, 27 and  
36" long. Quote f.o.b. Mill.

*Will inspect and pay cash  
when loaded*

**Powell Lumber & Timber Corp.**  
43 Davis St., Long Island City, N.Y.

### W. A. Webster Co.

WHOLESALE LUMBER

201 Devonshire Street,  
BOSTON, MASS.

Wanted for car or cargo shipment

Spruce Boards.  
Spruce Laths.  
Spruce Random sizes.  
Hemlock Boards.  
White Cedar Shingles.

### Where All Forest Lands Are "Protected"

People entering the forests of New Brunswick up to November 1st next must register. The Royal Gazette recently contained a proclamation issued by the Minister of Lands and Mines under authority of the Forest Fires Act 1922, in which all forest land in the province of New Brunswick is proclaimed "a protected area" with the following regulations:

No person may enter upon any forest land after May 1st, 1923, until November 1, 1923, for the purpose of travelling, camping, fishing, or picnicing or for other purposes, without first having registered with a local fire warden, councillor, game license vendor, or other person duly authorized, giving his name, dates, and having obtained a registration certificate. Such certificate shall be produced when requested by any fire warden or other authorized person, provided that the following persons or companies shall not be subject to the above regulations, namely: licensees or owners of forest lands entered upon, or to their employees, or to the fire wardens, fire fighters, land surveyors or to persons accompanied by registered guides or to holders of hunting, fishing, guides or mining licenses. All persons shall when requested by any fire warden show their license and give the above mentioned information regarding their stay in the forest. Penalties for non-compliance with the above, not less than \$10 and not more than \$100 or 30 days in gaol.

This action is deemed necessary by the Government in a determined effort to prevent a repetition of the immense forest fire damage this year resulting from the carelessness or thoughtlessness of those entering the forest on pleasure bent. This regulation was passed last year, but was not enforced on account of the wet season. It is hoped that the registration certificate will bring to the minds of those who enter the woods a greater realization of the value of the forests and the necessity for always being careful of fire.

The adoption of the registration certificate is not an attempt by the Government to keep people out of the woods and deprive the fisherman, the camper or the hunter of his annual vacation. It is merely a regulation whereby each individual will be reminded and encouraged to be careful of fire when in the forest.

It is in keeping with the extra precautions being taken by private land owners this year, several of whom are placing special patrols to see that no people enter at all. In the past the fire hazard was augmented by tops and brush from logging but to-day this has been increased to hundred-fold by the addition of so much dry, dead material as a result of the standing timber being killed by the spruce bud worm. Forest fires, which once gain headway this year, cannot be expected to be controlled. The seriousness of the situation cannot be under-estimated and the owners of forest land as well as the

inhabitants of settlements and towns near extensive areas of forest cannot be too careful.

A review of the fire damage in previous years shows that those entering the forest, including the camper, fisherman, picnicher, have caused an average fifty per cent of the total damage—as much as all other causes combined. In 1921, the year of such heavy fire losses, seventy-five per cent was traced to the carelessness of those entering the woods. It is the only serious cause of forest fires which has not been restricted in the past. The settler cannot burn his slash only under regulations as prescribed by law and controlled by the fire warden. Railway companies are not allowed to operate locomotives which through defective appliances may set a forest fire. Mills and other plants operating near forest land must be equipped with proper screens before being allowed to operate. In this way forest losses from these causes have been greatly reduced, the damage from settler's fires being reduced from 75% of the total damage in 1920 to 1.5% in 1921. But the person entering the woods has not been restricted in any way. He has come and gone as he pleased and, while the majority have been careful of fire, the camp fires neglected or burning tobacco carelessly thrown away has caused an annual loss to forests amounting to hundreds of thousands of dollars—a loss which is not replaceable for a century.

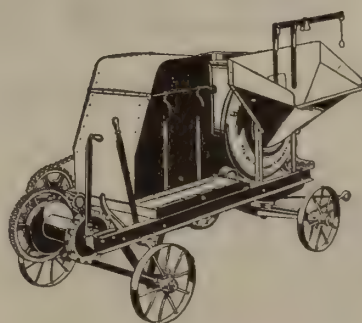


Fig. 25—London Combination Mixer  
Nos. 4 and 6

### LONDON CONCRETE MIXERS

are built to give continuous service under the most exacting conditions. They do rapid work and produce concrete with low labor cost.

LONDON MIXERS are being specified by engineers who know from experience that the first cost of a machine should not be the deciding factor when purchasing equipment. Slow production and breakdowns put the contractor out of business. The contractor can rely on the "LONDON" when profit depends on constant service and rapid production.

#### MADE IN CANADA

We manufacture Concrete Mixers, Hoists, Air Compressors, Pumps, Brick, Block and Tile Machines, Barrows, Carts, Silo Moulds, Ornamental Moulds and Tools.

**London Concrete Machinery Company, Ltd.**

Dept. T. London, Canada

World's Largest Manufacturers of Concrete Machinery.



**BOWDEN BROS. BELT DRESSINGS**

THE MODERN BELT CLEANER AND PRESERVER

**POWER**

Belt Oil  
Our Three Grades  
Light, Medium and  
Heavy  
Constitute a Real  
Food for Leather  
Works While Your  
Belt Works  
Under Any Condition  
of Dust, Heat or  
Exposure



"What we're on we'll cling to"

Our products contain the best known compound for cleaning, filling and preserving belts and ropes

**BOWDEN BROS.**

PRIMROSE AVE. AND C.P.R. TRACKS W. TORONTO, CANADA  
Phone Ken. 4634 J.

**PROTECTION**

Rubber Facing  
For Rubber And  
Balata  
Rope Filler  
For  
Rope Transmission  
Bar Dressing  
A Dubbing for Heavy  
Service Belts and  
Rope Drives

**Edgings**

Olipphant Timbers, Limited, Victoria, B.C., is a new firm with a capital of \$50,000.

T. A. Burrows, president of the Burrows Lumber Co., Winnipeg, Man. was a recent caller upon the trade in Toronto.

Col. J. Lightbody, of the Sidney Mills, Sidney, B.C., spent a few days in Toronto and Montreal recently on business.

The Pacific Coast Cedar Pole Association, Limited, Vancouver, B.C., was recently incorporated with a capital of \$25,000.

The Stetson Cutler mill at Pokiok, N.B., and the Randolph & Baker mill, St. John, N.B., have started operations for the season.

The Langstaff-Schurg Co., of Emo, Ont., recently started operations in their sawmill. The cut this year will be the largest in a long while.

Terry-Nicholson-Cates Limited, Toronto, have been appointed Ontario sales agents for the Schull Lumber & Shingle Co., Limited, New Westminster, B.C.

There has been a marked improvement recently in shipments of lumber via the Panama canal to the New England states. A demand in Montreal has also developed.

Murray & Gregory's large sawmill at St. John, N.B., recently began operations. A 10 per cent increase in wages for the employees was, apparently, satisfactory for a full crew is at work.

Goderich Mfg. Co., Goderich, Ont., are contemplating building a new saw mill at Stratford, Ont. It is rumored that the company will move their business from Goderich to Stratford sometime next fall.

Speaking at the inauguration of the new quarters of the Quebec Reform Club recently, Premier Taschereau intimated that a large pulp and paper mill will be established in the city of Quebec in the near future.

The Commercial Travellers' Association held a meeting recently in their quarters on St. John St., Quebec City. Gustave Piche, chief forester of the province, delivered an interesting lecture to them on forest preservation.

The employees of the pulp and paper mills of J. R. Booth, Ottawa, and E. B. Eddy Co., Hull, were recently granted an increase of 5 cents per hour, and any danger that might have been of trouble in the mills has been averted.

C. E. Harris, who is well known in Ontario lumber circles, in connection with traffic matters, has left Toronto for Ford, Ont., where he has taken an important position in the Transportation Department of the Ford Motor Car Co.

The Spruce & Cedar Lumber Co., Kamloops, B.C., will start work shortly on a new \$60,000 sawmill to be erected in the North Thompson Valley. The building will be two storeys, 40 ft. x 80 ft. in dimension and of frame construction.

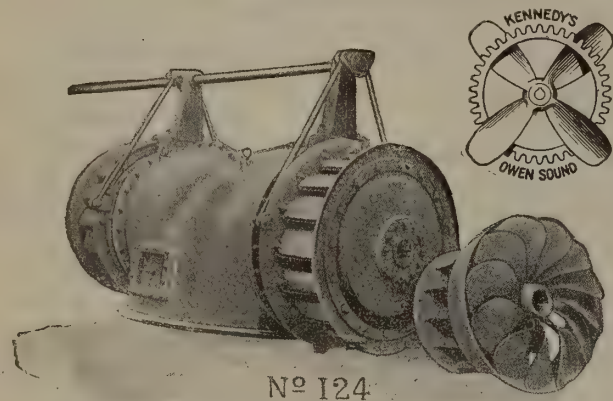
The steamer I. Watson Stephenson arrived at Sarnia recently with a cargo of 800,000 feet of lumber for Laidlaw-Belton Lumber Co. and was unloaded at the company's wharf. The Stephenson was the first steamer to bring down a cargo of lumber from the upper lakes this season.

L. L. Alstead, of Appleton, Wisconsin, head of the Great Lakes Paper Co., recently spent a few days in Port Arthur and Fort William in company with Hardy S. Ferguson, paper mill engineer. It is understood that the site for the new pulp and paper mill was under consideration.

Samples of wood from King Tutankhamen's tomb have been asked for by the forest service for use by its forest products laboratory at Madison, Wis., to determine what effect the extreme age has had on the physical and mechanical properties and upon the glue and joints of fitted pieces.

The number of forest rangers in the province of Quebec has recently been increased. Instead of 1,200 men being employed in co-operation by the government and private firms, there will be more than 1,500 forest rangers on duty. Extra vigilance will be taken to guard against the outbreak of forest fires.

Carlton M. Smith, of North Tonawanda, N.Y., who has been trading under the name of Smith, Fassett & Co., announces that he has incorporated his business and the corporate name will be Smith,

**KENNEDY  
WATER POWER PLANT  
MACHINERY**

Soundly designed, carefully constructed turbines for every water power plant requirement. Special designs built to engineer's drawings and specifications

**The Wm. Kennedy & Sons**

OWEN SOUND ONTARIO

LIMITED

**District Representatives:**

M. B. SAUNDERS,  
8 Silver Street, Cobalt  
Phone Cobalt 158

H. C. KENNEDY,  
232 St. James St., Montreal.  
Phone Main 394

**Maritime Representative**

C. A. FOWLER, Tramway Bldg., Halifax, N.S.

**BEAVER BRAND****The Saw Supreme**

made by

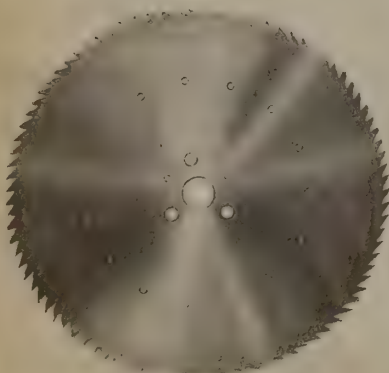
**RADCLIFF**

Illustration shows our shingle saw which is warranted extra crucible steel, tapered and patent ground. Unexcelled for toughness, temper and cutting qualities.

Write us for prices and catalog covering the complete line

**RADCLIFF SAW MFG. CO., LTD.**

1550 Dundas St. West, Toronto





Fassett & Co., Inc. Carlton M. Smith is president; M. S. Tremaine, vice-president and treasurer, and R. H. Kay, secretary.

W. H. Jackson, of West & Jackson, Tillsonburg, Ont., was in Toronto recently on business in connection with the hospital which the town proposes establishing. Mr. Jackson has been a member of the municipal council of Tillsonburg for many years and has always taken a deep interest in the welfare and progress of the town.

Several promotions have recently been made in the organization of the Abitibi Power & Paper Co., Iroquois Falls, Ont. The process of consolidation of all work of the same kind, no matter in what department it comes, has been advanced considerably of late. H. J. Buncke has been made chief engineer, succeeding T. J. Jaeger, who has gone to Thorold. R. Stover has been appointed plant engineer and W. B. Crombie becomes construction engineer for all work whether mill or railway.

According to the second divisional court, Charles Austin, of Chatham, Ont., isn't obliged to pay C. H. Houson \$525 and costs for the spruce trees cut down between the two properties. Mr. Justice Mowat, of Toronto, gave Houson judgment but, on Austin's going higher, the action is dismissed with costs and the appeal is allowed with costs. "There can be no doubt," said Mr. Justice Riddell and his associates, "that the proper line of the street is as contended by the defendant."

The lumber firm of White, Gratwick & Mitchell, North Tonawanda, N.Y., has bought the steamer Charles Beatty for use in carrying lumber from Thessalon, Ont. The boat was built at Toledo in 1902 for the lumber trade. Just before the war it was sold and became the Usona, then sold again to French parties and taken overseas, becoming the Port du Caen. Last summer the steamer was brought back to the lakes by Canadian parties, who called her the Bayusona, and before the end of the season the name became the Roslyn.

A local company has been formed to construct and operate a sawmill at Wolf Creek seven miles north of Wasa, B.C. It is expected that the new plant will be turning out lumber toward the latter end of this month and will have a sawing capacity of 25,000 feet per day. The company possesses an excellent stand of fir, larch and pine. The directors of the company are:—Malcolm Horie, managing-director; J. A. Arnold, president; M. A. Beale, secretary-treasurer; George Leitch; Isaac Baxter; T. M. Roberts and James Arnold, directors.

The B.C. Lumber Inspection Association has been completed. Five directors have been elected, three representing the manufacturers and two the wholesalers. P. D. Roe, F. R. Pendleton and John McMillan represent the former and P. A. Agnew and Russell Underwood the latter. The new directors will hold a meeting in the near future in order to consider the question of policy and the making of definite arrangements for instituting an inspection service of cars in Eastern Canada and the prairie provinces. The outcome of their decision is being awaited with considerable interest.

Reforestation is finding favor in North York and Simcoe South, as is evidenced by two distinct movements in that direction. Charles Lewis of Yonge street has set out 2,000 sprigs of Scottish pine on his lot on the second concession of King. At the request of the Council of Innisfil, the Ontario Government, under its forestry branch, will plant five acres on the corner of the seventh concession, and the Provincial Highway, and another five acres in what is to be known as Innisfil Park. The Council will care for these new plants, and erect suitable fences for their protection.

The plant of the Oakville Wirebound Box & Basket Co. at Oakville, Ont., was completely destroyed by fire recently. The loss, which is principally in valuable machinery, is estimated at about \$200,000, and is only partially covered by insurance. The blaze occurred just at the opening of the berrying and fruit season and half a million strawberry baskets intended for the packing of Oakville's famous crop, and 250,000 cherry boxes were consumed in smoke. The company expects to care for all the business which it has on hand from its Burlington plant. The cause of the blaze is unknown.

An action for \$3,000 damages has been taken in the Supreme Court of Ontario by John Theriault, of Ottawa, against the Hawkesbury Lumber Company, Ottawa, in connection with the death of Emile Theriault, son of the plaintiff, who died of typhoid fever on November 22, 1922. He was employed by the Hawkesbury Lumber Company and was working at McLaren's Bay in the Temiskaming district. It is claimed that the men in this camp were dependent on the waters of the bay for their drinking supply, and it is alleged the company permitted a dead horse to remain in the water of the bay for three weeks, thus contaminating the water, and causing some of the men to take typhoid fever. Though no statement of defence has been filed yet, it is announced the company denies allowing the horse to remain in the water for such a period, and that the animal was in the waters of the lake and not in McLaren's Bay.



## Winter Performance Proves "Caterpillar"\* Efficiency

Such big operators as the Abitibi Power and Paper Company, the Mt. Murray Woodlands Corporation, and the Anglo-New Foundland Development Company have proved conclusively the superiority and dependability of the "Caterpillar" Tractor for winter logging. The experience of Holt users is the soundest reason for every lumber and pulpwood manufacturer to investigate "Caterpillar" performance in last winter's operations. Holt service is equal to every requirement. We have convincing facts to give you applying to your work.

\*There is but one "Caterpillar"—Holt builds it

**CANADIAN HOLT COMPANY, Limited**

1109 St. Catherine St., W., Montreal, P.Q.

Telephone Uptown 1504

*Complete service stocks in all principal lumbering districts.*

**CATERPILLAR**  
**H O L T**



**Second Hand  
Machinery &  
Equipment  
Wanted &  
For Sale**

# Quick Action Section

**Special Lots  
Of Lumber—  
Positions  
Wanted &  
Vacant**

## Lumber Wanted

WE are always in the market to buy Pulpwood and odd lots of lumber. P. O. Box 643, Montreal. 6-T.f.

### Wanted

Rock and hard Grey Elm in car lots cut 3 1/4" thick. Quote price to St. Marys Wood Specialty Co., St. Marys, Ont. 11-14

### Wanted

Ten carloads Hard Maple 1 1/4" x 3 1/4" x 18" and up in length. For further particulars, apply to Box 155, Canada Lumberman, Toronto. 5-T.f.

### Wanted

Ten carloads of good No. 1 Common and Better 4/4 White winter cut Basswood. For further particulars, apply to Box 191, Canada Lumberman, Toronto. 7-T.f.

### Wanted—Birch

and other Hardwoods suitable for the U. S. trade, graded or log run. Cash as loaded. Give loading point and full description together with estimated grades. Wallace H. Partridge, Inc., Springfield, Mass. 5-T.f.

## Slabs, Bundled Edgings and Cordwood Wanted

State quantity, whet cut and price asked. W. H. FARRELL LUMBER AND FUEL LIMITED. 481 West Marion St., Toronto. 11-14

### Hard Maple Wanted

We are always in the market for lots of good hard maple in stock thicknesses, and can use some 2 1/4" and 2 1/2" stock for shipment green from saw log run. Send us your stock lists or estimate on cut for which you might be interested to contract. Also we deal in Basswood and other Canadian and American Hardwoods.

HANIEL CLARK & SON, INC., 10 T.f. Corry, Pa.

### Dry Hard Maple Wanted in Carload Lots

1 1/4" x 3" in lengths of 18", 27", 36", 45" etc.  
1 1/4" x 3 1/4" same lengths.  
1 1/4" x 2 1/2" x 49" (one half each size).  
1 " x 3 1/4" x 49"  
All to be free from defects.  
Will contract for mill cuts of hard maple to be sawn into these sizes after lumber is dry, shipment next summer and fall.  
Box No. 989, Canada Lumberman, Toronto. 8-T.f.

## DIMENSION STOCK

We want to buy dry stock for prompt shipment or for future shipment.

### FURNITURE SQUARES

2 x 2 — 19" 2 x 2 — 30"  
2 1/2 x 2 1/2 — 30" 3 x 3 — 30"

Write us if you can furnish and quote prices to

THE TUNIS LUMBER COMPANY  
P.O. Box No. 750. Cincinnati, Ohio. 8-11

## Lumber For Sale

### For Sale

Slack barrel and keg material by the carload. R. J. Miller, Blacklands, Siding, N.B. 8-14

### PUBLISHER'S NOTICE

Advertisements other than "Employment Wanted" or "Employees Wanted" will be inserted in this department at the rate of 25 cents per agate line (14 agate lines make one inch). \$3.50 per inch, each insertion, payable in advance. Space measured from rule to rule. When four or more consecutive insertions of the same advertisement are ordered a discount of 25 per cent. will be allowed.

Advertisements of "Wanted Employment" will be inserted at the rate of one cent a word, net. Cash must accompany order. If Canada Lumberman box number is used, enclose ten cents extra for postage in forwarding replies. Minimum charge 25 cents.

Advertisements of "Wanted Employees" will be inserted at the rate of two cents a word, net. Cash must accompany the order. Minimum charge 50 cents.

Advertisements must be received not later than the 10th and 20th of each month to insure insertion in the subsequent issue.

### For Sale

74,000 ft. 1" Hard Maple Cull.  
45,000 ft. each 1" Soft Elm and Br. Ash dry stock, 200 M. White Pine. Will saw to order. The Pearce Co. Ltd., Marmora, Ont. 11

## 1923 Cut for Sale

Offer for sale this spring's cut, approximately as follows: 75 M. 4/4 Basswood, winter cut; 125 M. White Pine 4/4, 6/4, 8/4; 100 M. 4/4 and 8/4 Maple, no hearts; 15 M. Soft Elm 4/4; 15 M. Spruce, Balsam, Hemlock 8/4; 10 M. Cedar Squares. Will sell the whole or in smaller lots, but each sale must be a clean-up of all grades. Can ship two cars a week. E. W. Brocklebank, Lavant, Ont. 11

## Machinery Wanted

### Wanted to Purchase

Burner, about 40 ft. high, 10 ft. diameter. Give full particulars, nothing but good stock considered. Edward Zwicker & Sons, Ltd., New Germany, N.S. 11

## Machinery For Sale

### For Sale

One heavy double surfacer 26", in good order, divided rolls on top, opens 8" high. J. & W. Duncan, Ltd., 1801 Ontario St. E., Montreal, Que. 8-11

### For Sale

Second-hand sawmill of 70 Horse Power very well equipped, band saws, edger, katherine (resaw), Trimmers, Slashers, etc., at a low price for a prompt buyer. Send your enquiry. Box 248, Canada Lumberman, Toronto. 10-12

### Used Machinery for Sale

Having installed larger machines, we are offering a 74" Veneer Lathe, can be seen daily in operation, 37" Model "E" Francis Glue Spreader for waterproof glue, 6, 38" Four Screw Iron Veneer Presses. Hay & Company, Limited, Woodstock, Ontario. 8-11

## For Sale—Berlin Planer and Sizer

One No. 10 Berlin Planer and Timber Sizer, fitted with Matching Heads, slightly used, in perfect condition. Price low for quick sale. J. G. Sipprell, Halifax, N.S. 11

### Wickes Gang

GANG: No. 12 Wickes Gang, 40" sash, 15" stroke, steam boiler rolls, front and back in two sections, feed and oscillation combined, 1908 model, and has been in use for five years. We furnish with this gang 11 rolls for cuts and stock, one filing machine, and 4 sets of saws.

THE PEMBROKE LUMBER CO., 1 T.f. Pembroke, Ont.

### For Sale

One Jenckes Boiler 12' x 54".  
One Jenckes Boiler 14' x 60".  
One 16" x 20" Jenckes Slide Valve Engine. Above all complete with fittings and in first class condition. Further particulars on request. Bissell-Irwin Lumber Company, Sherbrooke, Quebec. 8-11

### For Sale

LANE NO. 2 SPECIAL SAWMILL Steam feed, Edger, log haul-up, engine, pump and other machinery at Platt Cove, N.Y. Tubular boilers, engines, pulpwood rossers, etc., at Tupper Lake, N.Y. The Santa Clara Lumber Co., Tupper Lake, N.Y. 8-11

## Saw Mill Machinery for Disposal

From the Plants of the Davison Lumber and Manufacturing Co. Bridgewater and Springfield, N. S.

1—Giddings & Lewis 8 ft. Band Mill with Allis-Chalmers Carriage Steam Feed Cylinder, 11-in. x 54-ft. complete with all equipments.

1—Giddings & Lewis 6-ft. Band Mill with New Watrous Carriage, Steam Feed Cylinder 9-in. x 48-ft complete with all equipment.

1—Giddings & Lewis 6-ft. Horizontal Band Resaw.

2—84-in. Diamond Iron Works 14 Saw Edgers.

1—Harmon 13 Saw Gang Trimmer with pneumatic control to each saw.

1—Diamond Iron Works Gang Saw.

1—Hamilton-Kendall Circular Gang Saw.

1—No. 1 1/2 Hill Steam Driven Drag Saw.

1—Hill 12-in. x 24-in. Vertical Steam Driven Cord Wood Splitter.

1—Appleton Belt Driven Horizontal Cordwood Splitter.

1—Diamond Iron Works Heavy Type Friction Log Haul-up.

1—18-in. x 10-in. x 12-in. Worthington Duplex Brass Fitted Underwriters' Fire Pump Cap. 1000 Gallons per minute.

Filing Room Machinery and Equipment, consisting of Band, Circular and Gang Sharpeners, Re-Toothers, Shears, Anvils, Brazing and Filing Clamps.

Steam Deck Equipment consisting of Steam Niggers, Kickers, Loaders, Gang Skids. Planer—1 practically new Yates No. 10—30-in. x 10-in. Planer and Sizer with side Head Grinder.

All the above for immediate disposal at low prices. Write or wire for full particulars.

### Address

**Fleming & MacLeay**

### Agents

Bridgewater, N. S.

9-12

### In Perfect Order

1 McLennan Lath Machine, 3 Saws.  
1 lath trimmer bench complete.  
1 complete set of saws and belts.  
J. Ad. Landry, Mont Joli, Que. 11

### Corliss Engine for Sale

One Goldie & McCulloch tandem compound Corliss condensing engine, latest type, 16" x 30" x 36"; fly wheel 14" x 32" face; almost as good as new; can be seen at our plant here. The T. H. Taylor Company Limited, Chatham, Ontario. 8-11

### For Sale

A Woods Planer—knife 27 inches, double surface, three knives for each cylinder, endless bed, in perfect running order. The Megantic Broom Mfg. Co. Ltd., Lake Megantic Quebec. 9-12

### For Sale

or will take manufactured lumber in exchange—one (1) right hand Clarke Brothers BAND MILL, shotgun feed with carriage complete, Stearns double duty edger, live rolls, spring saws, pulleys, shafting, etc. Haniel Clark & Sons, Inc., Corry, Pa. 10-13

## Engines, Boilers, etc., for Sale

One "Williams" Upright Engine 6" x 6".  
One Upright Engine 5" x 6".  
Six return tubular boilers of following dimensions:—  
One "Butterfield" 72" x 14'—3 1/4" tube—3/8" shell.  
One "Polson" 64" x 14'—3 1/4" tube—1/2" shell.  
One "Doty" 60" x 15'—4" tube—1/2" shell.  
One "Doty" 60" x 15'—4" tube—1/2" shell.  
One "Doty" 60" x 14 1/2'—4" tube—1/2" shell.  
One "Ingilis" 60" x 16'—3" tube—1/2" shell.  
One double acting "Northey" Fire Pump, 6" suction, 5" discharge, 14" steam cylinder, 8" water cylinder, 13" stroke, capacity 450 gallons per minute.  
One "Northey" feed pump 6 x 4 x 7" stroke, capacity 60 gallons per minute.  
One brass mill steam whistle.  
For further particulars apply The Conger Lumber Co. Limited, Parry Sound, Ontario. 13-E.o.I.-T.f.

## GOOD VALUES

### Subject to Prior Sale

Band resaw, Connell & Dengler, 54" and 60".  
Band resaw, Mershon 54" Standard.  
Band rip saw, Yates No. 281.  
Circular resaw, 44".  
E. B. Hayes, Dowel Gluer and Driver. Joiners, 16" and 24".  
Matcher, Woods No. 403 double profiler.  
Matcher, Sherman Hardwood Flooring End.  
Matcher and Sizer, 30" x 12", American.  
Matcher, Hardwood American No. 229.  
Moulder, Woods No. 2 light inside.  
Moulder, Smith 10" four side.  
Moulder, Woods 12" 5 head inside.  
Planers, all sizes single and double.  
Sanders, three drum, 30", 42", 48" and 60".  
Saws, circular, power feed, several makes.

Woodworking Machinery Co., of Buffalo, 54 Mechanic St., 9-E.o.I.-T.f. Buffalo, N.Y.

## Situations Wanted

LATH AND PICKET-MAKER wants position. 15 years experience. Will go anywhere. Good season cut. Box 271, Canada Lumberman, Toronto. 11-13

EXPERIENCED LUMBER SALESMAN, good connections Ontario and New York State. Open for immediate engagement. Box 240 Canada Lumberman, Toronto. 11-12



**WANT** to communicate with Lumber Co., desirous of securing a permanent bookkeeper familiar with woods and mill office work. Box 232, Canada Lumberman, Toronto. 9-12

**EXPERIENCED ACCOUNTANT**, married, 35 years of age, is open for engagement. Books, costs, financing, credits, collections. At present employed. Thoroughly competent and capable office manager. Apply Box 270, Canada Lumberman, Toronto. 11-15

**WANTED**—Position as manager or superintendent of lumber company. Eighteen years practical experience. Six years as manager. Best of references, both languages. Thirty-seven years old, married. Box 204, Canada Lumberman, Toronto. 11-12

**POSITION AS SUPERINTENDENT** of lumber company. Eighteen years experience logging, river-driving, sawmilling, etc., or would take charge of bush operations for pulp company. First class references. Box 268 Canada Lumberman, Toronto. 11 T.f.

**HAVE YOU A PLACE** in your concern for young man with ability, integrity, aggressiveness and dependable all times? Want permanent position with Lumber Manufacturers or Wholesalers. Have 5½ years' experience different departments handling Correspondence, Orders, Sales, Shipments, Payrolls, Bookkeeping and have full knowledge of general office routine methods connected with lumber, but would prefer position on Order and Sales end of office. Could make small investment. Like to locate in Georgian Bay, Parry Sound, Northern Ontario or Ottawa Valley districts, but other places considered. Describe fully position you have to offer. Good references and replies confidential. Box 249, Canada Lumberman, Toronto. 10-11

## Situations Vacant

**WANTED**—Capable experienced assistant mill foreman. In reply state age, nationality, experience and salary desired. Apply Box 280, Canada Lumberman, Toronto. 11-14

"Settler Wanted for Double Cut Band Mill. Must be real Live man. Apply giving references." New Ontario Colonization Co., Ltd., Jacksonboro, Ont.

**WANTED**—Competent and experienced man to salvage sunken pine and hemlock logs in Canadian lakes and streams this summer, either on salary or by contract. We want to get the benefit of the experience of other people. Apply Box 261, Canada Lumberman, Toronto. 10-13

**WANTED**—Capable mill yard foreman, one able to take entire charge of the piling of lumber and loading of cars, together with other duties customary for saw mill yard foreman. In reply state age, nationality, experience and salary desired. Apply Box 281, Canada Lumberman, Toronto. 11-14

**REQUIRED**—Experienced lumber buyer and inspector of both hardwood and softwood lumber. One understanding National Rules preferred. Must be acquainted with mills and have knowledge of buying and selling values. Apply in strict confidence, stating age, experience and salary expected to Box No. 212, Canada Lumberman, Toronto. 8-11

## Business Chances

### For Sale or Exchange

for block of timber, general store, good stock and doing good business. For full particulars apply Box 208, Canada Lumberman, Toronto. 9-12

### Lumbermen

Please send your stock sheets with prices delivered Detroit on hardwood lumber, also customer's contract for mill-cuts to A. H. David, 2626 Taylor Ave., Detroit, Mich 1-11

### For Sale

Rixon-Ainslie-Stoddart Sawmill at Owen Sound. Splendid power plant and machinery. Will be sold cheap. Apply Keenan Bros., Ltd., Owen Sound, Ont. 23 T.f.

### For Sale

Mill and Timber Limits for sale. Timber large proportion Hardwood. Mill twenty thousand capacity. Large cattle and breeding ranch. Will sell with or without ranch. Located in Eastern Ontario. Address Box No. 50, Canada Lumberman, Toronto. 22T-f.

### For Sale Cheap

Circular Sawmill, Building and Machinery; Steam Feed, suitable for Ties and Lumber.

also

Small two-storey Brick Factory, well-located, with or without woodworking machinery. Apply to John Harrison & Sons Co., Limited, Owen Sound. 24 T.f.



## TENDERS FOR PULPWOOD AND TIMBER LIMIT

Tenders will be received by the undersigned up to and including the 22nd day of June, 1923, for the right to cut pulpwood and timber on a certain area situated in the watershed of the Trout and Chapleau rivers in the district of Sudbury, comprising an area of 1,049 square miles.

Tenderers shall state the amount per cord on pulpwood that they are prepared to pay as a bonus in addition to dues of 80 cents per cord for Spruce and 40 cents per cord for other pulpwoods, or such other rates as may from time to time be fixed by the lieutenant-governor-in-council, for the right to operate a pulp Kraft mill and a paper mill.

Tenderers shall also be required to say what they are prepared to pay, per thousand feet board measure, for the following classes of timber, over and above the upset prices in addition to crown dues:

Red and white pine, upset price, \$6.00 per M. ft. B.M.

Spruce (too large for pulpwood), \$5.00 per M. ft. B.M.

Jackpine (banksian), \$2.50 per M. ft. B.M.

The crown dues on pine including Jackpine being \$2.50 and on Spruce \$2.00 per M. ft. B.M. or such other rates as may from time to time be fixed by the lieutenant-governor-in-council.

The successful tenderer shall be required to erect a mill or mills within the limit or at some point in Ontario approved by the minister, and to manufacture the wood into Kraft pulp, and also such portion thereof into Kraft paper when required so to do.

Parties making tender will be required to deposit with their tender a marked check payable to the honorable the treasurer of the Province of Ontario, for fifty thousand dollars (\$50,000.00) which amount will be forfeited in the event of the successful tenderer not entering into agreement to carry out conditions, etc.

The said (\$50,000.00 shall remain on deposit until the Kraft pulp mill, as provided by terms and conditions of sale, is erected and in operation. Any timber cut in the meantime shall be subject to payment of dues and bonus as accounts for same are rendered. After the said pulp mill is erected and in operation the deposit of \$50,000.00 may be applied on account of bonus dues as they accrue, but the regulation dues as mentioned above shall be paid in the usual manner as returns for cutting of wood and timber are received and accounts rendered.

The highest or any tender not necessarily accepted.

For particulars as to description of territory, capital to be invested, etc., apply to the undersigned.

All tenders should be enclosed in sealed envelopes and marked plainly on outside "Tender for Trout-Chapleau Pulp and Timber Limit."

BENIAH BOWMAN,  
Minister of Lands and Forests.  
Toronto, April 16th, 1923.

N.B.—No unauthorized publication of this notice will be paid for. 9-12

### Timber Limit for Sale

Approximately fifteen square miles, vicinity of Burks Falls, Ontario. Large percentage of timber Hemlock and Birch. Can be secured with part cash payment, balance in lumber. Good opportunity for small operator. Apply Box 256, Canada Lumberman, Toronto. 10-13

### FOR SALE—MILL AND TIMBER IN WEST KOOTENAY, B.C.

To close an estate we offer for sale 3,708 acres of timber, virgin forest, consisting of cedar, pine, hemlock, spruce and fir estimated at 93,000,000 feet (logs), 100,000 telephone poles and 500,000 split fence posts, together with mill, yards, office building and cottages. The mill is situated at Koch's Siding and the timber is on the Little Slokan River, about 6 miles distant. Transportation is all that could be desired. The entire property can be purchased at a reasonable figure. We desire inspection and offer. Terms will be granted to responsible parties, and for particulars communicate with the BANK OF MONTREAL, New Denver, B.C. 9-12

## Miscellaneous

### For Sale

Steam Saw Mill complete. Waterous outfit, double edger, steel rails, log track and lumber tract, also first class building, loaded on cars or where it stands. Will take lumber in exchange. Duncan Campbell, Moffat, Ont. 9-12

## An Excellent Opportunity For Contractor or Lumberman

We have large Limits on North Shore of Georgian Bay. Best quality Birch and other hardwoods, also Hemlock and Cedar. Would like to hear from party owning Tractor or Steam Log Hauler with a view of contracting to take timber out on shares or we would consider selling.

For further particulars—Apply to The North American Bent Chair Co. Limited, Owen Sound, Ontario, Canada. 11-12



## Sale of Timber

Tenders will be received by the undersigned up to and including Monday the 11th day of June, 1923, for the right to cut the timber in the township of Irish in the district of Algoma.

Further information may be obtained upon application to the undersigned or to Mr. A. H. Hucksion, Crown Timber Agent, Sault Ste Marie, Ontario.

BENIAH BOWMAN,  
Minister of Lands and Forests.  
Toronto, May 1st, 1923.  
N.B.—No unauthorized publication of this notice will be paid for.

### D. FLORENCE & SONS

Bethune St., Peterborough, Ont.  
Dealers in Scrap Iron, Metals, Second-Hand Machinery, Pipes, etc. 2-24

### For Sale

One car, 60 lbs. second hand Rails. The Laberge Lumber Co., Ltd., Sudbury, Ont. 11

### For Sale

Standing timber for sale, about 3 million ft. Box 262, Canada Lumberman, Toronto. 11-14



## Sale of Timber

Tenders will be received by the undersigned up to and including Monday, the 11th day of June, 1923, for the right to cut the timber on Berth 1.E. in the Mississauga Forest Reserve, in the District of Algoma.

Further particulars as to terms and conditions of Sale, etc., may be obtained upon application to the undersigned, or to Mr. A. H. Hucksion, Crown Timber Agent, Sault Ste Marie, Ontario.

BENIAH BOWMAN,  
Minister of Lands and Forests  
Toronto, May 10th, 1923.  
N.B.—No unauthorized publication of this Notice will be paid for.



## Sale of Timber

Tenders will be received by the undersigned up to and including Friday the 15th day of June, 1923, for the right to cut the timber on the South-west part of the township of Barr, and the North-east part of the township of Kittson, in the Temagami Forest Reserve, district of Temiskaming.

The red and white pine timber only is offered in the township of Barr.  
For conditions of sale, maps, etc., apply to the undersigned or to Mr. S. C. MacDonald, Crown Timber Agent, New Liskeard, Ont.

BENIAH BOWMAN,  
Minister of Lands and Forests.  
Toronto, May 12th, 1923.  
N.B.—No unauthorized publication of this notice will be paid for. 10

## Jack Miner is Forest Conservationist

"I am a forest conservationist first, last and all the time," said Jack Miner, the noted wild-life advocate, in a recent interview. "A man couldn't run fast enough to give me a home where the trees are already grown. I want to grow my own. I have studied the woods all my life, and, while I have never read any books on forestry, I have done some tall thinking and studying in the woods themselves. In the last ten years I have planted fully ten thousand trees on my own place at Kingsville, Ontario, and I just want to say that I consider it one of the most important and satisfying jobs I have ever done. The last four thousand trees I got I planted in clay soil where trees wouldn't grow. This had been proved because another fellow's father, and Uncle Dave, had tried it and found it couldn't be done; but my old backwoods education refused to be discouraged. I planted trees in 1915, and although, when planted, they were no higher than ordinary plants, they are now 15 feet high."

## AUCTION SALE

of

## Valuable Timber Limits and Saw Mill Property

To be sold by U. H. Dandurand Limited, Auctioneers, 101 Notre Dame West, Montreal, at 2 P.M. (Daylight time) June 20th, 1923, 15 miles of Leasehold Timber Limits and approximately three miles of Freehold Limits, situated near Rawdon village in the Township of Rawdon and Chertsey, Montcalm County, Province Quebec. Limits only worked one year.

Also a fully equipped sawmill on Lac Oureau River in Rawdon village, 1/3 mile from Canadian National Railway Station. Practically new saw mill equipped to saw lumber, spoolwood and ross pulpwood. River equipped to hold logs and haul up to mill. Other buildings on five acre mill site are, barn (large enough to house thirty horses) office building, blacksmith shop, oil house, concrete boiler house, engine and pump house.

For plans, terms and full particulars so as to arrange to inspect property and cruise limits before sale apply to Miner Lumber Company, Limited, Room 2, 207 St. James Street, Montreal, or to Auctioneers, U. H. Dandurand, Limited, 101 Notre Dame West, Montreal. Montreal, May 25, 1923.



### Settling Difficulties in Lumber Sales

As long as contracts are entered into and orders given there will be kicks, grievances and cancellations. Some of these are, no doubt, justifiable, some honest, some trifling, some unreasonable and some deceptive. Some are raised from purely factious motives or on general principles that it is well to make objection so that the other fellow may give you more than you bargained for or go out of his way to see that your wishes are met and your whims satisfied. This is the attitude which not a few assume. They appear to take special delight in seeing that everybody who caters to their interests is kept on his toes or is kept up in the bit.

Whether anything is gained by such a course or not, is doubtful, but there can be no mistaken notion that many complaints arise because the specific terms of the contract are not observed, the grade, widths and thicknesses adhered to, the conditions of payment or shipment disregarded, etc., hence some squabble or other misunderstanding. Generally speaking, however, when a firm is a legitimate and responsible one and has an honorable record and the one, with whom it does business, is known and esteemed, there is little cause for calling in an Arbitration Committee, a Bureau of Information or any of the other agencies which seek to settle or adjust points of difference. These bodies serve a useful purpose but, perhaps, their services are too frequently requisitioned.

If more attention were given by the customers to the firms from whom they bought, and the latter paid heed to those to whom they sell, there would not be so many complaints regarding non-shipment or non-filling of orders, rejected cars and other pleas and claims for rebates and allowances.

Recently the secretary of a lumber association across the line stated that some complaints were being received that customers were arbitrarily refusing to unload and that shippers were arbitrarily delaying shipment of orders. In some cases the association had rendered a service in this matter and the question arose whether a nominal charge should be made. It was stated that the organization should hold itself out to render service on either of the two situations to members without charge, except for actual disbursements.

It was further declared that there would have to be a limit to this free service, that if the members stated that a shipment was rejected and the association succeeded by letter or telegram in getting the customer to unload the shipment, the free service would end

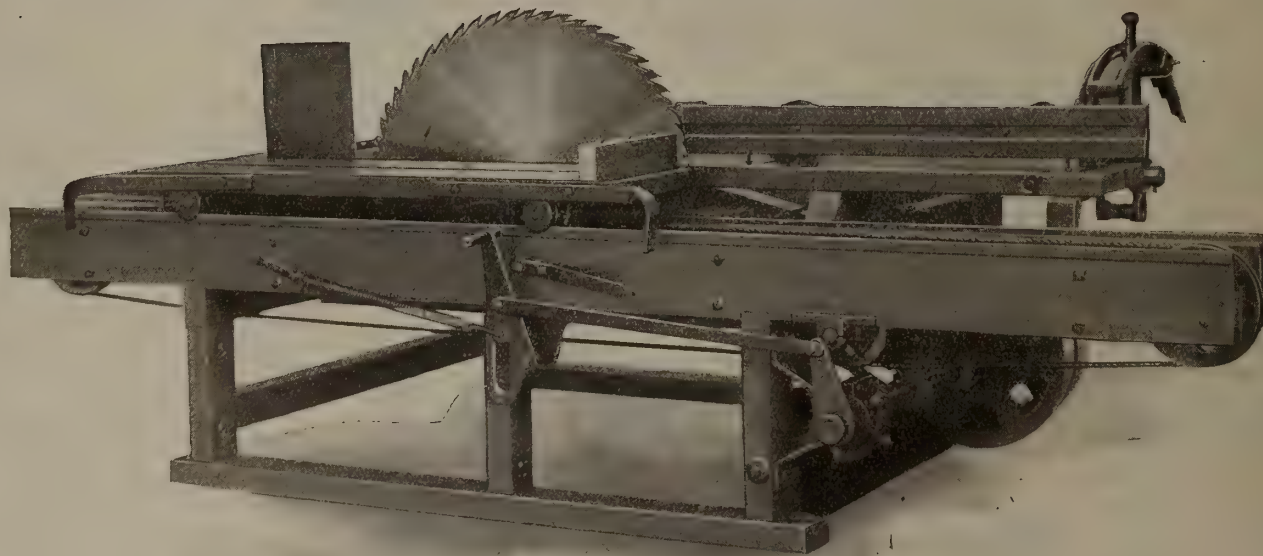
right there; if a subsequent claim arose out of the transaction, it could be handled either on the basis of a collection claim or arbitration as the circumstances required. If the service was requested to get a mill to fill the order, the service would stop when the mill made the shipment, and subsequent circumstances would determine the necessity of a collection claim or arbitration. Another thing pointed out was that if such a service was free and the matter handled by the Association, it would be a strong inducement to secure new members.

A Canadian member of the Bureau of Information, to whom this matter was submitted, said that a propaganda to encourage new members might be good but otherwise he had not much sympathy with the efforts to look after rejected cars and the non-shipment of orders. Concerning the former, he said, "Take, for instance, the case of rejected cars. If honorable firms are jointly interested, we cannot see any reason for a patron rejecting a shipment. On the other hand, we have known instances where the wholesalers have misrepresented grades in order to effect a sale and in turn their patron turning the car down. In such cases we think the wholesaler should bear the cost of any service that the association may render. We have seen many flagrant cases of where grades have not been up to the mark and the wholesaler has been to blame. Inasmuch as honorable firms would not need assistance in this matter, it seems to us that a charge should be made, said charge to cease immediately after the car had been unloaded. We also think the same principle should be applied to the non-shipment of orders."

With the above attitude, many lumbermen will agree. Another association is having it announced freely that its members buy from only legitimate wholesalers and manufacturers, this is going a long way towards relieving misunderstanding, dissension and delay.

In closing, it might be stated that the words which appeared in a previous edition of the "Canada Lumberman" under the caption of "How far do you honor contracts," would not be inappropriate at this point, and here they are,—"The retailer, wholesaler or manufacturer, who faithfully and loyally carries out his contract, even though at times it may be at a pecuniary loss to himself, is the gainer in the long run, not only in the matter of earning the goodwill and consideration of his associates in the trade, but in numerous other ways which are evident to every fair-minded, honest-thinking, square-dealing lumberman."

## "Superior" Automatic Bolter



The Superior Automatic Bolter was designed and built especially for Fraser Co's. Ltd., for use in their lath mills.

A feature of this machine is its simplicity, great strength and enormous capacity for hard, continuous work. It will make from 12 to 15 cuts per minute and is ideal for sawing mining lath, bolting round wood for house lath, or bolting white birch for spool bars. The hand lever on the side gives the operator full control of the machine

at all times, as to stopping and starting, either forward or backward. A small dog holds the control lever in the stop position.

Prices and full particulars may be obtained by writing—

**THE SMITH FOUNDRY CO., LTD.**

Fredericton - New Brunswick





Linn Logging Tractor on the Main Haul. At the beginning of a continuous up-grade, Five Miles in length and varying from 5% to 7%.

# THE LINN LOGGING TRACTOR

An engineer, when laying out a railroad line, would never think of running a grade much over 3%—yet it is an everyday occurrence, during the hauling season, for Linn Logging Tractors to haul heavy trains of saw logs or pulp wood up grades as steep as 7%, and to haul smaller trains up grades as steep as 15%. And to go down sanded hills as steep as 30%.

Pictured above is one of the average ten sleigh trains of the T. S. Woollings & Co. Limited—commencing its long up-grade lug. Picture was taken from the tenth sleigh. Trains consisted of ten, 20' rack sleighs—each sleigh loaded with seven cords, and the tractor carrying four cords. And the Woollings Company moved their 8,000 cords over the entire distance of this seven mile road—in 55 days, and at a gross hauling cost of 51½ cents per cord.

This is the fifth of a series of photographs taken in operations in Ontario and Quebec, where Linn Logging Tractors were in operation—the sixth will appear in the June 15th issue of this magazine.

*“Ask the logger who uses one”*

—Logging Department—

## MUSSENS LIMITED

Philips Place Building

Montreal



# ALPHABETICAL INDEX TO ADVERTISERS

Adams River Lumber Co. ....	23	Davies Co., Wm. ....	83	Harris Lumber Co., Frank H. .	24	Pink Co. Ltd., Thomas ....	78
American Engine & Boiler Works		Day Lumber Co., C. E. ....	69	Harris Tie & Lumber Co. ....	13	Power Lumber Co. ....	13
Anderson Lumber Co., C. G. ...	10	Department of Lands (Ontario)		Heaps & Sons, Ltd. ....	21	Radcliff Saw Mfg. Co. Ltd. ....	70
Anderson, Shreiner & Mawson .	26	Dodge Mfg. Co. ....	38	Hettler Lumber Co., Herman H.	66	Rankin Benedict Underwriting	
Apex Lumber Co. ....	24	Dominion Belting Co. ....	82	Hine Lumber Co. ....	69	Association ....	
Associated Mills Ltd. ....		Dominion Timber Products ...	32	Hocken Lumber Co., Limited ...	4	Rat Portage Lumber Co. ....	16
Atlantic Lumber Co. ....	6	Dominion Truck Equipment Co.	79	Hoe & Co., R. ....	85	Rideau Lumber Co. ....	19
Atkins & Co., E. C. ....	89	Dominion Wire Rope Co. Ltd..	78	Hopkins & Co. Ltd., F. H. ....	78	Reed & Co. Ltd., Geo. W. ....	1
Austin & Nicholson Ltd. ....	15	Dudley, Arthur N. ....	28	Hunter Lumber Co. ....		Robertson & Hackett Sawmills,	
		Dunlop Tire & Rubber Goods Co.	62	Imrie Lumber Co., R. ....	22	Limited ....	29
Bartram, J. C. ....	33	Eagle Lumber Co. ....	66	International Land & Lumber		Rolland Lumber Co. ....	22
Bainbridge Lumber Co. Ltd. ....	29	Eastman Lumber Co. ....	13	Company ....	28	Rose-McLaurin Ltd. ....	16
Bathurst Company Ltd. ....		Eaton & Sons, J. R. ....	20			Russell Harris Lumber Co. ....	13
Beauchemin & Fils ....	21	Eckardt & Co., H. P. ....	62	Johnson, A. H. ....	32	Savage & Bartlett ....	11
Beck Mfg. Co. Ltd., The C. ....	67	Edward & Co. Ltd., W. C. ....	35	Johnson Lumber Co., Inc. ....	68	Savoie-Guay Co. ....	30
Bell, Geo. W. ....	10	Elk Fire Brick Co. ....	86	Julien, Roch ....	14	Schroeder Mills & Timber Co. ...	25
Bennett Lumber Co. Ltd. ....	29	Elmira Machinery & Transmission		Kander, Allen ....	68	Scott, Draper & Co. ....	29
Benard Industrial Co., The A. ..	77	Company ....		Keewatin Lumber Co. ....	13	Sewell, Jas. W. ....	11
Beveridge Supply Co. Ltd. ....	80	Engineering & Machine Works .		Kennedy & Sons, Wm. ....	70	Shevlin-Clark Co. ....	4
Big Bear Lumber Co. ....	28	Eureka Lumber Co. ....	69	Kinnon Lumber Co. ....	22	Shimer Cutter Head ....	
Bigley, R. ....		Excelsior Lumber Co. ....	12	Knox Brothers ....	3	Shull Lumber & Shingle Co. ....	32
Black Rock Lumber Co. ....	19	Farnworth & Jardine ....	10	Laidlaw Bale Tie Co. ....		Shurly Dietrich Co. ....	82
Blanchard Lumber Co. ....	63	Fassett Lumber Co. ....	18	Lamontagne Limited ....	79	Shurly Co. Ltd., T. F. ....	80
Bowden Bros. ....	70	Fesserton Timber Co. ....	5	Langlois & Paradis ....		Simonds Canada Saw Co. ....	38
Brady Machinery Co. ....	92	Fly Terror Mfg. Co. ....		Larkin Co., C. A. ....	35	Smart, Jas. ....	
Brantford Roofing Co. ....	81	Foley Lumber Co. ....	11	Larkin Lumber Co. ....	20	Smith Foundry Co. ....	74
British Columbia Lumber		Fraser Bryson Lumber Co. Ltd.	22	Leigh Lumber Co. ....	15	Smith, N. ....	10
Commissioner ....	14	Fraser Companies Ltd. ....	17	Lemay, E. H. ....	66	Spanish River Lumber Co. ....	8
Brennen & Sons, F. W. ....	13	French, G. M. ....	16	Linton Lumber Co. ....	33	Stack Lumber Co. ....	16
Brewster Loud Lumber Co. ....	68	Gates Engineering Co. ....	85	Loggie, W. S. ....	16	Stalker, Douglas A. ....	21
Brownlee, E. G. ....	69	Gartshore, John J. ....	1	Lloyd, W. Y. ....	11	Staples Lumber Co., Otis ....	64
Burchill & Sons, Geo. ....	28	General Supply Co. of Canada,		London Concrete Mach'y Co., Ltd.	69	St. Lawrence Lumber Co. ....	
Bury & Co., Robert ....	25	Ltd. ....	36	Long Bell Lumber Co. ....		St. Mary's Wood Specialty Co. .	10
		Gerlach Co., Peter ....	78	Long Lumber Co. ....	33	Stillwell-Ruhlman Lumber Co. .	68
Cameron Lumber Co. ....	23	Gidley Boat Co. Ltd. ....	1	Long Manufacturing Co., E. ....	90	Story Lumber Co. ....	29
Campbell, MacLaurin Lumber		Gillespie, Jas. ....	11	Lumbermen's Indemnity		Stroud & Co., E. H. ....	
Company ....	66	Gillies Bros., Ltd. ....	20	Exchange ....		Summers, James R. ....	10
Canada Foundries & Forgings ..		Godfrey Lumber Co. ....	68	McCormack Lumber Co. ....	15	Sutherland, A. A. ....	19
Canadian General Lumber		Goodhue & Co. Ltd., J. L. ....		McCuaig & Co., Jas C. ....	22	Swain & Boggs Co. ....	68
Co., Ltd. ....	11	Goodday & Co., H. R. ....	18	McDonagh Lumber Co. ....	14		
Canadian Link-Belt Co. ....		Gordon & Co. Ltd., Geo. ....	8	McElroy Lumber Co. ....		Talbot Trustee Co., C. B. ....	68
Canadian Western Lumber		Grant-Holden-Graham Ltd. ....		McFadden Ltd., J. J. ....	26	Terry-Nicholson-Cates Ltd. ....	9
Co., Ltd. ....	34	Gloucester Lumber & Trading ..		McLennan Lumber Co. ....	15	Thompson & Heyland Co. ....	20
Canada Wire & Iron Goods ....	64	Gordon Lumber Co., A. E. ....	7	McLaren, Limited, D. K. ....	37	Thurn Maxon Lumber Co. ....	15
Canfield-Wilmot, Ltd. ....	28	Gravel Lumber Co. Ltd. ....	33	MacLean Building Reports ....	73	Thurston-Flavelle Ltd. ....	24
Cant & Kemp ....	10	Gregertsen Brothers Co. ....	22	McNeil Lumber Co. ....	67	Timberland Lumber Co. ....	23
Canadian Holt Co. ....	71	Green Co., G. Walter ....	80	Manufacturers' Lumber Co. ....	12	Timms, Phillips & Co. ....	32
Canadian Milk Products ....	77	Grier & Sons, G. A. ....	27	Mason & Co., G. ....	11	Toronto Blower Co. ....	67
Canadian Tie & Lumber Co. ....	26	Greig-Morris Co. ....	20	Mason, Gordon & Co. ....	30	Tudhope Anderson Co. Ltd. ....	80
Carpenter-Gordon Co. ....	68	Greening Wire Co., B. ....		Maus, Chas. O. ....	21	Turner & Sons, J. J. ....	1
Chaleurs Bay Mills ....	5	Gutta Percha & Rubber Ltd. ..	36	Mershon, Wm. B. ....	87	Turner Lumber Agency ....	68
Chesbro, R. G. ....	35	Hall, Adam ....		Miller Co., W. H. ....	20		
Clark Bros. Co. ....	87	Hall Bros. ....	19	Miller Lumber Co., Inc. ....	68	Underhill Lumber Co. ....	32
Clark & Son, Edward ....	6	Hamilton Co., Ltd., Wm. ....	2	Montreal Locomotive Works ...	86	U. S. Buyers ....	68-69
Cleveland-Sarnia Sawmills Co. .	60	Hansen, A. K. ....	14	Montreal Lumber Co. ....	10		
Climax Manufacturing Co. ....	64	Hardy & Co., E. D. ....	1	Muir & Kirkpatrick ....	30	Vancouver Lumber Co Ltd. ....	31-32
Colthart & Co., Robt. ....	10			Mussens, Limited ....	75	Victoria Harbor Lumber Co. Ltd.	18
Crane, Limited ....				Neville Cooper Co. ....	87	Warburton & Co. Ltd., W. C. ..	76
Dadson, A. T. ....	13			Nevison, J. L. ....		Waterous Engine Works Co.,	
D'Auteuil Lumber Co. ....	19			New Ontario Colonization Co. .	12	Limited ....	91
				Northern Pacific Logging Co. ..	32	Watson & Todd ....	12
				Oliver Lumber Co. ....	35	Westminster Mill Co. ....	32
				Otis Staple Lumber Co. Ltd. ..	64	West Peachy & Sons ....	78
				Parry Sound Lumber Co. ....	12	Wightman Lumber Co. ....	67
				Payette Co., P. ....		Wilkins Co. Ltd., Robert C. ....	30
				Pedwell Hardwood Lumber Co. .	14	Wistar, Underhill & Nixon ....	14
				Petrie Ltd., H. W. ....	1	Woods Mfg. Co. Ltd. ....	83
				Phillips, Thos. N. ....	19	Woodstock Lumber Co. ....	68
						Yates Machine Co., P. B. ....	
						York belting Co. ....	10

## Of Interest to Lumber Dealers



Because it fills a *real* need

### MELDRUM

LUMBER HAULING ATTACHMENT  
(Patent Applied for)

PRICE \$125.00 f.o.b. Toronto

Canadian Distributors

**W. C. Warburton & Co. Limited**

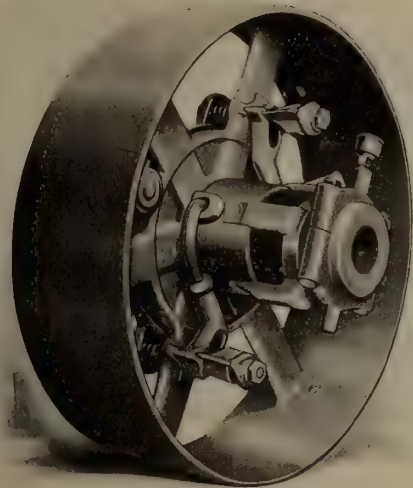
670 Bloor St. W. Toronto, Ont.

In addition to the Meldrum Lumber Hauling Attachment, we are distributors of two and four wheeled trailers—for the Fordson—equipped with lumber unloading device.



# THE BERNARD FRICTION CLUTCH

## AND WHAT IT WILL DO



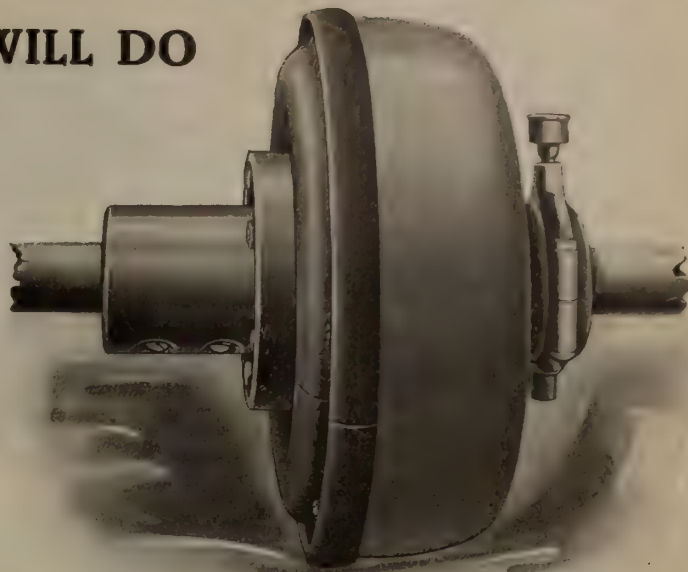
Friction Pulley Style C

Increase efficiency in production.

Reduce the cost of upkeep.  
Facilitate operation.

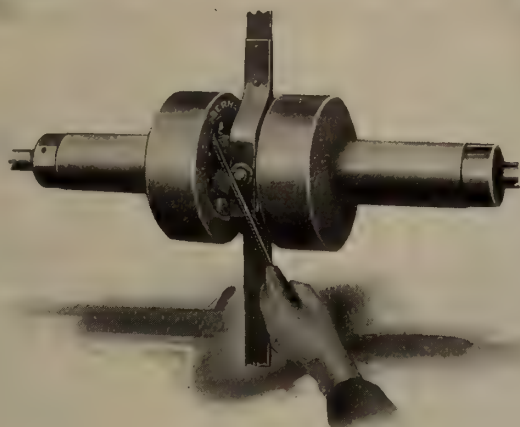
Control of each department.

Safety to workmen and safety to the belt.



Clutch, Style F

Wherever high grade equipment is desired, Bernard clutches are the selection. Consult our engineering service for your problems and how to handle special installations.



Duplex Clutch, Style B.B.

Friction control means better machine, more production. We are the largest Canadian manufacturers of Friction Clutches in Canada. Ask for our catalogue.

**The A. Bernard Industrial Co., Fortierville, Que.**

# C. M. P. Powdered Milk

Brings Fresh Liquid Milk to Drink and Cook with to the most out-of-the-way spots.



"TRUMILK"

Powdered whole milk in 45 lb. and 90 lb. drums and 180 lb. barrels. Order direct from us.

"MILKSTOCK"

Powdered skimmed milk in 50 lb. and 100 lb. drums and 200 lb. barrels. Order from your jobber or direct.

Powdered Milk is convenient. See that the cook has always sufficient on hand. He mixes only what he needs at the moment—the remainder will keep until needed.

C.M.P. Powdered Milk is simply pure cow's milk—either whole or skimmed, as you may order—without the water. The original flavor and characteristics are there. Simply put the water back and you have fresh liquid milk.

**CANADIAN MILK PRODUCTS, LIMITED**  
347 Adelaide Street West, Toronto, Ont.

366 St. Paul Street West,  
Montreal, Que.

British Columbia Distributors:  
Kirkland & Rose  
130 Water Street, Vancouver, B.C.

428 Main Street,  
Winnipeg, Man.



# Pink's Lumbering Tools

The Standard Tools in every province of the Dominion, New Zealand, Australia, etc.  
We manufacture all kinds of lumber tools. Light and Durable.

Long Distance Phone, No. 87

Send for Catalogue and Price List.

Sold throughout the Dominion by all Wholesale and Retail Hardware Merchants.

## The Thomas Pink Company, Limited

*Manufacturers of Lumber Tools*

PEMBROKE

ONTARIO

It's a Pink any-  
way you take  
it and it's the  
best Peavey  
made.



*Not altogether what we say,  
but what users say*

"We have used the Alligator or Warping Tug manufactured by you for the last 7 or 8 years, and consider them indispensable to lumbermen on waters of French River or similar streams."

Will move a bag containing 60,000 logs,  
in calm weather, 30,000 in a head wind.

**West, Peachey & Sons Simcoe, Ont.**



## Gerlach Modern Machinery Produces Cheaper and Better

Tight and Slack Cooperage Stock for Barrels, Kegs and Tubs, ready to set up into non-leaking packages of 5 to 120 gallons liquid capacity, or for semi-liquid and dry materials up to 800 lbs. weight. We manufacture machinery for sawing, jointing, planing and crozing staves; for sawing, jointing, dowsing, planing and circling heading.

### MODERNIZE YOUR PLANT

Scrap Machinery invented before the Civil War and install a Gerlach Outfit that will make Tight Barrels that are tight, from any strong non-porous timber.

### BUILD

Barrels with perfect joints that will not leak; a product that is infinitely superior to the tin and iron near barrels now being experimented with. Wood is tasteless, stainless and rustless and being a poor conductor of heat or moisture, keeps its contents in their original condition.

### CYLINDER SAWS RESTEELED

### MODERN BOXBOARD MACHINERY

## The Peter Gerlach Co.

Columbus, Winter and Leonard Sts.  
CLEVELAND, OHIO



**Wire Rope, Special Alligator Ropes, with  
proper Attachments. Saw Carriage Ropes.  
Haulage Ropes. Wire Rope Fittings.**

IMMEDIATE SHIPMENT

## The Dominion Wire Rope Co.

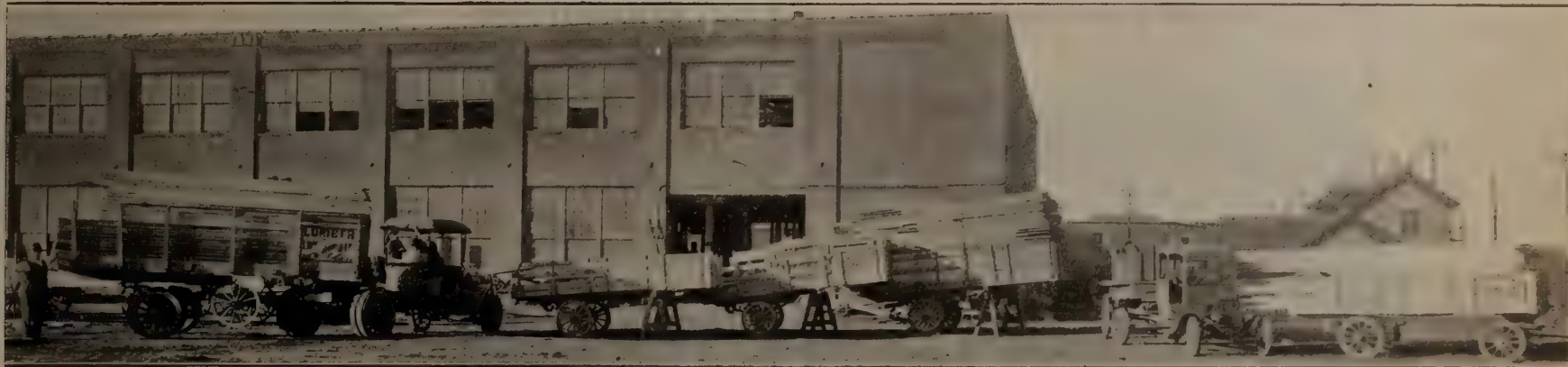
LIMITED

Head Office: MONTREAL

Stocks also at: TORONTO, WINNIPEG



# Other Lumbermen are Saving Money---



## Why Don't You?

Hauling costs can be reduced and ARE being reduced by an increasing number of lumbermen every day—with Dominion Trailers.

There is no reason why you cannot accomplish the same results. If you will get in touch with us we shall be only too pleased to show you how your trucks can be made to double and perhaps treble their rated capacity. Write us today.

## Dominion Truck Equipment Co. Limited

TRAILERS  
TRUCK UNITS



HOISTS  
DUMP BODIES

KITCHENER, ONT.

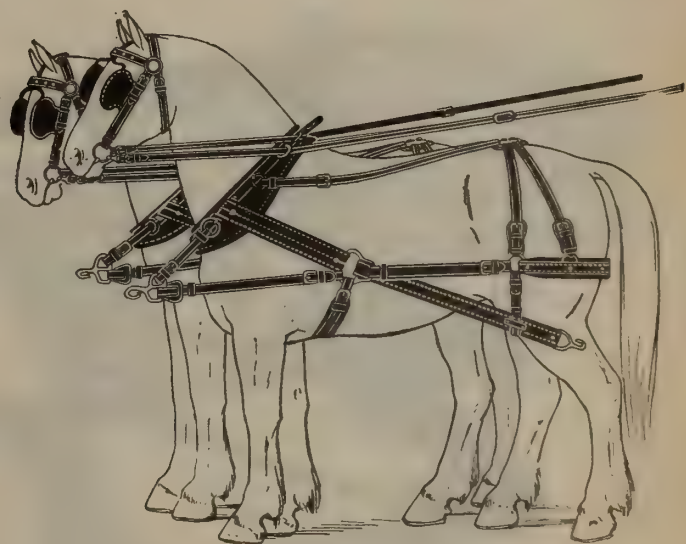
## What about your Harness Requirements?

When you think of HARNESS  
think of LAMONTAGNE LIMITED.



Alligator Brand Harness

The only harness that will stand up to  
the exacting demands of the lumber-  
ing industry.



HORSE BLANKETS FOR THE LUMBER TRADE A SPECIALTY.

52 Crown Street,  
QUEBEC.

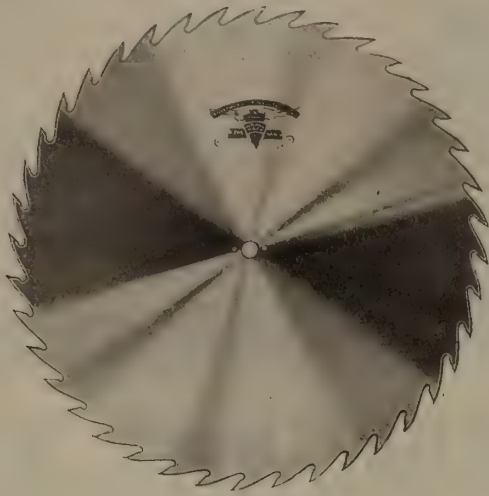
*Lamontagne Limited.*

110 Princess Street,  
WINNIPEG

Headquarters: 338 Notre Dame St. W., MONTREAL



***For Economy's Sake - -***

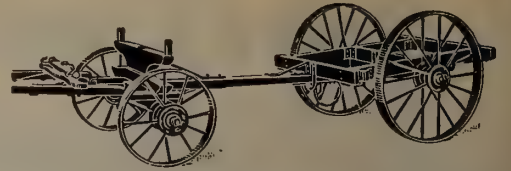


## Use Arrow Head Saws

The Chrome Vanadium Steel of which Arrow Head Saws are made and whose special process of tempering is known only to us, is giving mill owners the greatest "saw mileage" ever known.

**T. F. Shurly Co., Limited**  
St. Catharines, Ontario.

**Service under  
all conditions**



## The Lumber Truck with Steel Wheels

Keep your deliveries and car unloading going smoothly always by using this handy detachable truck with wide tire steel wheels. The wide tire steel wheels can not come off and any width of tire may be used.

Wood parts are, air seasoned and kiln dried; thoroughly ironed and braced. Axles are high quality square steel. Why not learn all particulars by writing for our free catalogue now?

**Tudhope-Anderson Co., Ltd., Orillia, Ont.**



### AMBEST

The great advantage over other Metallic Packings is in the fact that from the same can any size may be had for any rod or valve stem, large or small.

### BULL BEARING ALLOY

Combines low cost and endurance in a surprising fashion. Try it out. Our Feed Water Treatments will solve your scale troubles.

**BEVERIDGE SUPPLY COMPANY LIMITED**  
628-630 St. Paul St. West, MONTREAL, P. Q.

# Shingle, Box-board and Heading Machine



This machine carries a 40" saw and is of the most modern type in every respect. Our Double Shingle Jointer which also carries a 40" saw and our iron frame Packer makes a most complete outfit. Write for printed matter and prices.

*Gray Iron Castings a Specialty.*

**The G. Walter Green Co., Limited**  
Peterborough — Ontario





## Brantford Roofs

*And NOW—Still Better Roofs*

AMONG the people who know most about Roofing materials, Brantford Roofing has been for many years the standard by which other roofing is judged. Now we have perfected new processes, which improve the quality of Brantford Roofs.

This policy of keeping the leadership in quality—has held our big lead in sales.

UNFADING COLORS—Brantford Roofs have the natural colors of the slate with which they are faced—Blue-Black, Red, Tile-Red and Green.

Distributed under Brantford Roofing Trade Marks, through Brantford Roofing Dealers. Stock carried, information furnished, service rendered by our dealer in your district.

BRANTFORD ASPHALT SLATES are sold in 4-in-1 Slabs. WINTHROP TAPERED ASPHALT SLATES have heavy butts. ARRO-LOCK SLATES are laid in diagonal lines—OVER OLD ROOFS.

Write for descriptive literature and advice on Roofing problems.  
Brantford Roofing Co., Limited Head Office and Factory Brantford, Ont.  
Branches at: Toronto, Montreal, Halifax and Winnipeg

Brantford  
Winthrop  
Tapered  
Asphalt Slates,  
in their pleasing  
color tones, aid  
the home-planner  
to achieve charm-  
ing architectural  
effects.

Another of the 1923  
campaign 800 line  
advertisements in  
daily newspapers.

*Homes of every class and size are now  
built with Brantford Roofs. The market  
grows from year to year.*

## Brantford Dealers get the Business



## JOHNSON'S Veterinary Remedies

are the surest, the most economical and the best medicines with which to equip your stables. They have been on the market for thirty years and still retain their superiority over all others.

The quality never varies, it is our first consideration. Prices in effect at the present time are as follows:

Johnson's Horse Liniment No. 1	Per Gal.	\$7.00
Johnson's Horse Liniment No. 1	Quarts, Per Doz.	19.00
Johnson's Horse Liniment No. 1	Pints, Per Doz.	10.00
Johnson's Horse Colic Remedy	Per Gal.	12.50
Johnson's Horse Colic Remedy	Quarts (8 Doses each) Doz.	30.00
Johnson's Horse Colic Remedy	Pints (4 Doses each) Doz.	15.00
Johnson's Veterinary Healing Ointment (Gall Cure)		
2 lb Tins	each 2.25 Doz.	24.00
¼ lb. Tins	Per Doz.	4.00
Johnson's Concentrated Condition Powders, 1 lb. Pkgs.	Doz.	6.50
Johnson's Condition Powder, No. 2	Doz.	3.00
Johnson's Horse Worm Powders	Pkgs. Per Doz.	8.00
Johnson's Purging Balls	Per Doz.	4.00
Johnson's Cough & Heave Powders	Per Doz.	4.50
Johnson's Antiseptic Dusting Powder		
(For Drying and Healing Sores, Proud Flesh, etc.)	Per Doz.	8.00
"Kreoline," antiseptic, deodorizing	Per Gal. Tin	1.90

Our Family and Van Remedies are as follows:—

Pine and Tar Cough Syrup	Big 4 Liniment—Mosquito Oil
Purgative Pills	X Ray Liniment
Little Liver Pills	Cholerine Mixture (Diarrhoea)
Porous Plasters	Headache Powders
Stomach Bitters	Sarsaparilla
Laxative Cold Tablets	All Healing White Ointment

All Drugs and Patent Medicines at Market Prices.

Mail orders solicited — Prompt shipments made.

**A. H. JOHNSON** WHOLESALE DRUGGIST  
Collingwood, Ontario

*Sole Manufacturers of the Celebrated*

## "MAPLE LEAF" BRAND Stitched Cotton Duck Belting

**Strong Durable Economical True Running**

*Specially adapted for use in Lumber Mills*



We have a good stock of well seasoned belting on hand, and would be pleased to receive your orders. Ask your Superintendent what he requires. The best is the cheapest.

## MAPLE LEAF BELT DRESSING

The Best for all Kinds of Belts

WRITE FOR SAMPLES AND PRICES

Quebec Branch: 51 Duluth Building, MONTREAL

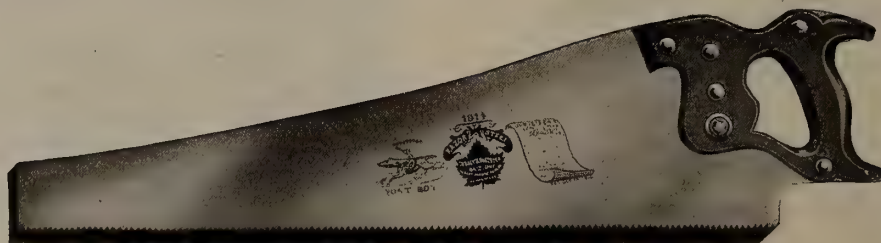
**DOMINION BELTING CO.**

HAMILTON LIMITED ONTARIO CANADA

# MAPLE LEAF SAWS



MADE OF  
FINEST RAZOR STEEL



Why take chances on your saw purchases, when you can buy saws you know are good—the guaranteed Maple Leaf?



**Shurley-Dietrich Co. Ltd., Galt, Can.**

Branch at Vancouver

Agencies throughout the world



# DAVIES

## Long Clear Bacon

Just the food for use in your Camp for the Coming Season. We can give you a very fine grade which is sure to please. Send us your next order.

**Camp Beef**  
High Grade  
Fresh or Frozen  
Beef

**Quality Meats**  
Smoked Meats  
Salt Pork  
Camp Sausage

We also have  
**Pickled Rolls**

in barrels and also loose at low prices

**THE WILLIAM DAVIES COMPANY LIMITED**

Head Office **TORONTO**

Branches at:— **MONTREAL** - **SYDNEY** - **HAMILTON**

Positively  
Water and  
Mildew  
Proof.

Light in  
Weight.

The Best  
Made.

# Galbaduk

TRADE MARK

Made In  
Our Own  
Plant By  
A Machine  
Applied  
Process.

**Tarpaulins For Every Purpose That A Waterproof Fabric Is Required**



**BUY** Galbaduk once and you will come again with your next order. For tent tops and coverings for building materials Galbaduk is unequalled.

**A** POST card will bring samples and prices by return mail.

**WOODS**  
Manufacturing Co., Ltd.  
**OTTAWA, CANADA**



Also in Toronto, Montreal,  
Winnipeg and Welland



# CANADA LUMBERMAN BUYERS' DIRECTORY

The following regulations apply to all advertisers:—Eighth page, every issue, three headings; quarter page, six headings; half page, twelve headings; full page, twenty-four headings

## ALLIGATORS

Payette Company, P.  
West, Peachy & Sons

## AXES

Canada Foundries & Forgings Ltd.

## BABBITT METAL

General Supply Co., of Canada, Ltd.

## BALE TIES

Laidlaw Bale Tie Company

## BAND MILLS

Hamilton Company, William  
Waterous Engine Works Company  
Yates Machine Company, P. B.

## BAND SAW BLADES

Simonds Mfg., Co.

## BAND RESAWS

Mershon & Company, W. B.  
Yates Machine Co., P.B.

## BARKERS

Bertrand, F. X., La Compagnie  
Manufacturiere.  
Smith Foundry & Machine Co.

## BEARING METAL

Beveridge Supply Co., Ltd.

## BELT DRESSING

Dominion Belting Co.  
General Supply of Canada, Ltd.  
McLaren, D. K. Ltd.

## BELT FASTENERS

McLaren, D. K. Ltd.

## BELTING

Dominion Belting Co.  
General Supply Company  
Goodhue & Co., J. L.  
Gutta Percha & Rubber Company  
D. K. McLaren, Limited  
York Belting Co.

## BLOWERS

Reed & Co., Geo. W.  
Sturtevant, B. F. & Co.  
Toronto Blower Company

## BOILERS

Engineering & Machine Works of  
Canada  
Hamilton Company, William  
Waterous Engine Works Company

## BOILER PRESERVATIVE

Beveridge Supply Company

## BOX MACHINERY

Yates Machine Company, P. B.

## CABLE CONVEYORS

Engineering & Machine Works of  
Canada.

Hamilton Company, William  
Waterous Engine Works Company

## CAMP SUPPLIES

Davies, The Wm. Co., Ltd.  
Dr. Bell Veterinary Wonder Co.  
Howland, H. S. Sons & Co.  
Johnson, A. H.  
Turner & Sons, J. J.  
Woods Manufacturing Co., Ltd.

## CANT HOOKS

General Supply Co., of Canada, Ltd.  
Pink & Company, Thomas

## CARS

Mussens, Ltd.

## CEDAR

Adams River Lumber Co.  
Bury & Co., Robt.  
Cameron Lumber Co.  
Canadian Western Lumber Co.  
Chesbro, R. G.  
Fesserton Timber Company  
McElroy Lumber Co., Ltd.  
Muir & Kirkpatrick  
Rose, McLaurin, Limited  
Terry-Nicholson-Cates Ltd.  
Thurston-Flavelle Lumber Co.  
Vancouver Lumber Company.  
Victoria Lumber & Mfg. Co.

## CHAINS

Canadian Link-Belt Company, Ltd.  
General Supply Co., of Canada, Ltd.  
Engineering & Machine Works of  
Canada  
Hamilton Company, William  
Pink & Company, Thomas  
Waterous Engine Works Company

## CLOTHING

Grant-Holden-Graham  
Woods Mfg. Company

## CONCRETE MIXERS

Mussens, Ltd.

## CONVEYOR MACHINERY

Canadian Link-Belt Company, Ltd.  
General Supply Co., of Canada, Ltd.  
Hamilton Company, William  
Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.  
Waterous Engine Works Company

## CORDWOOD

McClung, McLellan & Berry

## COUPLING (Shaft)

Engineering & Machine Works of  
Canada

## CRANES

Hopkins & Co., Ltd., F. H.  
International Land & Lumber Co.  
Canadian Link-Belt Company, Ltd.

## CUTTER HEADS

Shimer Cutter Head Company  
Yates Machine Co., P.B.

## CYPRESS

Maus Lumber Co., Chas. O.  
Wistar, Underhill & Nixon

## DERRICKS AND DERRICK FITTINGS

Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.

## DOORS

Canadian Western Lumber Co.  
Mason, Gordon & Co.  
Terry-Nicholson-Cates Ltd.

## DOORS, FIREPROOF

Mussens, Ltd.

## DRAG SAWS

Gerlach Company, Peter  
Hamilton Company, William

## DRY KILNS

Sturtevant, B. F. & Co.  
DUST COLLECTORS  
Reed & Co., Geo. W.  
Toronto Blower Company

## EDGERS

Hamilton Company, Ltd., William  
Green Company, G. Walter  
Long Mfg. Company, E.  
Payette Company, P.  
Waterous Engine Works Company  
Yates Machine Co., P.B.

## ELEVATING AND CONVEYING MACHINERY

Canadian Link-Belt Company, Ltd.  
Engineering & Machine Works of  
Canada

Hamilton Company, William  
Mussens, Ltd.  
Waterous Engine Works Company

## ENGINES

Engineering & Machine Works of  
Canada  
Hamilton Company, William  
Payette Company, P.  
Sylvester Manufacturing Co.  
Waterous Engine Works Company

## EXCELSIOR MACHINERY

Elmira Machinery & Transmission  
Company

## EXHAUST FANS

Sturtevant, B. F. & Co.  
Toronto Blower Company

## EXHAUST SYSTEMS

Reed & Co., Geo. W.  
Toronto Blower Company

## FURNACES

Gates Engineering Co.

## FILES

Simonds Canada Saw Company

## FIR

Adams River Lumber Co.  
Apex Lumber Co.  
Associated Mills, Limited  
Bainbridge Lumber Company  
Cameron Lumber Co.  
Canadian Western Lumber Co.  
Canfield-Wilmot, Ltd.  
Chesbro, R. G.

Fesserton Timber Co.  
Gordon Lumber Co., A. E.  
Grier & Sons, Ltd., G. A.  
Knox Brothers  
Mason, Gordon & Co.  
McElroy Lumber Co., Ltd.  
Rat Portage Lumber Co.  
Robertson & Hackett Sawmills  
Rose, McLaurin, Limited

Terry-Nicholson-Cates Ltd.  
Timberland Lumber Company  
Timms, Phillips & Co.  
Underhill Lumber Co.  
Vancouver Lumber Company  
Vanderhoof Lumber Company  
Victoria Lumber & Mfg. Company

## FIRE BRICK

Beveridge Supply Co., Limited  
Elk Fire Brick Company of Canada

## FIRE FIGHTING APPARATUS

Waterous Engine Works Company

## FITTINGS

Crane Limited

## FLOORING

Cameron Lumber Co.  
Canfield-Wilmot, Ltd.  
Chesbro, R. G.  
Gordon Lumber Co., A. E.  
Long-Bell Lumber Company  
Rat Portage Lumber Co.  
Terry-Nicholson-Cates, Ltd.

## GEARS (Cut)

Smart-Turner Machine Company

GUARDS (Machinery and Window)  
Canada Wire & Iron Goods Co.

## HARDWOODS

Anderson Lumber Company, C. G.  
Anderson, Shreiner & Mawson  
Atlantic Lumber Company  
Black Rock Lumber Co.  
Bury & Co., Robt.  
Cameron & Company  
Clark, Edward & Sons  
Edwards & Co., W. C.  
Fassett Lumber Company, Limited  
Fesserton Timber Co.  
Gillespie, James  
Gloucester Lumber & Trading Co.  
Grier & Sons, Ltd., G. A.  
Harris Lumber Co., Frank H.  
Kinnon Lumber Co.  
Long-Bell Lumber Co.  
Knox Brothers  
Mason & Company, Geo.  
Maus Lumber Co., Chas. O.  
McDonagh Lumber Company  
McLennan Lumber Company  
McNeil Lumber Co.  
Murphy Lumber Co., Wm. J.  
Pedwell Hardwood Lumber Co.  
Summers, James R.

## HARDWOOD FLOORING

Grier & Sons, Ltd., G. A.  
Seaman-Kent Co.

## HARNESS

Lamontague, Ltd.

## HEMLOCK

Anderson Lumber Company, C. G.  
Anderson, Shreiner & Mawson  
Beck, C. Mfg. Co.  
Big Bear Lumber Co.  
Canadian General Lumber Company  
Edwards & Co., W. C.  
Fesserton Timber Co.  
Gordon Lumber Co., A. E.  
Grier & Sons, Ltd., G. A.  
Hocken Lumber Company  
Mason, Gordon & Company  
McCormack Lumber Company  
McDonagh Lumber Company  
McElroy Lumber Co., Ltd.  
Rat Portage Lumber Co.  
Robertson & Hackett Sawmills  
Stalker, Douglas A.  
Terry-Nicholson-Cates Ltd.  
Vancouver Lumber Company  
Vanderhoof Lumber Company

## HOISTING AND HAULING ENGINES

General Supply Co., of Canada, Ltd.

(Continued on page 124)





## THE MARK OF DISTINCTION IN CIRCULAR SAWS



The first Circular Saws made in this Country were placed on the market by R. HOE & CO. in 1828, and GENUINE HOE SAWS have held the leadership in QUALITY, FINISH and SATISFACTORY SERVICE during the 94 years intervening to the present day.

For all purposes, and under all climatic conditions, the GENUINE HOE CHISEL-TOOTH and SOLID TOOTH CIRCULAR

SAWS have proven their superiority in every part of the World, and backed by a guarantee of absolute satisfaction no operator could do better than to use GENUINE HOE SAWS exclusively.



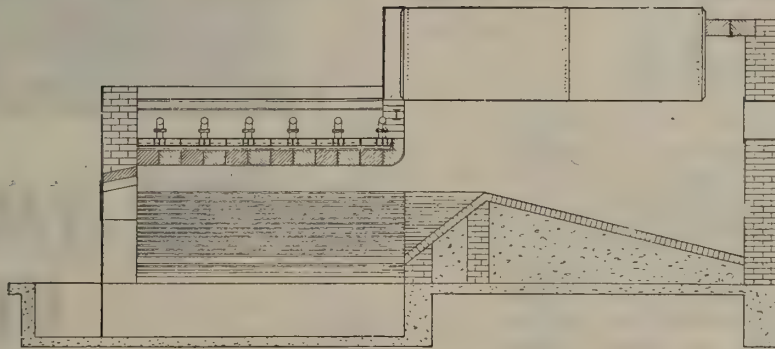
**R. HOE & CO., NEW YORK**

**AMERICA'S OLDEST SAW MANUFACTURERS**

# GATES FURNACE

## For Burning Sawdust and Hog Fuel

*Will burn tan bark, hog fuel  
and sawdust efficiently, with up  
to 60% moisture.*



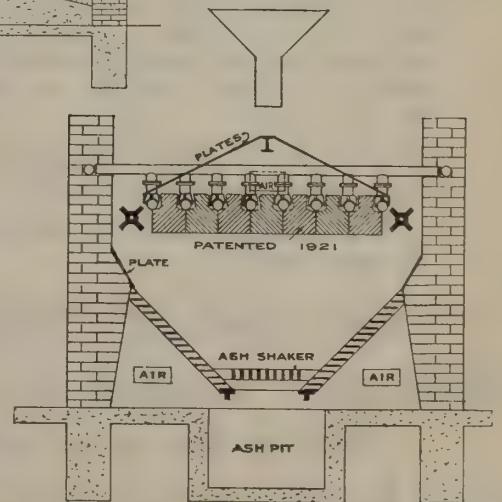
**Gates Air Cooled Sus-  
pended Arches**

**Boiler Door Arches and  
Jambs**

The Water or Air cooled Suspension Arch, suspended over a furnace built with incline grates, to prevent the coning of sawdust and refuse material, combined with the automatic feed and drying chamber suspended directly over arch, absorbing the heat from arch roof which removes the required percentage of moisture from the material to be burned. Note that fuel is partly dry before receiving air while passing over dry plate chamber at the lower edges, thence into combustion chamber space over the fuel bed. All ash is removed by stoking grate at the bottom of furnace. All fuel sliding down the incline grates comes in contact with a special draft action, owing to the horizontal air spacing, through the incline gates on either side, the draft currents arrive at a focus of combustion in the centre of the furnace, causing the gases and flame to meet and roll towards the edges of dry plates, thus increasing the drying capacity, and thoroughly drying tan bark or fuel which is being burnt.

The blocks in these arches are supported independently of the other, allowing any one brick to be removed and replaced without disturbing any other portion of arch.

We specialize in Boiler Settings and Furnace Brickwork and give the benefit of (30) thirty years' experience. Ready to go anywhere to build new Boiler Settings and overhaul and Reset old Boilers and build Furnaces.



**Gates Engineering Company Ltd., 314 Notre Dame St. W, Montreal**

**J. W. Gates, General Manager**

**Phone Main 662, Melrose 367**



Hopkins & Co., Ltd., F. H.  
London Concrete Machinery Co.  
Mussens, Ltd.

**HOSE**

General Supply Co., of Canada, Ltd.  
Gutta Percha & Rubber Company  
Mussens, Ltd.

**INSURANCE**

Hardy & Company, E. D.  
Lumberman's Indemnity Exchange  
Rankin Benedict Underwriting Co.

**INTERIOR FINISH**

Cameron Lumber Company  
Canadian Western Lumber Co.  
Canfield-Wilmot, Ltd.  
Eagle Lumber Company  
Mason, Gordon & Co.  
Rose, McLaurin, Limited  
Terry-Nicholson-Cates, Ltd.

**KILN DRIED LUMBER**

Bury & Co., Robt.

**KNIVES**

Disston & Sons, Henry  
Simonds Canada Saw Company  
Waterous Engine Works Company

**LAMPS AND LANTERNS**

Coleman Lamp Co.  
Mussens, Ltd.

**LARCH**

Otis Staples Lumber Company

**LATH**

Adams River Lumber Co.  
Anderson, Shreiner & Mawson  
Apex Lumber Company  
Austin & Nicholson  
Beauchemin & Fils, P.  
Beck, C. Mfg. Co.  
Brennen & Sons  
Cameron Lumber Company  
Canadian General Lumber Company  
Carew Lumber Company, John

Chaleurs Bay Mills  
Dadson, A. T.  
Eagle Lumber Company  
Fassett Lumber Company, Limited  
Foley Lumber Company  
Fraser Bryson Lumber Co., Ltd.  
French, G. M.  
Gloucester Lumber & Trading Co.  
Gordon Lumber Co., A. E.  
Greig Morris Ltd.  
Grier & Sons, Ltd., G. A.  
Harris Tie & Timber Company, Ltd.  
Larkin Company, C. A.  
Mason & Company, Geo.  
McLennan Lumber Company  
Miller, W. H. Company  
New Ontario Colonization Company  
Otis Staples Lumber Company  
Power Lumber Company  
Shevlin-Clarke Company  
Terry-Nicholson-Cates, Ltd.  
Victoria Harbor Lumber Company

**LATH BOLTERS**

General Supply Co. of Canada, Ltd.  
Hamilton Company, William  
Payette & Company, P.

**LOCOMOTIVES**

Engineering & Machine Works of  
Canada  
General Supply Co. of Canada, Ltd.  
Hopkins & Co., Ltd., F. H.  
Climax Manufacturing Company  
Montreal Locomotive Works  
Mussens, Ltd.

**LINK-BELT**

Canadian Link-Belt Company  
Hamilton Company, William

**LOCOMOTIVE CRANES**

Canadian Link-Belt Company  
Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.

**LOGGING ENGINES**

Engineering & Machine Works of  
Canada

Hopkins & Co., Ltd., F. H.  
Mussens Limited

**LOG HAULER**

Engineering & Machine Works of  
Canada  
Green Company, G. Walter  
Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.  
Payette & Company, P.

**LOGGING MACHINERY AND EQUIPMENT**

Fleming & MacLeary  
General Supply Co. of Canada, Ltd.  
Hamilton Company, William  
Hopkins & Co., Ltd., F. H.  
Payette & Company, P.  
Smith Foundry Co.  
Sylvester Manufacturing Co.  
Waterous Engine Works Company  
West, Peachey & Sons  
Mussens Limited

**LUMBER DRY KILNS**

Sturtevant, B. F. & Co.

**LUMBER EXPORTS**

Fletcher Corporation

**LUMBER TRUCKS**

Hamilton Company, William  
Mussens, Ltd.  
Waterous Engine Works Company

**LUMBERMEN'S BOATS**

Adams Engine Company  
Gidley Boat Company  
West, Peachey & Sons

**MILL PIPING**

Neville-Cooper Co.

**MOTORS**

Sturtevant, B. F. & Co.

**NAILING MACHINES**

Yates Machine Co., P.B.

**OAK**

Long-Bell Lumber Company  
Maus Lumber Co., Chas. O.

**PACKING**

Beveridge Supply Company  
Gutta Percha & Rubber Company

**PANELS**

Bury & Company, Robt.

**PAPER**

Beveridge Supply Company

**PINE**

Adams River Lumber Co.  
Anderson Lumber Company, C. G.  
Anderson, Shreiner & Mawson  
Atlantic Lumber Company  
Austin & Nicholson  
Beck, C. Mfg. Co.  
Big Bear Lumber Co.  
Black Rock Lumber Co.  
Cameron Lumber Company  
Canadian General Lumber Company  
Canadian Western Lumber Co.  
Canfield-Wilmot, Ltd.  
Chesbro, R. G.  
Cleveland-Sarnia Sawmills Company  
Dadson, A. T.  
Dudley, Arthur N.  
Eagle Lumber Company  
Edwards & Co., W. C.  
Excelsior Lumber Company  
Fesserton Timber Co.  
Fraser Bryson Lumber Co., Ltd.  
Gillies Bros, Limited  
Gloucester Lumber & Trading Co.  
Gordon Lumber Co., A. E.  
Gordon & Company, George  
Goodday & Company, H. R.  
Greig Morris Ltd.  
Grier & Sons, Ltd., G. A.  
Harris Lumber Co., Frank H.  
Harris Tie & Timber Company, Ltd.  
Hettler Lumber Co., Herman H.  
Hocken Lumber Company  
Julien, Roch  
Lloyd, W. Y.  
Loggie Company, W. S.  
Long-Bell Lumber Company  
Mason, Gordon & Co.  
Mason & Company, Geo.

(Continued on page 128)

# FIRE BRICK AND CLAY

We make several brands of fire brick by every known process of manufacture from a selection of various high grade Pennsylvania clays. This enables us to furnish the best for your boilers, dutch ovens, refuse burners, kilns, etc.

We specialize in fire brick for power plants and if you will advise us whether your boilers are hand fired or stoker fired and kind of fuel used we can then give you the proper brick for your work.

We carry a large stock of our different brands in various sizes and shapes in our Hamilton warehouse which enables us to ship at once.

We manufacture the following well-known brands:

**"Elkco Special," "Elk Steel,"  
"St. Marys," "Keystone" and "M.D. Elk"**

Write for copy of our catalogue,

**Elk Fire Brick Co. of Canada, Ltd.**

HIGH GRADE FIRE BRICK and CLAY

**Sun Life Bldg., Hamilton, Canada**

Representatives for Maritime Provinces:

**RHODES, CURRY COMPANY, Ltd., Head Office, AMHERST, N.S.**

Branches at Sydney and New Glasgow, N. S.



## Put your problem up to us

We are specialists in building locomotives. We build all types and sizes, also all kinds of repair parts for locomotives and tenders.

Our experience puts us in a position to give you expert advice as to what particular type and size of locomotive is best suited to your needs.

**Put Your Locomotive Problem  
up to us.**

**Montreal Locomotive Works**

Limited

**Dominion Express Building, : Montreal, Canada**



# MERSHON

**BAND RESAWS**  
A SPECIALTY - NOT A SIDE LINE

## SIMPLEST and BEST

### Wm. B. Mershon & Company

Saginaw, Michigan, U.S.A.



## SAVE 400,000 TO 500,000 FT. OF LUMBER A YEAR

If you work timber tracts from two to ten million feet in size it will pay you many times over to investigate the CLARK FIVE FOOT BAND MILL. It will saw your lumber as cleanly and accurately as larger Band Mills and enables you to have from 10% to 15% more lumber to sell than if you sawed your logs on a circular mill with its 5/16" to 3/8" saw kerf.

It will mean a year's time from 400,000 to 500,000 feet of lumber which at \$25.00 per thousand amounts to almost \$15,000 a year with no increase in logging or sawing costs.

The slight increase in initial cost over the portable circular mill is greatly offset by the savings effected in a few months' time.

## CLARK BROTHERS COMPANY

Established 1880

OLEAN

N.Y.



*Our bulletin describes the advantages and economies of the Clark Five Foot Band Mill. Write for your copy.*



McCormack Lumber Company  
McFadden, J. J.  
McLennan Lumber Company  
Montreal Lumber Company  
Muir & Kirkpatrick  
Otis Staples Lumber Company  
Parry Sound Lumber Company  
P. Q. Lumber Co.  
Rolland Lumber Company  
W. & J. Sharples  
Shevlin-Clarke Company  
Stalker, Douglas A.  
Summers, James R.  
Terry-Nicholson-Cates Ltd.  
Victoria Harbor Lumber Company  
Watson & Todd, Limited

#### PLANING MILL EXHAUSTERS

Toronto Blower Company  
Sturtevant, B. F. & Co.

#### PLANING MILL FANS (Reversible)

Mussens, Ltd.

#### PLANING MILL MACHINERY

Mershon & Company, W. B.  
Toronto Blower Company  
Yates Machine Company, P. B.

#### POPLAR

Keewatin Lumber Co.

#### PORTABLE SAWMILLS

Brady Machinery Co.

#### POST GRINDERS

Smith Foundry Company

#### POSTS AND POLES

Anderson, Shreiner & Mawson  
Canadian Tie & Lumber Co.  
Eagle Lumber Company  
Gordon Lumber Co., A. E.  
Harris Tie & Timber Company, Ltd.  
Long-Bell Lumber Company  
Mason, Gordon & Co.  
McLennan Lumber Company  
Terry-Nicholson-Cates Ltd.

#### PULLEYS AND SHAFTING

Bernard Industrial Co., The A.  
Canadian Link-Belt Company  
General Supply Co. of Canada, Ltd.  
Green Company, G. Walter  
Engineering & Machine Works of Canada  
Hamilton Company, William  
McLaren, D. K. Ltd.  
Williams Machinery Co., A. R.

#### PULP MILL MACHINERY

Canadian Link-Belt Company  
Engineering & Machine Works of Canada  
Hamilton Company, William  
Payette & Company, P.  
St. Lawrence Lumber Co.  
Waterous Engine Works Company  
Williams Machinery Co., A. R.

#### PULPWOOD

British & Foreign Agencies  
D'Auteuil Lumber Company  
Price Bros. & Company  
Scott, Draper & Company

#### PUMPS

Engineering & Machine Works of Canada  
General Supply Co. of Canada, Ltd.  
Hamilton Company, William  
Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.  
Smart-Turner Machine Company  
Sylvester Mfg. Co., Ltd.  
Waterous Engine Works Company

#### PLANING MILL EXHAUSTERS (Steel Plate)

Sturtevant, B. F. & Co.

#### RAILS

Gartshore, John J.  
Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.

#### ROOFINGS

(Rubber, Plastic and Liquid)  
Beveridge Supply Company  
Reed & Co., Geo. W.

#### RUBBER GOODS

Dunlop Tire & Rubber Goods Co.  
Gutta Percha & Rubber Company

#### SAWS

Atkins & Company, E. C.

General Supply Co. of Canada, Ltd.  
Gerlach Company, Peter  
Green Company, G. Walter  
Hoe & Company, R.  
Radcliff Saw Mfg. Company  
Shurly Company, Ltd., T. F.  
Shurly-Dietrich Company  
Simonds Canada Saw Company

#### SAW GRINDERS

Smith Foundry Company

#### SAW MILL LINK-BELT

Canadian Link-Belt Company

#### SAW MILL MACHINERY

Brady Machinery Co.  
Canada Machinery Corporation  
Canadian Link-Belt Company  
Clark Bros. Co.  
General Supply Co. of Canada, Ltd.  
G. Walter Green Company, Ltd.  
Hamilton Company, William  
Long Mfg. Company, E.  
Mershon & Company, W. B.  
Parry Sound Lumber Company  
Payette & Company, P.  
Waterous Engine Works Company  
Yates Machine Company, P. B.

#### SAW SHARPENERS

Hamilton Company, William  
Waterous Engine Works Company

#### SAW SLASHERS

Hamilton Company, William  
Payette & Company, P.  
Waterous Engine Works Company

#### SHINGLES

Apex Lumber Company  
Associated Mills, Limited  
Cameron Lumber Company  
Campbell-McLaurin Lumber Co.  
Canadian Western Lumber Co.  
Chaleurs Bay Mills  
Chesbro, R. G.  
D'Auteuil Lumber Company  
Eagle Lumber Company  
Fraser, Companies Limited  
French, G. M.  
Gillespie, James  
Gloucester Lumber & Trading Co.  
Gordon Lumber Co., A. E.  
Grier & Sons, Ltd., G. A.  
Harris Tie & Timber Co., Ltd.  
Mason, Gordon & Co.  
McLennan Lumber Company  
McNeil Lumber Co.  
Miller Company, Ltd., W. H.  
Rose, McLaurin, Limited  
Stalker, Douglas A.  
Terry-Nicholson-Cates Ltd.  
Timms, Phillips & Company  
Vancouver Lumber Company  
Vanderhoof Lumber Company

#### SHINGLE & LATH MACHINERY

Green Company, C. Walter  
Hamilton Company, William  
Long Manufacturing Company, E.  
Payette & Company, P.  
Smith Foundry Company

#### SILENT CHAIN DRIVES

Canadian Link-Belt Company

#### SLEEPING EQUIPMENT

Simmons Limited

#### SMOKESTACKS

Hamilton Company, William  
Neville-Cooper Co.  
Reed & Co., Geo. W.  
Waterous Engine Works Company

#### SNOW PLOWS

Pink & Company, Thomas

#### SPARK ARRESTORS

Reed & Company, Geo. W.  
Waterous Engine Works Company

#### SPRUCE

Adams River Lumber Co.  
Anderson, Shreiner & Mawson  
Beauchemin & Fils, P.  
Big Bear Lumber Co.  
Cameron Lumber Company

Campbell, McLaurin Lumber Co.  
Canadian Western Lumber Co.  
Chesbro, R. G.  
Coburn Lumber Co.  
Cox, Long & Company  
Dadson, A. T.  
Dudley Arthur N.  
Fassett Lumber Company, Ltd.  
Fraser, Companies Limited  
Fraser Bryson Lumber Co., Ltd.  
Gillies Brothers  
Gloucester Lumber & Trading Co.  
Goodyday & Company, H. R.  
Gordon Lumber Co., A. E.  
Gravel Lumber Co.  
Greig Morris Ltd.  
Grier & Sons, Ltd G. A.  
Harris Lumber Co., Frank H.  
Hocken Lumber Company  
International Land & Lumber Co.  
Julien, Roch  
Kent James, Robt.  
Larkin Co., C. A.  
Lloyd, W. Y.  
Loggie Co., W. S.  
Mason, Gordon & Co.  
McCormack Lumber Co.  
McDonagh Lumber Co.  
McElroy Lumber Co., Ltd.  
McLennan Lumber Company  
Muir & Kirkpatrick  
New Ontario Colonization Co.  
Northern Lumber Mills  
Power Lumber Co.  
P. Q. Lumber Co.  
Rat Portage Lumber Co.  
Rolland Lumber Co.  
Rose, McLaurin, Limited  
Spencer, Limited, C. A.  
Sutherland Lumber Co., A. A.  
Terry-Nicholson-Cates Ltd.  
Vanderhoof Lumber Company

#### STEAM ENGINES

Lamontague, Ltd.

#### STEAM SHOVELS

Hopkins & Co., Ltd., F. H.

#### STEEL CHAIN

Canadian Link-Belt Company  
Hopkins & Co., Ltd., F. H.  
Waterous Engine Works Company

#### STEAM PLANT ACCESSORIES

Waterous Engine Works Company

#### STEEL BARRELS

Smart-Turner Machine Company

#### STEEL DRUMS

Smart-Turner Machine Company

#### TARPAULINS

Turner & Sons, J. J.  
Woods Manufacturing Company Ltd.

#### TANKS

Hopkins & Co., Ltd., F. H.  
Horton Steel Works

#### TENTS

Turner & Sons, J. J.  
Woods Mfg. Company

#### TIES

Austin & Nicholson  
Carew Lumber Co., John  
Canadian Tie & Lumber Co.  
Chaleurs Bay Mills  
D'Auteuil Lumber Co.  
French, G. M.  
Gloucester Lumber & Trading Co.  
Harris Tie & Timber Company Ltd.  
International Land & Lumber Co.  
McLennan Lumber Company  
McNeil Lumber Co.  
Miller, W. H. Co.  
Scott, Draper & Co.  
Terry-Nicholson-Cates Ltd.

#### TIMBER BROKERS

Cant & Kemp  
Farnworth & Jardine  
Wright, Graham & Co.

#### TIMBER CRUISERS AND ESTIMATORS

Savage & Bartlett.  
Sewell, James W.

#### TIMBER LANDS

Department of Lands & Forests, Ont.

#### TOWING MACHINES

Payette & Company, P.  
West, Peachey & Sons

#### TRACTORS

Holt Manufacturing Company  
Hopkins & Co., Ltd., F. H.  
Mussens Limited

#### TRAILERS

Dominion Truck Equipment Co.  
Mussens, Ltd.  
Sylvester Manufacturing Co.

#### TRANSMISSION MACHINERY

Canadian Link-Belt Company  
Engineering & Machine Works of Canada  
General Supply Co. of Canada, Ltd.  
Hamilton Company, William  
Kennedy, Wm. & Sons  
Waterous Engine Works Co.

#### TRUCKS

Tudhope Anderson Co.

#### TRUCK UNITS

Dominion Truck Equipment Co.

#### TURBINES

Engineering & Machine Works of Canada  
Hamilton Company, William

#### TURBO UNDERGRATE BLOWERS

Sturtevant, B. F. & Co.

#### VALVES

Crane, Limited

#### VENEERS

Bury & Co. Robt.

#### VENEER MACHINERY

Coe Manufacturing Company

#### VETERINARY REMEDIES

Dr. Bell Veterinary Wonder Co.  
Johnson, A. H.

#### WARPING TUGS

West, Peachey & Sons

#### WATER WHEELS

Engineering & Machine Works of Canada  
Hamilton Company, William

#### WIRE

Canada Metal Co.  
Laidlaw Bale Tie Company  
Canada Wire & Iron Goods Co.

#### WIRE CLOTH

Canada Wire & Iron Goods Co.

#### WIRE ROPE

Canada Wire & Iron Goods Co.  
Hopkins & Co., Limited, F. H.  
Dominion Wire Rope Co., Limited  
Greening Wire Co., B.  
Mussens, Ltd.

#### WOODWORKING MACHINERY

General Supply Co., of Canada, Ltd.  
Long Manufacturing Company, E.  
Mershon & Company, W. B.  
Waterous Engine Works Co.  
Yates Machine Company, P. B.

#### WOOD PRESERVATIVES

Beveridge Supply Company  
Austin & Nicholson  
New Ontario Colonization Company  
Power Lumber Co.

#### WOOD PULP

Austin & Nicholson  
New Ontario Colonization Co.  
Power Lumber Co.



# ATKINS

## STERLING QUALITY SAWS

### The World Over

In every progressive sawmill, woodworking plant and furniture factory, you will find that the saw users are acquainted with the high quality of Atkins Sterling Steel Saws. They are making money for their owners by turning out work at the lowest possible price.

*It's the super quality of Sterling Steel, our exclusive formula that makes Atkins Saws supreme.*

If your mill is not using them exclusively, why not make a complete installation and profit by the service that is built into them. Send for Atkins literature, and learn why

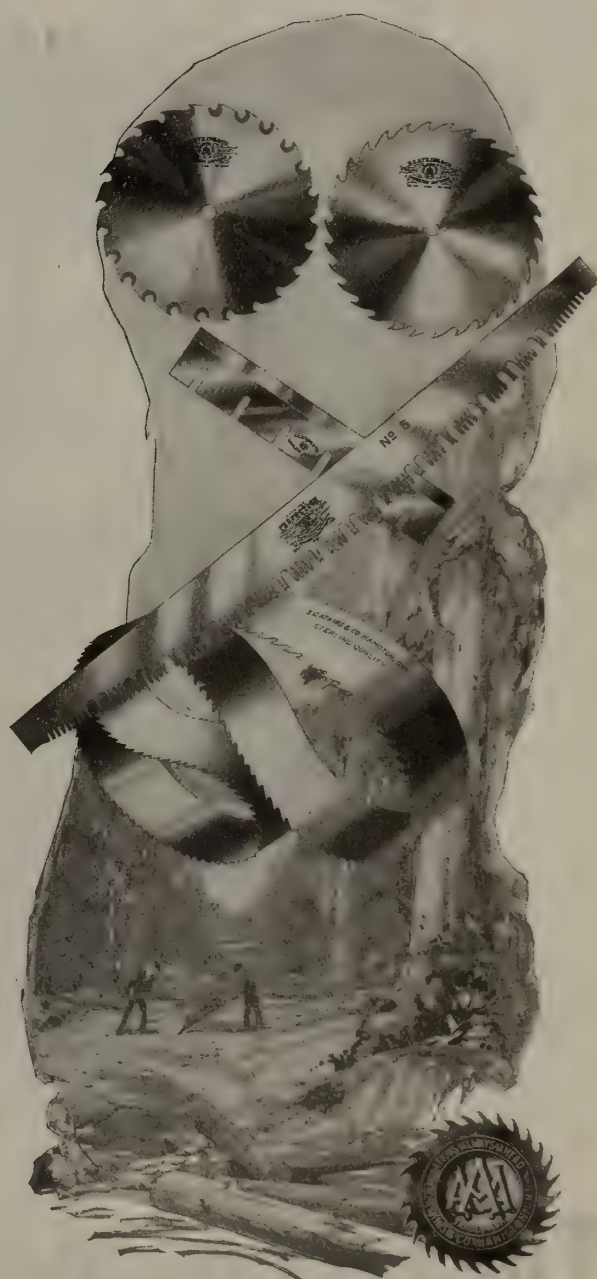
**ATKINS IS ALWAYS AHEAD**

**E. C. ATKINS & CO.**

Established 1857      The Sterling Quality Saw People

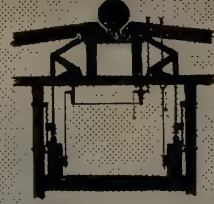
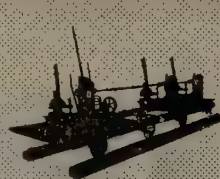
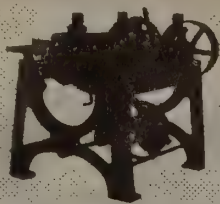
Canadian Factory, HAMILTON, Ontario

Branch carrying complete stock, VANCOUVER, B. C.



**MADE IN CANADA**





# LUMBERMEN'S



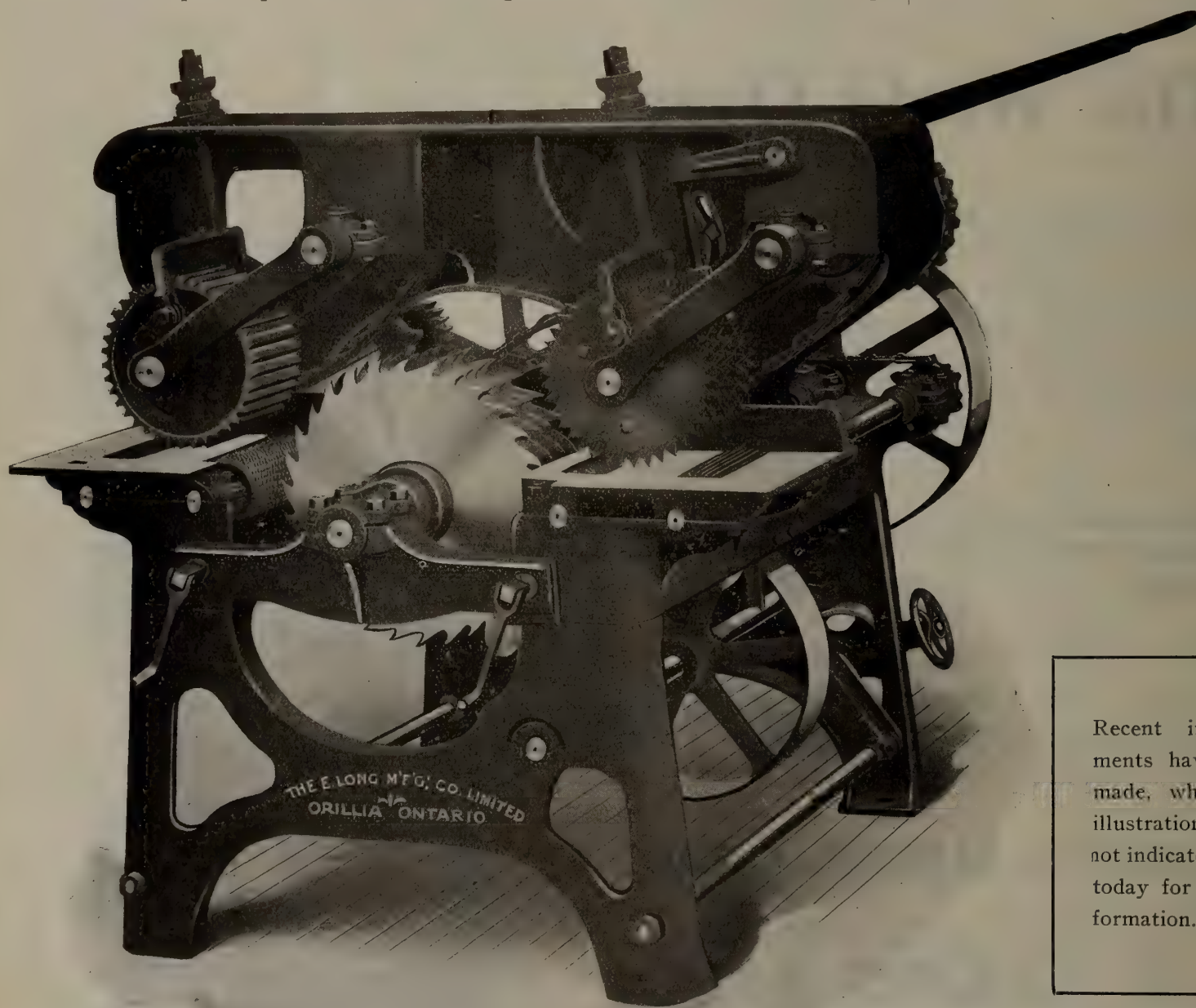
# EQUIPMENT

## "Speed to Burn"

The millman who wants a machine capable of turning out lath in large quantities will not be disappointed in this No. 3 Lath Bolter. It has speed to burn. Furthermore, it has the "stamina" characteristic of all "LONG" machines, for operating at capacity for long periods.

Used by many of the largest mills in the Dominion.

Floor space required—4' x 4' 6". Weight 1,600 lbs. Maximum power required 15 H.P.



Recent improvements have been made, which the illustration does not indicate. Write today for full information.

# The E. Long Manufacturing Co., Limited

Orillia Canada

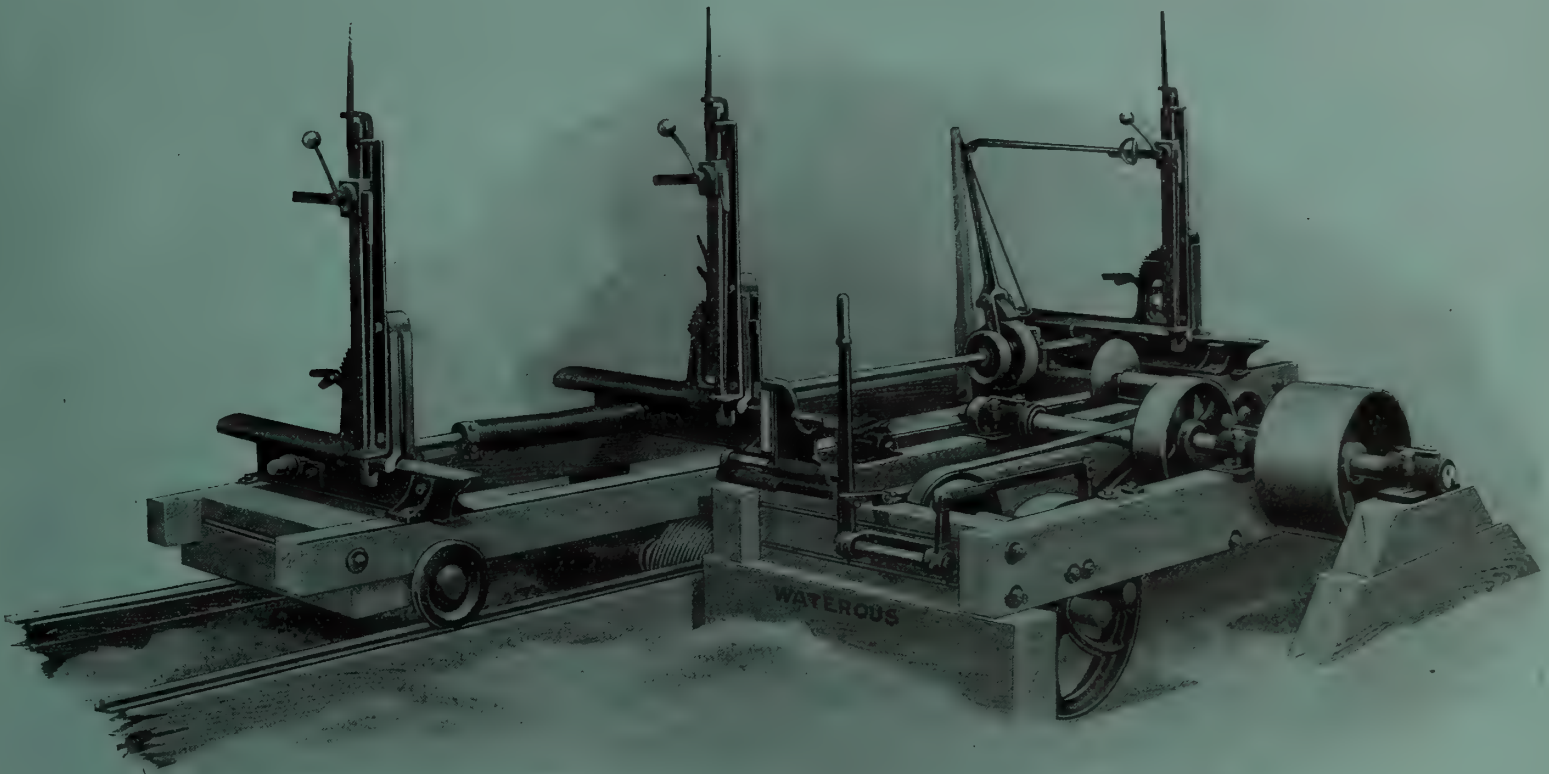
A. R. Williams Machinery Co.,  
Vancouver and Winnipeg



Gormans, Ltd. Calgary and Edmonton  
Williams & Wilson, Ltd., Montreal



# PORTABLE SAWMILLS



The Upper Fraser River Lumber Co. freighted a portable outfit, like the above, seventy miles over rough country to cut material for their big mill at Dome Creek, B.C.

They cut on an average of over 12,000 ft. per day, they turned out 200,000 ft. for their own use, sold several thousand dollars worth of lumber, produced over 2,000 ties and 100,000 ft. of lumber for stock. All this lumber came off their mill sight and was cut on the

## Waterous Portable Sawmill

*We back this mill for strength, efficiency and simplicity against any portable outfit being manufactured. Hundreds are in use in every part of Canada.*

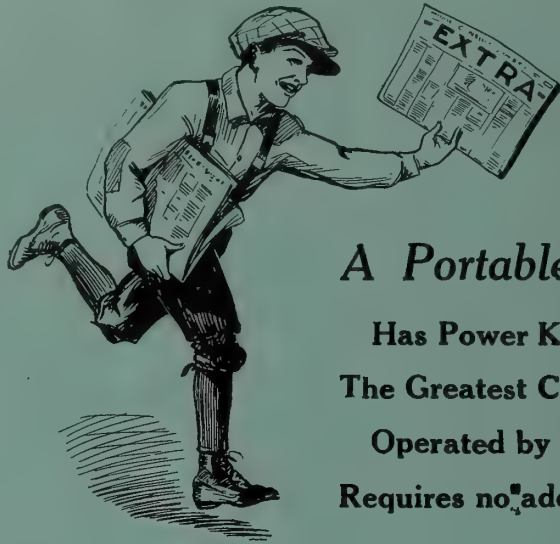
*Send for Bulletin*

# Waterous

BRANTFORD, ONTARIO, CANADA



# EXTRA



*Cadillac*  
404  
PATENTED

## A Portable Sawmill—

Has Power Knees and Dogs.

The Greatest Capacity of any mill on earth.

Operated by one man.

Requires no additional power.

**T**HIS Portable Sawmill is designed especially to handle short logs, veneer cores, etc., working them up into good marketable stock, railroad ties, box lumber, dimension stock, cooperage stock, etc.

To insure reasonable deliveries we are putting forth maximum efforts towards increased production. Let us have your enquiries now.

## BRADY MACHINERY COMPANY

Traverse City, Mich.



Cadillac, Mich.

Manufacturers of  
Portable Sawmill Machinery

General Offices:  
Traverse City, Mich.  
U. S. A.

Machine Shops and Foundries:  
Cadillac, Mich.  
U. S. A.



# Canada Lumberman

Founded 1880

When in the market for quotations on Tents, Tarpaulins, Feed Bags, Grey Blankets, Straw Ticks, Canoes, Paddles, Oars—ask for prices from

**J. J. Turner & Sons, Ltd.**

Manufacturers

PETERBOROUGH, - - - - - ONT.

*Headquarters for special light weight rubber coats*

## FIRE INSURANCE

Unequalled Facilities

Protection + Service + Saving

TO

Lumbermen

**E. D. HARDY & CO.**

BOOTH BLDG:

OTTAWA, ONT.

Twenty Years of Successful Operation

**DeVEUVE-BURNS UNDERWRITING COMPANY**

Manager

**LUMBERMEN'S INDEMNITY EXCHANGE**

Fire Insurance for Lumbermen

Licensed in Canada

New **RAILS** Relaying

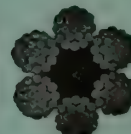
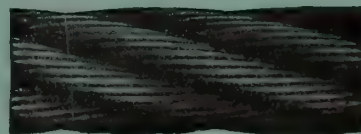
12 to 80 pounds per yard

**LOGGING CARS**

**Jno. J. Gartshore Limited**

58 Front St. West, Toronto

**WIRE ROPE**



"We have the Right Rope for every purpose"

The contributing factors in making good Wire Rope are: 1. Men who know how. 2. The best grade of materials. 3. The most modern machinery. We have all three and are producing the goods. Give us a trial.

We solicit your enquiries. Write for our catalogue.

Stock carried in Montreal by J. H. HANSON CO. LTD., Agent

**Canada Wire & Iron Goods Co., Hamilton**

Stock carried in Edmonton and Calgary

N. F. Judah, McLeod Building, Edmonton, Agent

## Pulpwood Operators, Lumbermen and Jobbers

Valuable time saved by using our Standardized  
Rowing and Power Pointers.

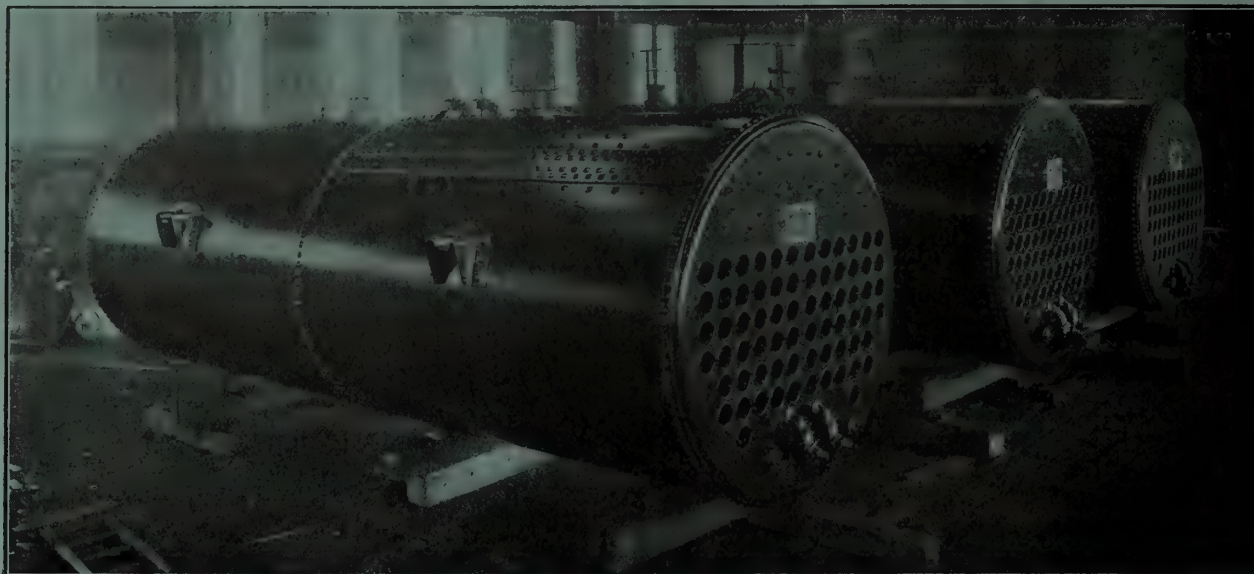
Specially designed for river, lake and mill pond work.

**Gidley Boat Company, Ltd.**

Boats and Engines of all Kinds

PENETANG, ONT.





# BOILERS

## *Built Under Government Inspection Regulations*

We are unusually well equipped to handle all types of Boiler work or Steel Plate and Structural work, and build strictly under government inspection regulations. One of our experts will gladly consult with you on any work you have in mind and guarantee your complete satisfaction. Boiler Breechings, Smoke Stacks, Heaters etc., are our Specialty.

The three boilers shown above are 72" x 18'0" H.R.T., recently built for a Peterborough firm.

We also build Refuse Burners, any diameter, any height

*Let Us Quote on Your Requirements*

**We Manufacture a Complete Line of Log Handling,  
Pulpmill, Sawmill, Shinglemill Machinery  
and Equipment**

**WILLIAM HAMILTON CO., LIMITED, Peterboro, Ontario**

Agents : J. L. Neilson & Co., Winnipeg, Man.  
E. G. Blackwell, 65 Davis Chambers, Vancouver, B. C.



# Knox Brothers, Limited

HEAD OFFICE:

512-513 Drummond Building, Montreal, Que.



*S.S. Heathfield—Our first steamer to unload at Montreal this season*

***We are Specialists in British Columbia Forest Products***

**We Handle  
The Best in the West**

If you are interested in Western stock send us your inquiries. We can make quick shipments from our Montreal stock.



**RED**

# PINE

**WHITE**

This is the season of heavy demand and rush orders when service counts big. To give quick delivery, we are maintaining unusually heavy stocks and can assure our customers that all orders will be promptly and carefully filled.

**GET  
OUR  
PRICES**

As specialists in White and Red Pine, we can offer buyers some particularly fine lots. These are all carefully manufactured and graded—lumber that will please your most exacting customers. Send your orders for Pine to us.

## Hocken Lumber Co., Limited

**626 Confederation Life Building**

**Phone Main 3153 — Toronto, Ontario**

### SOUTHERN HARDWOODS Dry Stock at Buffalo for Quick Shipment

WHITE ASH				PLAIN RED GUM				TENNESSEE SCENTED CEDAR				QUARTERED RED OAK			
	1 & 2	No. 1	No. 2		No. 1	No. 2	No. 3		No. 1	No. 2	No. 3		No. 1	No. 2	No. 3
3/4 in.	2,000	Clear	Com.	1 in.	87,000	206,000	16,000	1 in.	46,000	5,870	800	1 in.	1,700	5,700	500
1 in.	184,000	22,000	88,000	1 1/4 in.	24,000	65,000	2,700	1 1/4 in.	5,000	5,000	10,000	1 1/4 in.	13,300	5,400	9,000
1 1/4 in.	40,000	5,000	80,000	1 1/2 in.	12,000	40,000	15,000	1 1/2 in.	1,500	600	600	1 1/2 in.	5,900	2,900	1,400
1 1/2 in.	11,500	18,000	6,500	2 in.	5,000	30,000	15,000	2 in.				2 in.	700	4,000	
2 in.	73,500	900	99,000	10/4	100	1,500	600	3/4 in.	18" up	1 & 2	Bright	3/4 in.	1,700	5,700	500
2 1/2 in.	227,000	18,900	24,600					1 in.	28,000	36,100	14,900	1 in.	13,300	5,400	9,000
3 in.	5,000	26,000						1 1/4 in.	69,000	66,900	700	1 1/4 in.	5,900	2,900	1,400
4 in.	134,000	41,000	7,500					1 1/2 in.	5,000	54,000	3,000	1 1/2 in.	700	4,000	
CHERRY				FIGURED RED GUM				POPLAR				QUARTERED WHITE OAK			
	1 & 2	No. 1	No. 2		No. 1	No. 2	No. 3		No. 1	No. 2	No. 3		No. 1	No. 2	No. 3
1 in.	36,000	7,500	133,000	1 in.	22,000	12,000		1 in.	700	200		1 in.	6,100	3,000	
1 1/4 in.	25,000	6,000	12,000	1 1/4 in.	2,000	800		1 1/4 in.	28,000	36,100	14,900	1 1/4 in.	3,900	6,300	3,000
1 1/2 in.	3,200	3,000	104,000	1 1/2 in.	700			1 1/2 in.	5,000	54,000	3,000	1 1/2 in.	2,800	700	800
2 in.	7,000	22,000	63,000	8/4	1,000	200		2 in.	18,000	19,000	37,000	1 1/2 in.	4,300	65,000	3,700
2 1/2 in.	4,500	4,300	3,000					2 1/2 in.	9,300	23,000	10,800	1 1/2 in.	12,000	27,300	59,000
3 in.	21,700	4,500	4,000					3 in.	4,000	21,000	14,800	1 1/2 in.	4,000	500	27,500
4 in.	9,300	900						4 in.	3,600	10,000	21,000	2 in.	1,500	21,000	5,700
CHESTNUT				QUARTERED RED GUM				PLAIN RED OAK				BLACK WALNUT			
	1 & 2	No. 1	No. 2		No. 1	No. 2	No. 3		No. 1	No. 2	No. 3		No. 1	No. 2	No. 3
3/4 in.	1,600	Clear	Com.	1 in.	26,000	35,000		3/4 in.	51,000	191,000	400	1 in.	9,000	21,000	3,000
1 in.	114,000	3,000	57,000	1 1/4 in.	24,000	52,000	1,000	1 in.	107,000	8,000	50,000	1 1/4 in.	3,600	3,000	1,690
1 1/4 in.	8,000	1,800	12,000	1 1/2 in.	20,000	42,000	4,600	1 1/4 in.	51,000	69,000	9,000	1 1/4 in.	200	500	
1 1/2 in.	17,700	2,600	27,000	8/4	70,000	88,000		1 1/2 in.	57,000	75,200	5,000	1 1/2 in.	4,000	3,000	200
2 in.	2,000	3,000	54,000					2 in.	64,000	112,000	26,000	2 in.	500	500	
2 1/2 in.	2,000							2 1/2 in.	1,500	1,400		2 1/2 in.	4,000	3,000	
3 in.	1,300							3 in.	94,000	33,000		3 in.	500	300	
4 in.	1,500	300						4 in.	24,800	22,000	7,000	4 in.	500	1,200	
CYPRESS				SAP GUM				PLAIN WHITE OAK				BASSWOOD			
	1 & 2	No. 1	No. 2		No. 1	No. 2	No. 3		No. 1	No. 2	No. 3		No. 1	No. 2	No. 3
3/4 in.	500	Clear	Com.	1 in.	4,500	18,600	2,500	3/4 in.	17,000	7,000	15,900	1 in.	181,000	7,000	21,000
1 in.	46,000	92,000	71,000	1 1/4 in.	14,400	15,000	9,000	1 in.	55,000	173,000	6,000	1 1/4 in.	169,000	10,000	20,000
1 1/4 in.	64,000	51,300	28,000	1 1/2 in.	1,800	11,200	3,000	1 1/4 in.	102,000	34,000	21,200	1 1/4 in.	42,000	2,800	17,000
1 1/2 in.	123,000	49,000	6,600	2 in.	8,100	7,400	800	1 1/2 in.	50,000	7,600		2 in.	51,500	9,000	8,000
2 in.	46,000	24,000	7,900	3 in.			300	2 in.	33,000	35,000	400	2 in.	5,200	2,500	900
2 1/2 in.	12,000							2 1/2 in.	24,000	57,000	7,000	2 1/2 in.	11,000	6,800	13,000
3 in.	6,000	7,000	14,000					3 in.	3,200	3,200		3 in.	5,000	2,500	4,000
4 in.	6,200	5,000	4,000					4 in.	123,000	44,000	2,000	4 in.		1,500	200

Also large stock of Brown Ash, Basswood, Beech, Birch, Elm and Maple.

**THE ATLANTIC LUMBER CO. Inc.** 310 MANNING CHAMBERS  
**TORONTO**

MANUFACTURERS SOUTHERN HARDWOOD LUMBER

Head Office: BOSTON, MASS.

Yards: Buffalo, N. Y.

Mills: KNOXVILLE, TENN., FONDE, KENTUCKY



Mounting surely to leadership through constant vigilance to meet the obligations of the retail dealer; made possible by sound organization and high appreciation of business values and business integrity.



1009 Federal Building

Branch Office:  
507 Pacific Bldg., Vancouver, B.C.

TORONTO, ONT.  
Phone Adel. 4281  
and 5992

Cable Address "GORLUMBER"



# EDWARD CLARK & SONS LIMITED

807 Bank of Hamilton Building - Toronto

## Hardwood Lumber

SPECIALTY



BIRCH

Since the first of the year, we have been sawing a complete line of Northern Hardwoods, particularly Birch, Maple and Basswood. We will be finished about the end of the month, so if you need any special sizes, get your order in immediately.

*Correspondence  
Invited*

This year's cut is now dry and ready for immediate shipment. It includes the finest Northern Hardwoods in all sizes. Let us have your orders now, while our stocks are fresh. They will have our prompt and careful attention.

## EFFICIENCY, COURTESY AND SERVICE

# LATH and LUMBER

WHITE PINE  
NORWAY PINE

Shevlin - Clarke  Company Limited

FORT FRANCES, ONT.

Manufacturers  
and Wholesalers

Prompt Shipment.  
Attractive Prices.



**WHITE PINE RED PINE SPRUCE**  
**JACK PINE HEMLOCK HARDWOODS**  
**SHINGLES B.C. PRODUCTS TIMBER**

During the building season, we keep large stocks of all kinds of lumber on hand—held in readiness for quick shipment. For this reason, we can guarantee that your rush orders will receive immediate and careful attention.

*"When you need it in a hurry, call on us"*

**The Fesserton Timber Company Limited**

15 Toronto St.      MAIN 795-6      Toronto

Western Office: Winch Building, Vancouver, B.C.



**PULPWOOD**



**N.B. CEDAR SHINGLES**  
**LUMBER      LATHS**  
**RAILROAD TIES**

*Shipments by Rail or Water*

**ST. LAWRENCE LUMBER CO. LTD.**  
**QUEBEC, P.Q.**

*OUR NAME AND TRADE MARK ARE THE GUARANTEE*

Mills at Amqui, P.Q., St. Vianney, P.Q., Metabik, P.Q., Lac Au Saumon, P.Q.  
**TERMINAL AT RIMOUSKI, P.Q.**



# Geo. Gordon & Co.

Limited

CACHE BAY - ONTARIO

*Manufacturers of*

## WHITE & NORWAY PINE

Lumber, Dimension Timber  
Lath, Shade Roller Pickets

*Planing Mill in Connection*



## The Spanish River Lumber Co. Limited

LUMBER MANUFACTURERS

CUTLER, ONTARIO

WHITE PINE,  
NORWAY PINE,  
HEMLOCK

Shipments  
by Rail  
or Water





# Quebec Spruce

Have several choice blocks  
dry stock.

*Send us your enquiries.*

## Canadian Forest Products

**TERRY-NICHOLSON-GATES**  
LIMITED

SUCCESSORS TO

*Terry & Gordon*  
LIMITED

MONTREAL

TORONTO

VANCOUVER

*Ontario Representatives  
for*

The British Columbia Mills, Timber and Trading Company Limited  
Vancouver, B. C.

*and*

Shull Lumber & Shingle Co. Ltd., New Westminster, B. C.

Send Orders Direct to Toronto



THE  
**Montreal Lumber Co.**  
 Limited  
**WHOLESALE  
 LUMBER**  
 759 Notre Dame St. W., Montreal  
 W. K. GRAFFTEY,  
 President and Managing Director.

**DR. BELL'S**  
**Veterinary Wonder Remedies**  
 50,000 one dollar (\$1.00) bottles Free  
 to horsemen who give the Wonder a fair  
 trial. Guaranteed for Colic, Inflamma-  
 tion of the Lungs, Bowels, Kidneys,  
 Fevers, Distemper, etc. Send 25c for  
 Mailing Package, etc. Agents wanted.  
 Write your address plainly. DR. BELL,  
 V.S., Kingston, Ont.



## Know Your Market

A timely knowledge of Cana-  
 dian construction activities gives  
 the lumberman a point of van-  
 tage from which to conduct his  
 sales.

The Contract Record will keep  
 you posted on construction un-  
 dertakings large and small.

The subscription price is \$3.00.  
 Send to

## Contract Record

and Engineering Review  
 347  
 Adelaide Street West,  
 Toronto, Ont.

# LUMBER

## Wanted

### Mill-cuts in

# W. Pine Hemlock Birch Elm Maple

## C. G. Anderson Lumber Company, Limited

Manufacturers and Strictly Wholesale  
 Dealers in Lumber

SALES OFFICE

705 Excelsior Life Building  
 Toronto

### BELTING

All kinds of new and used Belting  
 Shipped subject to approval, at  
 Lowest Prices in Canada

**YORK BELTING CO.**  
 115 York St. Toronto, Ont.

### JACK PINE

### HEMLOCK

### SPRUCE

**JAMES R. SUMMERS**  
 Wholesale Lumber  
 95 King St. East TORONTO, Ont.  
 Main 7329

### HICKORY AXE HANDLES

Made From the Best Canadian  
**HICKORY**

Quality, Shape and Finish Unexcelled  
**St. Marys Wood Specialty Co. Ltd.,**  
 St. Mary's, Ontario, Canada

High Grade Wood Specialties Ball Bats  
 Handles and Hardwood Lumber."

### BELTING FOR SALE

We have a large quantity of Second-  
 Hand Rubber and Leather Belting in  
 all sizes and plys up to 24 inches in  
 width, which we can sell at interesting  
 prices. Send us your requirements.

**N. SMITH**  
 138 York St. - Toronto, Ont.

### Robt. Coltart & Co.

Royal Liver Building  
**Liverpool England**

Agents for the sale of  
 Pine, Spruce and Hard-  
 woods. Correspondence  
 invited.

Cables—"COLTART" Liverpool

### Cant & Kemp

52 St. Enoch Square  
**GLASGOW**

### Timber Brokers


Cable Address, "Tectona," Glasgow  
 A1 and ABC Codes used

### FARNWORTH & JARDINE


Cable Address: Farnworth, Liverpool  
**WOOD BROKERS  
 and MEASURERS**

2 Dale Street, Liverpool and  
 Seaforth Road, Seaforth,  
 Liverpool, England





# Quick Action




## You Can Have It

Try the Canada Lumberman Wanted and For Sale Department. Have you anything you wish to buy or sell in the Lumber Industry? You will find this department inexpensive, and a very effective business getter.

Our Classified Advertisers do not repeat the ad, often. They don't have to. They report immediate results. Use these columns to your own advantage.

**CANADA  
LUMBERMAN  
and WOODWORKER**  
347 Adelaide St. W.  
TORONTO



***"Well Bought is Half Sold!"***

## Some Good Things

in

## Good White Pine

### IN PINK OF CONDITION

48 M'	1 x 8 & up—	10/16	C. Sel. & Btr.
51 M'	1 x 8 & up—	"	D. Selects.
33 M'	1 x 4/6	"	C. Sel. & Btr.
38 M'	1 x 4	"	" " " "
20 M'	1 x 5	"	" " " "
65 M'	1 x 6	"	" " " "
16 M'	5/4 x 8 & up	"	" " " "
24 M'	6/4 x 8 & up	"	" " " "
25 M'	6/4 x 8 & up	"	D. Selects.
38 M'	2 x 8 & up	"	C. Sel. & Btr.
16 M'	2 x 8 & up	"	D. Selects.
35 M'	2 x 4 & up	8/16	No. 2 & 3 Cuts.

### Unusually Good Width

**Canadian General Lumber Co.**  
Limited

## FOREST PRODUCTS

TORONTO OFFICE:— 712-20 Bank of Hamilton Building

Montreal Office:— 514 Canada Cement Company Bldg.

Mills: Byng Inlet, Ont.

### LUMBER WANTED

We are in the market for a block of Spruce and Hemlock, inch and 2" Merchantable and No. 2, also Pine Mill Culls. In writing quote your lowest price.

The Foley Lumber Co.,  
18 Toronto Street,  
Phone Main 2746 Toronto, Ont.

### SAVAGE & BARTLETT

FOREST ENGINEERS

Timber Estimates, Maps, Topographic  
and Boundary Surveys

15 State St., BANGOR, MAINE

### W. Y. LLOYD

1024 Federal Building  
TORONTO, Ont.

Dealers in Eastern and Western  
**Canadian Softwoods**

Pine, Spruce, Fir, Hemlock  
Lath and Shingles

Soliciting enquiries

### Safe and Reliable Timber Estimates

Reports - Maps

### James W. Sewall

Forest Engineer

Old Town, Davidson Bldg.,  
Maine, Washington, D.C.

Largest Cruising House in America.

### SPECIALTIES

Sawed Hemlock  
Red Cedar Shingles  
White Pine Lath  
Bass and Poplar Siding

### James Gillespie

Pine and Hardwood

## Lumber

Lath and Shingles

North Tonawanda, N.Y.



# New Ontario Colonization Co., Ltd.

MANUFACTURERS  
SPRUCE LUMBER AND LATH

Tamarack

Rossed Pulpwood

Our modern Planing mill enables us to dress lumber  
in any manner required.

Sales Office: BUFFALO, N. Y.  
609 Jackson Bldg.

Mills: JACKSONBORO, ONT.  
Transcont. Div. Can. Nat. Rys.

Kindly address all inquiries care department "A"

We are always in the market to buy Soft Elm, Maple, Birch and other Hardwoods. Also Spruce, Pine, Poplar or Balm for crating.

Established Twenty Years

Liberal Prices      Fair Inspection  
Prompt Payment

The Manufacturers' Lumber  
Company Limited

Stratford - Ont.

## BARGAINS IN Standing Timber

ALL our remaining timber lands and town property situated in the town of Parry Sound are offered for sale by us. The special prices at which these are being sold makes early enquiries advisable.

Good bargains are still obtainable in the Townships of Christie, Allen, Secord, Falconbridge and Street. May we send you full particulars?

The Parry Sound Lumber Co.

26 Ernest Avenue

LIMITED  
Toronto, Ont.

# PINE-----?

*wire Keewatin!*

Then you are SURE of getting a high grade product, attractively priced and liberally graded. We also have large supplies of box and crating stock, lath and shooks. Ask for prices.

KEEWATIN LUMBER COMPANY, LTD.  
KENORA - ONTARIO

Two complete Saw and Planing Mills Box Factories and Lath Mill  
at Keewatin and Kenora, Ont.

Watson & Todd Limited  
OTTAWA

WHITE PINE  
RED PINE  
SPRUCE

Registered



Trade Mark

Rideau Club Building  
Cor. Wellington and  
Metcalf Sts.

Registered



Trade Mark



# The Harris Tie & Timber Co., Ltd. The C. E. Fleming Tie & Lumber Co., Ltd. The Poupore Lumber Co.

Railway Ties, Cedar Poles and Posts, Lumber, Lath, Shingles, Pulpwood

197 SPARKS STREET

OTTAWA, CANADA



**W**E conduct an extensive trade in Spruce Lumber with the South American and British Markets.

Also Spruce Lath, Cedar Ties and New Brunswick Cedar Shingles.

Correspondence invited

ya

## CHALEURS BAY MILLS

Main Office and Mills at  
Restigouche, Que.

American Office:  
40 Court St., Boston, Mass.

## Power Lumber Company Limited

*Manufacturers of*

# SPRUCE

**Lumber      Lath      Pulpwood**

*Head Office and Mills at:*

**St. Pacome, Que., Canada**

On Can. Nat. Ry. 75 Miles East  
of Quebec City

*Also Mills at:*

**Lapointe, Riv. Manie, Powerville  
and Ste. Apolline**

On Edmunston Div.—Can. Nat. Rys.



BETTER LUMBER



BETTER SERVICE

The Pedwell Hardwood Lumber Co. OFFICE AND YARDS  
FT. SPADINA AVE., TORONTO

### Important Announcement

A Shingle Nail is now being manufactured in Canada which should last the life of British Columbia Red Cedar Shingles.

This is a heavy gauge nail, has sharp point, wide head with thickened shank under, and is protected with a heavy coating of pure galvanized spelter applied by hot-dipped process.

Red Cedar Shingles applied with such nails assure a roof of lasting satisfaction.

Every lumberman could stock these nails to advantage. We will gladly send samples.

**British Columbia Lumber Commissioner**  
51 Yonge St. Toronto

### The Smile of Satisfaction

Know what real satisfaction means by giving McDonagh Lumber a trial. Wholesale Hardwoods (Native and Foreign), Crating Spruce, Pine and Hemlock, Canadian Birch, Basswood and Maple.



Every Shipment Guaranteed

**The McDonagh Lumber Co.**  
226 Confederation Life Building, TORONTO

### Planing Mill Stock

## CYPRESS

Soft, Dry Stock, Finest Grades—

All Thicknesses— 4/4, 5/4, 6/4, 8/4, 10/4, 12/4

### Yellow Pine Finish

Kiln Dried, Soft, Short Leaf Kind

Stock Widths  $\left\{ \begin{smallmatrix} 4/4 \\ 5/4 \\ 6/4 \\ 8/4 \end{smallmatrix} \right\}$  by 4", 6", 8", 10", 12"

Also OAK, ASH, POPLAR, GUM

**WISTAR, UNDERHILL & NIXON**

Real Estate Trust Bldg., Philadelphia, Pa.

### Exporters of Lumber

Always on hand:—

**Pine, Spruce, Birch, Cypress**  
all kinds of Lumber

Send us your enquiries.

## ROCH JULIEN

111 Mountain Hill

Quebec

## F. W. Brennen & Sons

474 Main St. East

Hamilton, Ont.

Wholesale

# LUMBER LATH--SHINGLES

We have what you want: Write us for quotations

## Story Lumber Co., Ltd.

### Wholesale Lumber Dealers

Pine Spruce Hemlock Hardwood

Head Office: 701-703 Hope Chambers,  
Ottawa, Canada

Branch Office: 30 St. John Street, Montreal, Que.



# The Best in Lumber

## Priced Right

DRESSED JACK PINE, SIZED HEMLOCK, 1" HEMLOCK BOARDS, SPRUCE, WHITE PINE

*Write for Quotations*

### LARKIN LUMBER COMPANY LIMITED

236 CONFEDERATION LIFE BUILDING

TORONTO, ONT.

### AUSTIN & NICHOLSON LIMITED

CHAPLEAU, ONTARIO

Lumber, Lath, Ties, Pulpwood.

Quick Dressing and Matching in Car Lots  
a Specialty.

Mills at DALTON, NICHOLSON, DEVON

### Some of these Cars in Transit Now

California White Pine & California Redwood.

Yellow Pine Finishing.

Oak, Gum, Poplar and Cypress.

also

A few cars of 4/4 and 8/4" C. & C. Norway ready  
for shipment.

THE EASTMAN LUMBER COMPANY, LIMITED  
38 Sun Life Building, Hamilton, Ontario Phone Regent 162

### Milling in Transit

A Well Equipped Mill

C.P., G.T., & C.N. Railway Connections

*Special Mill Work Prompt Service*

J. R. Eaton & Sons, Limited

ORILLIA, ONT.

## Everything in Lumber

The

McLennan Lumber Co., Ltd.

Office and Yard: 21 Dorchester Street W., Montreal

P.O. BOX 1854

PHONE PLATEAU 1300

## British Columbia

Lumber and Shingles

Best Grades—Mill Prices—Prompt Shipment

**THOS. N. PHILLIPS**

Royal Bank Building

Toronto, Ont.





## ALL CANADIAN HARDWOODS

Lumber  
at first cost

Hard Maple  
our specialty

HALL BROS. LTD. 300 Crown Office Bldg., Toronto  
Manufacturers Wholesalers

## A Permanent Lumber Service

**A**FTER several years of inactivity we are now cutting on our modern fully equipped mills at Manistique and Little Lake, Upper Michigan. The timber behind these mills was purchased many years ago by the Stack interests from the then "unlimited" supply. Its quality, particularly the maple and birch, is the envy of northern mill men among whom this tract is famous.

This timber will run the mills to full capacity for fifteen to twenty years. The 40,000,000 feet annual cut will run:

15,000,000 ft. maple annually  
6,000,000 ft. birch annually  
2,500,000 ft. beech annually  
2,500,000 ft. elm annually  
900,000 ft. basswood annually  
200,000 ft. ash annually  
6,000,000 ft. hemlock annually  
3,000,000 ft. white pine annually

the balance in Spruce and Tamarack.

Our exceptional service, grades, and manufacture will be maintained.

"Low freight rate shipments by water to Toronto, Montreal, Owen Sound, Port Arthur, and other Great Lakes and St. Lawrence River Ports. Conveniently located also for rail shipments to inland points by C.P.R. or Soo line."

We will be pleased to hear from old friends and from new ones who can understand and appreciate what permanent connection with such a source of supply would mean.

**STACK LUMBER CO.**  
ESCANABA MICHIGAN

## ROSE-McLAURIN

LIMITED

1226 Bank of Hamilton Building TORONTO

Phone Main 6752

*We Specialize in*

**British Columbia Lumber and  
Timber and Red Cedar Shingles**

*Let us quote you. Our prices are right*

We also handle the well known

**"TEN-TEST" SOLID FIBRE BOARD**

## W.S. LOGGIE and Company, Limited

*Manufacturers  
of Lumber  
including*

**SPRUCE, PINE  
and LATHS**

**Head Office Chatham, N.B.**

**Mill . . . . . Inkerman, N.B.**

## The Rat Portage Lumber Co., Limited, Vancouver

MANUFACTURERS OF

**DOUGLAS FIR, SPRUCE AND HEMLOCK**

**FLOORING, CEILING, SIDING, INTERIOR AND EXTERIOR  
FINISH OF ALL KINDS INCLUDING MOULDINGS**

**Rough Kiln Dried and Green Clear Fir in All Sizes**

**Boards, Shiplap, and Dimension**

**ROUGH TIMBERS UP TO 90 FEET LONG**

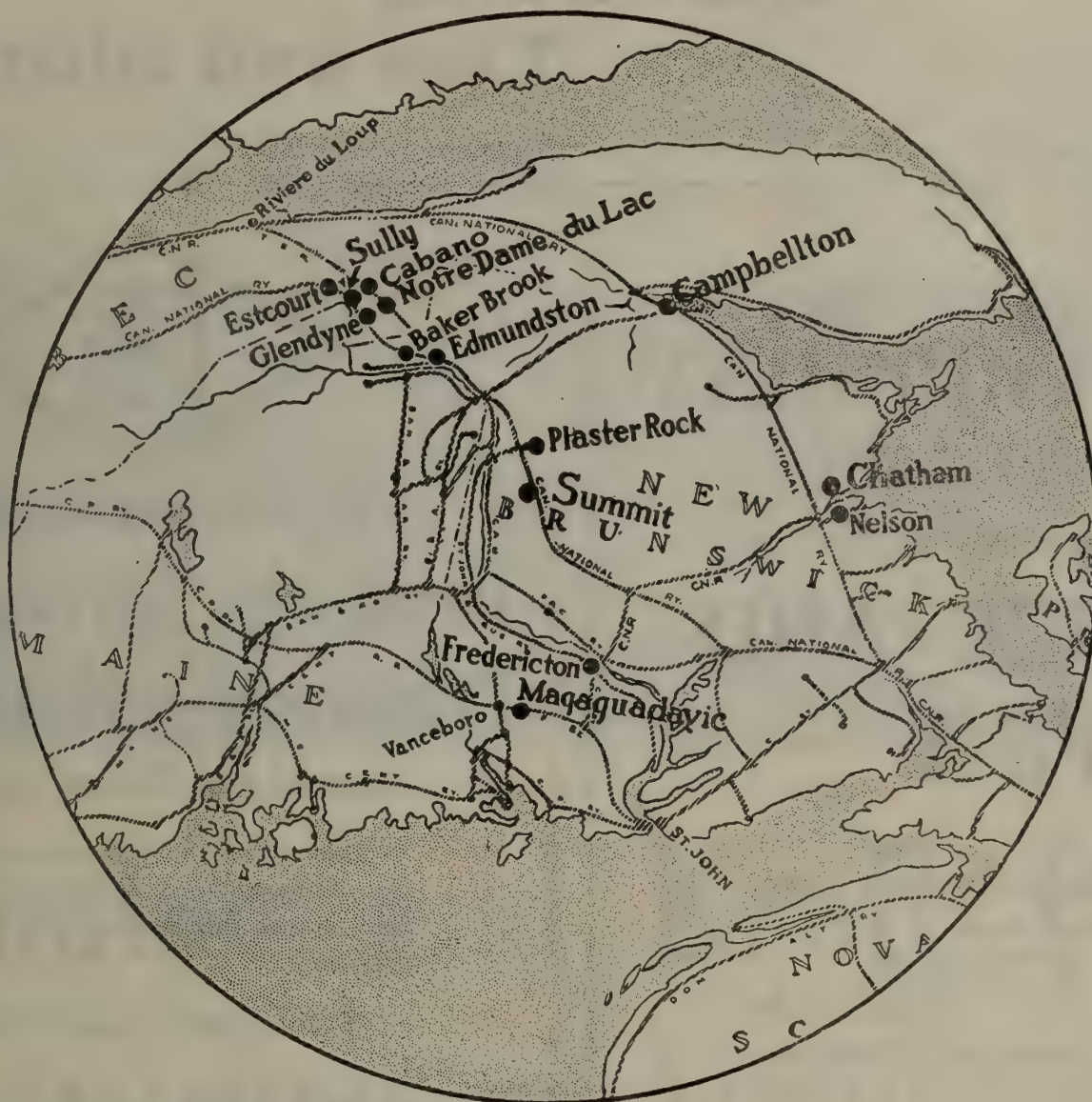
WE SPECIALISE IN 1/4  
SCANT SIZED DIMEN-  
SION, ALSO DIMENSION  
AND BOARDS IN THE  
ROUGH



# FRASER COMPANIES, Limited

Bleached Sulphite Pulp Mill. Saw Mills (all Band Saw Mills). Shingle Mill

HERE THEY ARE ON THE MAP



## Mills and Railway Connections

Saw and Shingle Mills	Railway Connections
Cabano, Que. ....	Temiscouata Ry.
Notre Dame du Lac, Que. ....	Temiscouata Ry.
Glendyne, Que. ....	C. N. Ry.
Estcourt, Que. ....	C. N. Ry.
Sully, P.Q. ....	C. N. Ry.
Edmundston, N. B. C.P.R., C.N.R. and Temiscouata Ry.	
Magaguadavic, N.B. ....	C. P. R.

Saw and Shingle Mills	Railway Connections
Baker Brook, N. B. ....	C.N.Ry., Temiscouata Ry.
Plaster Rock, N.B. ....	C. P. R.
Summit, N. B. ....	C. N. R.
Fredericton, N. B. ....	C.P.Ry and C.N.Ry.
Nelson, N. B. ....	C. N. Ry.
Campbellton, N. B. ....	C. N. Ry.

Bleached Sulphite Mill, Edmundston, N. B. ....	Railway Connection, C.P.R., C.N.R. and Temiscouata Ry.
Sulphite Mill, Chatham, N. B. ....	Railway Connection, C. N. R.

Bleached Sulphite.

Rough and Dressed Spruce.

White Cedar Shingles.

Railway Ties

Piano Sounding Board Stock a Specialty.

Selling and Purchasing Offices :--

EDMUNDSTON, N. B.



# The D'AUTEUIL LUMBER CO., Limited

81 St. Peter Street,  
QUEBEC

**Pulpwood, Lumber,  
Spoolwood,  
Ties and Shingles**

## H. R. Goodday

AND COMPANY

EXPORTERS OF

**SPRUCE AND  
PINE**

---

---

New Brunswick Agent

F. E. NEALE,

Chatham, N.B.

---

---

Head Office: QUEBEC, P.Q.



For Prompt Delivery of  
**Hemlock, Spruce, Lath  
Pulpwood and Hardwoods**

**Dressed and Ripped to Order**

We specialize in Hemlock and Spruce  
Timbers and have excellent facilities  
for quick shipment—rail or water  
delivery.

*Tell us your requirements*

**Fassett Lumber Co., Limited**  
Fassett, Quebec

F. N. Waldie, President.

R. S. Waldie, Vice-President

W. E. Harper, Secretary.

## The Victoria Harbor Lumber Co., Ltd.

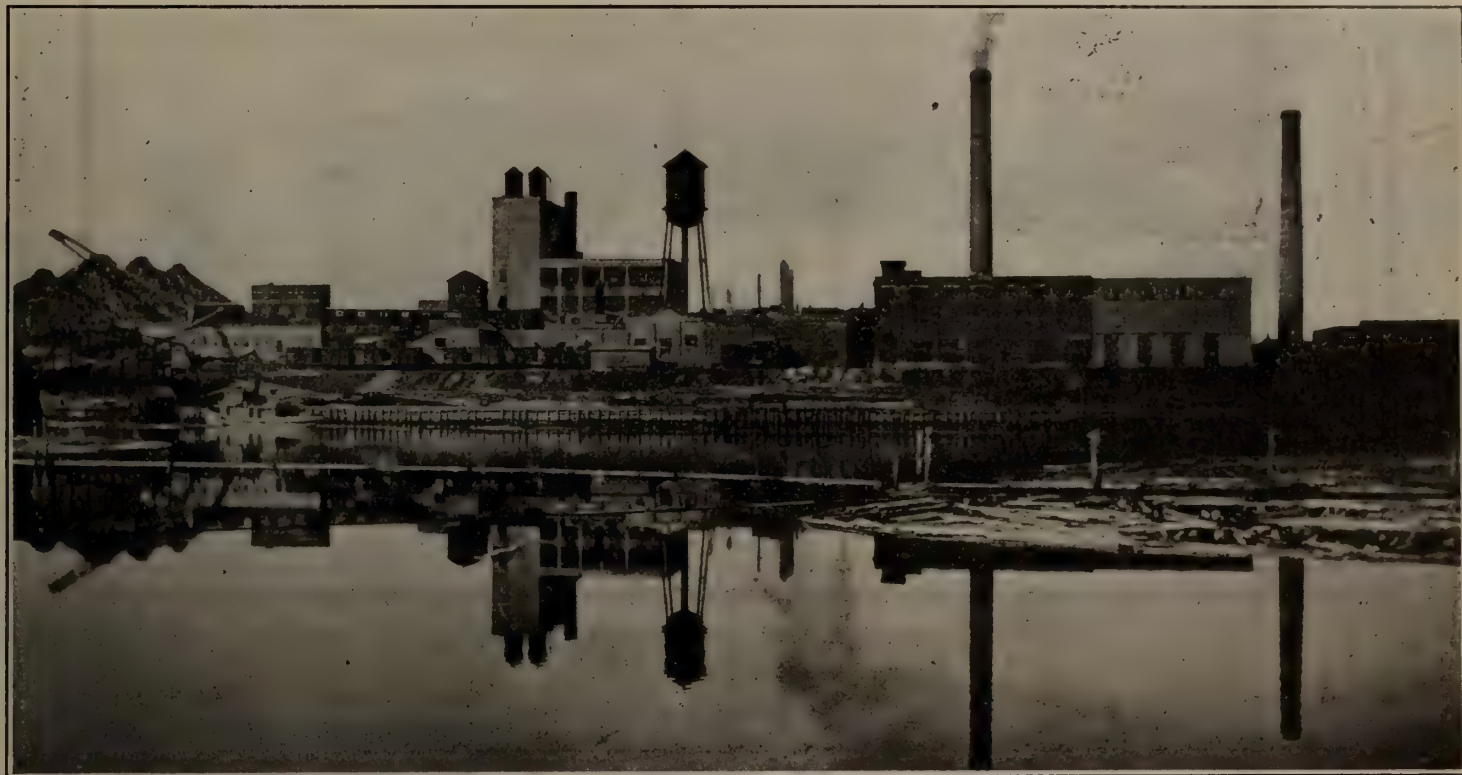
Manufacturers of

**Lumber and Lath**

Mills at Victoria Harbor, Ont.

HEAD OFFICE,  
12-14 Wellington Street East, TORONTO, ONT.





The large pulpmill division of the Bathurst Co., at Bathurst, N.B.

# Lumber and Kraft Pulp

*EASY BLEACHING SULPHITE PULP*

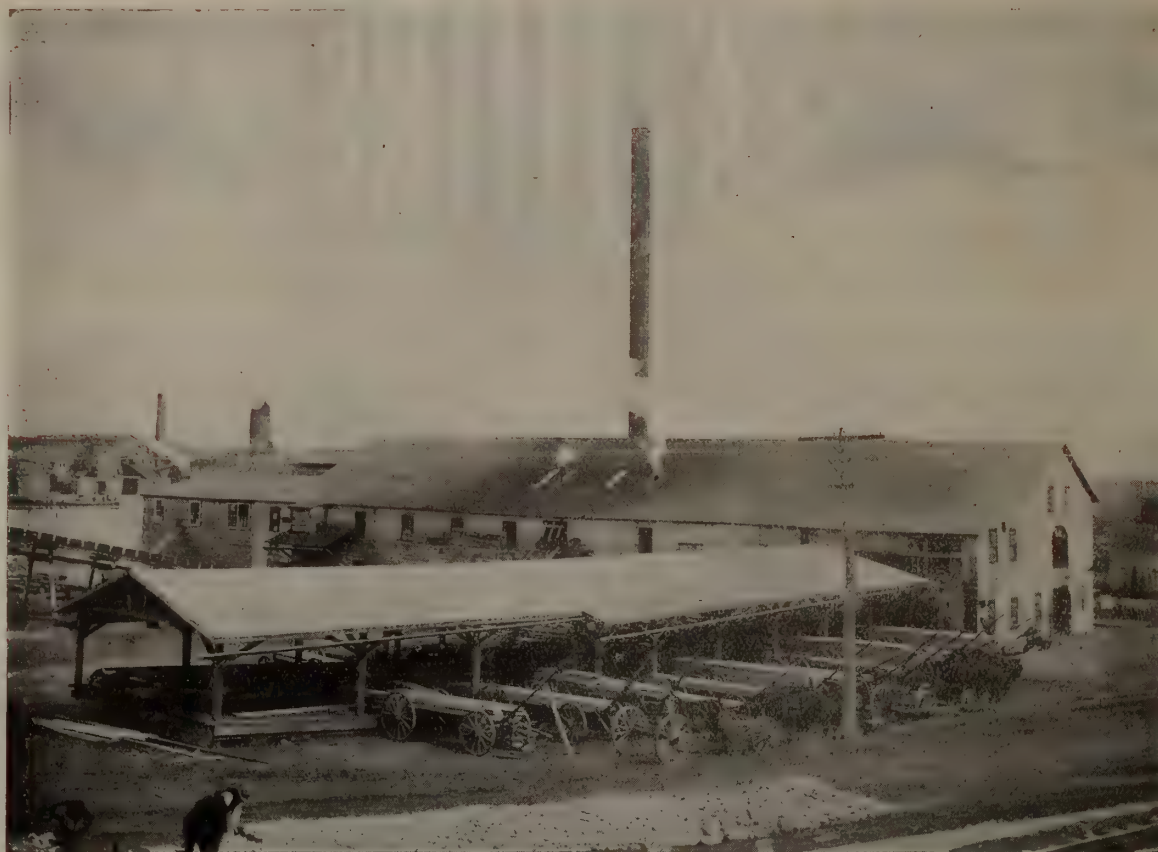
SPRUCE AND WHITE PINE

## The Bathurst Company Ltd.

BATHURST, N. B., CANADA







*General view of our mills at Bathurst*

# GLOUCESTER

***“with a reputation for  
quality and service”***

Let us have your enquiries for Spruce,  
Pine, and Hardwood Lumber, Lath,  
Shingles, Railway Ties, etc.

We are headquarters in the east for  
Sawn Lumber.

## Gloucester Lumber & Trading Co.

Head Office: Bathurst, N. B.

Mills at Bathurst, N.B. and Burnsville, N.B.



# WHITE PINE

All  
Grades and Sizes  
**30**  
Million Feet

In Stock

For Immediate Shipment

Stocks at  
Pakesley  
and  
Victoria Harbour

*Write for Quotations*

**SCHROEDER  
MILLS AND TIMBER CO.**

Frank J. Archibald, Sales Representative  
Room 305 Stair Bldg. 123 Bay St., Toronto, Ont.

ESTABLISHED 1893

INCORPORATED 1916

**ROBERT BURY  
& COMPANY**  
(CANADA), LIMITED  
1 Spadina Avenue, Toronto

Our Dry Kilns have a capacity for drying 200,000 feet per month. We will dry your transit cars.

All Canadian and American  
Hardwoods  
**MAHOGANY  
WALNUT  
VENEERS AND PANELS**  
of every description

## *THIS WEEK'S SPECIALS*

Car 4/4" Tennessee Scented Red Cedar.

" 4/4" Clear B.C. Spruce.

4/4" to 16/4" FAS Walnut.

6/4" FAS White or Red Oak Step Plank.

250,000 Mahogany, all thicknesses in Honduras, African and Cuban.

## VENEERS

MAHOGANY, OAK, WALNUT, GUM,  
BIRCH, BASSWOOD, ASH, MAPLE, and ELM  
Log run or cut to dimension

## PANELS

BIRCH, BASSWOOD, ASH, MAPLE, ELM, FIR,  
MAHOGANY, WALNUT, OAK and COTTONWOOD

**We Specialize in Mixed Ship-  
ments of Dry Hardwoods,  
Veneers and Panels**

*This is a good time to conserve your capital by making purchases in this manner*



## Hardwoods Wanted

We are in the market for  
Birch, Maple and Basswood  
for immediate shipment.

**The Kinnon Lumber Company Ltd.**  
454 King Street, West      TORONTO

## JAMES C. McCUAIG & CO.

We have to offer the following:

200,000 ft. 1 x 4 and up, 6 to 16 ft. White Pine "O" Culls.  
100,000 ft. 2 x 4 and up, 6 to 16 ft. White Pine "O" Culls.  
30,000 ft. 3 x 6 and up, 6 to 16 in. wide, 16 to 18 ft. long,  
Hemlock.  
35,000 ft. 1 inch "O" cull Hemlock.  
100,000 ft. 2 inch "O" cull Hemlock.

The above is all dry and ready for immediate shipment.

410 Union Bank Building  
**OTTAWA      ONTARIO**

CABLE ADDRESS:  
"LUMBEROLL"

Codes:  
A B C 5th EDITION  
ZEBRA CODE 3rd EDITION

*The*  
**Rolland**  
**Lumber Co.**  
LIMITED

WHITE PINE AND SPRUCE

Export and Domestic

62 St. James St. Montreal, Canada

**FRASER BRYSON**  
**LUMBER CO., Limited**

Office: Fraser Building,  
53 Queen Street      OTTAWA, Can.

*Wholesale Lumber Dealers  
and Selling Agents for*

**FRASER & CO.**  
Manufacturers

**White Pine, Red Pine,  
Spruce, Hardwood  
Lumber and Lath**

**R. Imrie Lumber Company**

18 Toronto Street, Toronto

Phone Adelaide 580

We offer for quick shipment:—

26,000 ft. 1 x 4 & wider Mill Run Red  
Pine—1922 Sawing.  
23,000 ft. 1 x 4 & 5 Mill Run Red Pine  
—1922 Sawing.  
40,000 ft. 2 x 6—10/16 Mill Run Red Pine  
—1922 Sawing.  
40,000 ft. 2 x 4 & wider Mill Run White  
Pine—1922 Sawing.

PRICES ON COAST AND MOUNTAIN STOCKS ON REQUEST

**Gregertsen Brothers Co.**

McCormick Building  
**Chicago, Ill.**

Yards and Planing Mill at Cairo, Ill. where we  
carry four million feet of high grade Cypress for  
quick shipment.

*We are the Cypress Specialists*



## Quick Buyers Wanted

To clean up the following bone dry, well manufactured, small log stock.

- 1 large car 2 x 5 10/16 Red Pine.
- 1 car 1½ x 4 & up 10/16 White Pine  
(Largely 5 & up).
- ½ " 2 x 4 & up 10/16 White Pine.  
(Largely 6 & up).
- ½ " 1 x 4 7 up 10/16 White Pine.  
(Largely 5 & up).

We have also several nice lines in  
**Sash & Door and Pattern Stocks**

*Send us your inquiries.*

For personal service, close prices, and prompt shipment,

WRITE

**J. C. BARTRAM**  
JACKSON BLDG., OTTAWA

resident:  
Sir William Price

Established  
1882

Vice-Pres. and Gen'l Manager  
Alfred S. Gravel

## SPRUCE and Hardwood

If its good **Quebec Spruce** you want we have it ready for prompt shipment.

Mail us your inquiries.

We also specialize in **Hardwood Flooring**.

**The Gravel Lumber Co., Ltd.**  
MANUFACTURERS and WHOLESALERS

Mills and Head Office  
Etchemin Bridge,  
Quebec

Selling Office:  
Room 501 Drummond Bldg.,  
Montreal



We are sawing now and will have ready for shipment the end of June, a well assorted stock of scant two inch **MERCHANTABLE SPRUCE**

Lengths and widths piled separate.

*Send us your inquiries*

**LINTON LUMBER COMPANY**  
306 Kent Building - Toronto  
Phone: Adelaide 3607

## GOOD PINE DRY

18,000'	1 x 4/up 6 to 9	Good White Pine	Shorts.
40,000'	1 x 4 to 6 10/16	" " "	Strips.
30,000'	1 x 7/up	" " "	Sides.
4,000'	5/4 x 4 to 6	" " "	Strips.
3,500'	5/4 x 7/up	" " "	Sides.
30,000'	6/4 x 6/up	" " "	Sides.
65,000'	8/4 x 6/up	" " "	Sides.
25,000'	1 x 6/up	"	No. 3 Cuts & Better.

Write for quotations.

**The Long Lumber Company**  
TORONTO OFFICE: - - - HEAD OFFICE:  
25 Toronto Street - - - Hamilton, Ont.





# MIXED CARS

We operate our own remanufacturing plant which enables us to offer a *Better Service* on your orders for *British Columbia Lumber* and *Red Cedar Shingles*.

*Underhill*  
LUMBER CO. LTD.

Vancouver, B. C.

Fir Flooring

Fir Ceiling

Rough Clear Fir  
(Kiln Dried)

Casing and Base  
Finish S. 4 S.

Hemlock Bevel

Siding and Finish

Red Cedar

Bevel Siding and  
Shingles.



## Line up with us for a good line of Lumber

Perhaps you are looking for a reliable source of supply of British Columbia Lumber. You will be glad to know where you can place mixed Car orders calling for any combination of B. C. woods. Our facilities for supplying you with this good lumber at right prices, are unexcelled.

Send your enquiries and orders to us. Correspondence from dealers who desire and appreciate UNIFORM GRADES, DEPENDABLE SERVICE, and SATISFACTION is respectfully solicited.

# APEX LUMBER COMPANY, LTD.

Ontario Representative: J. D. Robinson, Room 5 Imperial Block,  
Walkerville, Ont.

Vancouver, B.C.



# FRANK H. HARRIS LUMBER CO., LTD.

We Offer for Prompt Shipment

## Following Merchantable Hemlock

50 M'	1 x 4 & wider	8/16	175 M'	2 x 8	8/16
45 M'	2 x 4	8/16	90 M'	2 x 10	8/16
188 M'	2 x 6	8/16	60 M'	2 x 12	8/16

We Invite Your Enquiries On

## YELLOW PINE CYPRESS & SOUTHERN HARDWOODS

MILLS:—STURGIS AND LAKE, MISS.

Office: Excelsior Life Bldg., TORONTO, ONT.



## LUMBER



L  
A  
T  
H

MUIR & KIRKPATRICK

1315-20 Bank of Hamilton Bldg.

TORONTO, CANADA

MANUFACTURERS AND WHOLESALERS

L  
A  
T  
H



## LUMBER



# Thurston-Flavelle, Limited

MANUFACTURERS OF

**British Columbia Red Cedar Exclusively**  
**Cedar Bevel Siding, Finish, V-Joint and Mouldings**

Our Shingles are all Packed by the 'Thousand'

Straight or mixed cars with XXX and XXXXX Shingles.

Stocks carried at Lindsay, Ont., for quick shipment

Ontario Agents:

Gull River Lumber Co., Ltd., Lindsay, Ont.

Quebec and Maritime Provinces Agents:

Rose-McLaurin Limited, 2 Toronto St., Toronto.

Full particulars from our Eastern Agents.

**Head Office and Mills, Port Moody, B. C.**



**International Land & Lumber  
Company Limited  
LUMBER  
AND  
RAILWAY TIES**

Limits and Mills: ST. FELICIEN, LAKE ST. JOHN DISTRICT, QUEBEC

**LOOK!**

at Bracebridge, Ontario

All sizes No. 1 Hemlock,  
Dry Jack Pine Flooring & etc.

**ARTHUR N. DUDLEY**

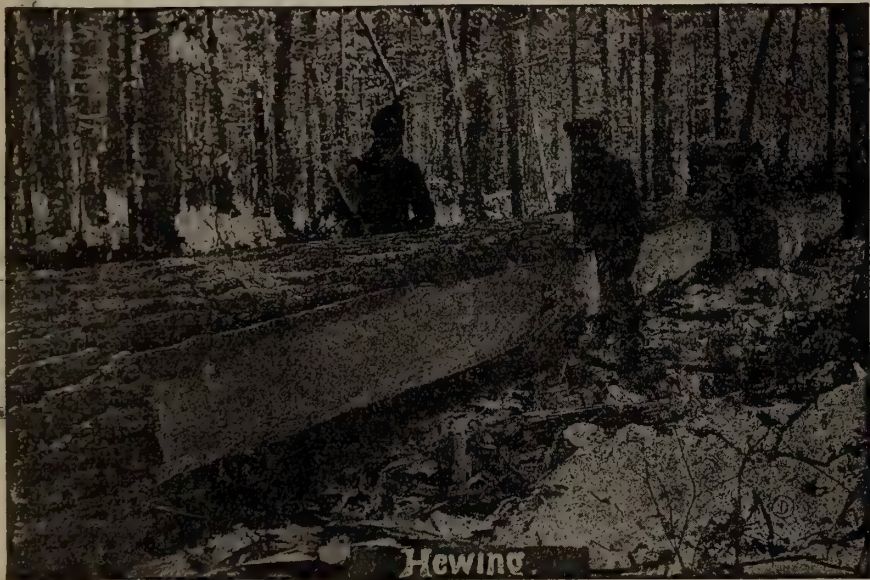
Manufacturer and Wholesaler

108-109 Stair Building,

TORONTO, ONT.

TELEPHONE MAIN 6368

**ONTARIO**  
*Canada's Banner Province*



Ontario's timber production last year valued at \$26,774,937 or 40% of Canada's total output.

Pine production, 905,442,000 ft. B.M

Pulpwood, 246,282 cords.

Railway Ties, 5,704,459.

Ontario's woodworking industries, using 34 different kinds of wood, provide a ready market for the lumberman. Eighty-two per cent. of lumber used in Ontario's industries purchased within the Province.

Ontario's vast resources offer unsurpassed opportunities to the lumberman.

For maps and full information regarding Ontario, apply to

**HON. BENIAH BOWMAN,**

*Minister of Lands and Forests*

**Dry Hemlock, Spruce and Pine**

*In All Dimensions*

1920-1921-1922 cut

Ontario and Quebec stock

**TIES AND PILINGS**

Also PINE, SPRUCE and HEMLOCK LATH

*All for immediate shipment*

WANTED

5 million feet Hemlock, Spruce and Pine Lumber. Also 5 million Hemlock, Spruce and Pine Lath

**Big Bear Lumber Company**

Telephones Main 651-1218-1219.

Suite 208 Excelsior Life Building, Toronto, Ont.



# Anderson, Shreiner & Mawson

## ALL KINDS OF HARDWOOD AND SOFTWOOD LUMBER

*Specialties*  
BIRCH AND MAPLE  
All Thicknesses

ROOM 411, COLONIAL BLDG.  
13 KING ST. WEST, TORONTO

MILLS AT  
KING LAKE and EAGLE LAKE, ONT.

Write or Wire Us, or Phone Adelaide 8085

### *Canadian Tie and Lumber Co.*

LIMITED

511 Temple Building,  
Toronto, Ontario

Phone Main 1151.

Cutting Capacity 300,000 Ft. per Day

# J. J. McFADDEN LIMITED

Red & White Pine **LUMBER** In Any Quantities

The above is supplied by us in all standard grades and dimensions. All lumber is of guaranteed quality and grade as ordered. Our location and facilities enable us to give our patrons the utmost in service and prompt shipments.

Mills at: - SPRAGGE, ONT. & BLIND RIVER, ONT.



# SCOTT, DRAPER & COMPANY

11 SAULT AU MATELOT STREET, QUEBEC.

## PULPWOOD, LUMBER AND TIES

LET US KNOW YOUR REQUIREMENTS

WRITE, WIRE, OR PHONE

### A. A. Sutherland Lumber Co.

LIMITED  
Oxford, N.S.

*Specialty made of dimension lumber any length up to 30 ft.*

**SPRUCE HEMLOCK  
HARDWOODS**

**BEECH, MAPLE and BIRCH**

*High quality lumber, liberal grading, conscientious service  
and prompt shipment*

LET US QUOTE ON YOUR LUMBER REQUIREMENTS

### Thompson Heyland Lumber Co.

123 Bay Street - - - Toronto

For Sale

Everything in Dry Hemlock Lumber.  
500 M. 1 x 4 x 5 x 6 in choice Merchantable Spruce.

Wanted to buy

2 million feet Spruce, Jack Pine and Hemlock for spring delivery.  
10,000 cords of Spruce and Balsam, peeled pulpwood.  
10,000 cords peeled poplar.  
50 M. Ties in Cedar, Hemlock and Jack Pine.

Will make the necessary advances.

### GILLIES BROS., LTD.

BRAESIDE

ONTARIO

**WHITE PINE**

**RED PINE  
SPRUCE**

*Dry Stock*

*Well Sawn*

*Prompt Shipment*



### Greig-Morris Limited

411 Manning Chambers, Toronto, Canada

Phone Main 7306

For quick shipment

dry

Ontario White Pine

also

Western Spruce

and

Eastern and Western Spruce Lath

Write for prices

Send us your inquiries



## The Same Good Quality

that makes these New Brunswick White Cedar Shingles famous is still found in every shipment that leaves our plant.

If you want to get the reputation of selling something really good this is the kind to handle. Made by

**W. H. MILLER CO. LIMITED**

Campbellton, N. B.

We also manufacture Spruce and Pine Lumber, Lath, Cedar Tiles, etc.



# British Columbia Lumber

*"Manufactured in Modern Mills"*

Quality Lumber in all Grades and Sizes

Specialties:—

Fir Cross Arms

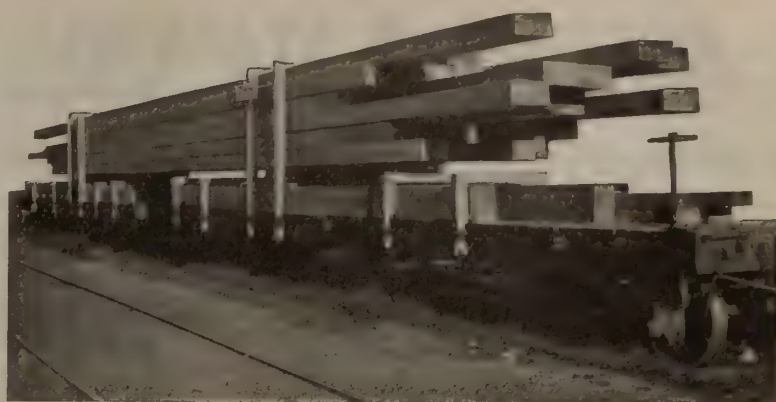
Spruce Box Shooks

Klin Dried Finish & Flooring

Rail Shipments to all parts of Canada  
and United States

## Cameron Lumber Co., Ltd.

Office & Mills - VICTORIA, B. C.



## Let us Serve You!

Long Timbers

Deep and Heavy Joists

Special Industrial Items

Rough—any size up to 110' long,  
S4S up to 16x20 x 100'

## Timberland Lumber Co., Limited

New Westminster, B. C.

Mills: South Westminster—Logging Camps: Ladysmith, Vancouver Island.  
Shipments over all railways.

### MEMBER MILLS

Alberta Lumber Co., Ltd.  
Dominion Creosoting & Lumber Co., Ltd.  
Eburne Sawmills Ltd.



### MEMBER MILLS

Ladner Lumber Limited  
Robertson & Hackett Sawmills, Ltd.  
Timberland Lumber Co., Ltd.

## Douglas Fir

## Western Hemlock

The combined resources of our Six Mills enable us to give prompt shipment of straight cars, Shed Stock, Mixed Cars, Uppers and Commons, Straight Cars Dimension, Timbers.

# Associated Mills Limited

Vancouver, B. C.

Eastern Representative: J. T. Todd

620 Federal Bldg., Toronto, Ont.



**DOUGLAS A. STALKER**

122 Wellington Street

Sherbrooke

Following dry Hardwood No. 3 Common and Better offered, \$30.00 F.O.B., mill, for immediate shipment.

	BIRCH	MAPLE
4/4"	100,000	55,000
8/4"	75,000	30,000
12/4"	154,000	50,000
16/4"	85,000	23,000

**P. Beauchemin & Fils**

Amos

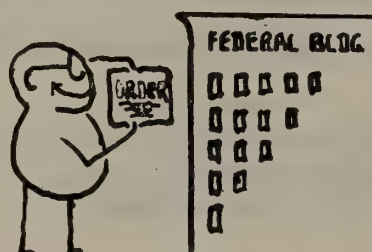
Quebec

We offer the 1923 summer cut as follows:

About 5,000,000' fifth and better, Spruce and Jack Pine.

2,000,000 Merchantable Spruce Lath.

*Will furnish on demand quotations for  
MILLING Lumber in TRANSIT*



Come  
in  
and  
see  
Lots  
of  
our  
new  
room  
office  
and  
we'd  
show  
you  
like  
to  
around.

**R. G. CHESBRO**

Federal Bldg.

Toronto

**Canfield-Wilmot**

LIMITED

Wholesale Lumber

Woodstock

Ontario

**B. C. FOREST  
PRODUCTS**

ALWAYS IN TRANSIT

Herbert F. Hunter, Vice President  
**THE HUNTER LUMBER CO.**

INCORPORATED

New Britain, Conn.

**WHOLESALE LUMBER****WANTED**

3/8" x 1 1/2" x 4' Spruce Laths No. 1 also No. 2.  
3/8" x 1 5/8" x 4' Spruce Laths No. 1 also No. 2.  
1" Matched Spruce Boards.  
2" x 3" to 2" x 12" Spruce Random Lengths.  
3" x 4" to 3" x 12" Spruce Random Lengths.  
4" x 4" to 4" x 12" Spruce Random Lengths.

**Mackinaw**

Bearing this "Rooster" stands for  
All Wool — Correctly Tailored — Generous Sizes

Over 30 Years Manufacturing for Lumbermen

COATS — PANTS — RIDING BREECHES — JUMPERS  
SHIRTS — OVERALLS, etc. etc.

*White Coats and Aprons for Cooks.*

**ROBERT C. WILKINS CO., LTD.** Farnham, Que.

523 New Birks Bldg., Montreal



# Mason, Gordon & Co., Limited

80 St. Francois Xavier St.

(Wholesale Only)

Montreal, Que.

## British Columbia Products

## White Pine and Quebec Spruce, Fir Doors

(Carload Lots)

Vancouver Office:

Pacific Building

Hubert C. Gordon

Representative

Exclusive Representatives

Quebec and Maritime Provinces

B.C. Mills, Timber &amp; Trading Co.

Vancouver, B. C.

## Sidney Mills Ltd.

SIDNEY, BRITISH COLUMBIA

Manufacturers of Fir, Hemlock, Cedar  
and Spruce Lumber.

Rail and Cargo Shipments.



TRADE MARK

Selling Agents:

## McElroy Lumber

COMPANY, LIMITED

(G. H. Walton J. Lightbody D. A. Matthew)

### Exporters and Shippers of

Mixed and Straight Cars of  
all B. C. Forest Products

VICTORIA, B.C.

Ontario Representatives:

Greig Morris Limited  
411 Manning Chambers  
Phone M. 7306 Toronto, Ont.

Quebec Representatives:

Mc Neil Lumber Co. Ltd.  
New Birks Bldg.  
Montreal, Que.

# Dry

5/4

and

8/4

# White Pine

## W. C. Edwards & Co.

Limited

OTTAWA

CANADA

## Milling in Transit

Planing Mill equipped with most modern  
machines on C. N. Railway. Prompt serv-  
ice and satisfaction guaranteed.

## Nault & Deshaies

Daveluyville

Quebec

Cable Address  
'BENLUMCO'Codes used  
ABC 5th Western Union  
Universal

## Bennett Lumber Co., Limited

Manufacturers and Exporters

### Spruce, Pine and Hardwood Lumber

## American Hardwoods & Mahogany

11 St. Sacramento St.

MONTREAL, P.Q.



# Why you can depend upon Long-Bell Hardwoods

## *Modern methods in manufacture*

Logs from our own virgin forests.

Each log selected and cut for the purpose for which it is best adapted.

Class of timber producing excellent widths and lengths.

Manufactured in our own Hardwood Mills, equipped with modern band machinery.

Manufacture supervised by experienced hardwood men.

Thoroughness given every detail of manufacture.

Particular care given to uniformity of thickness—carefully edged, equalized and trimmed.

End-buttet with mitre toothed saws.

Carefully sorted at chains.

Drying yard arranged to give thorough circulation to stocks in pile.

Every detail in sticking and drying carefully observed to insure best results.

Experienced inspectors grade lumber for shipment.

Double check inspection at cars in loading to insure uniform grades.

Same care exercised in loading in car as in manufacture.

Easily identified by the Long-Bell trade-mark on the end of every board.

Long-Bell Trade-marked Hardwoods are manufactured in our own Hardwood Mills exclusively, with modern band machinery.

Experienced hardwood men supervise the manufacture, insuring thoroughness in every detail of millwork.

Particular attention is given to uniformity of thickness; it is carefully edged, equalized and trimmed.

These modern methods in manufacturing contribute materially to the dependability of Long-Bell Trade-marked Hardwoods.

**The Long-Bell Lumber Company**  
R.A. LONG BUILDING Lumbermen since 1875 KANSAS CITY, MO.



# BUY BRITISH COLUMBIA Red Cedar Shingles



The life of a British Columbia Red Cedar Shingle Roof can almost be gauged by the life of the nail with which the shingle is nailed in place. Judging from available data, the average life of the ordinary steel wire nail, which has been in such common use, is only from seven to twelve years. Some wire nails will last longer, depending upon the condition of exposure, climate and similar features, but considering our climate as a whole, at the end of from seven to twelve years a large percentage of wire nails will have rusted either completely through or so extensively that the first strong wind will complete the work. The shingles that have been held in position by such nails are then free to work down, permitting rains or melting snows to leak through and damage the interior of the structure. Examination will disclose that the fibre of the shingle itself is still in perfect condition, and a leaky roof, in the majority of occasions is due entirely to the use of faulty nails, but the average home owner, placed at such inconvenience, will not stop to reason this out and the poor wooden shingle comes in for more unjust abuse.

There are several kinds of nails which experience has proven will give lasting satisfaction, and the wise dealer will advise his customers of these satisfactory nails. A pure zinc shingle nail meets all the demands of durability required. Its principal drawback is its high cost and a slight tendency to bend under careless driving. Galvanized wire nails theoretically are rust proof, and if the galvanized coating is properly applied, and of sufficient thickness, such a nail will last as long as the shingle it holds in place. The life of this shingle roof, properly applied with these nails then is from 40 to 50 years. Pure iron nails, or the old cut or wrought nails are ideal but difficult to secure. Copper nails also constitute a perfect shingle nail.

**Timms Phillips & Co., Ltd.**  
Yorkshire Bldg., Vancouver  
Manufacturers and Wholesalers  
**Red Cedar Shingles**  
3x-5x- Perfections, Royals, Imperials  
**Red Cedar Bevel Siding**

**Vancouver Lumber Co., Ltd.**  
Manufacturers  
**XXX-XXXXX CEDAR SHINGLES**  
(B. C. Inspected)  
Head Office, Vancouver, B.C. Eastern Sales Office Toronto, Ont.

**Westminster Mill Co.**  
LIMITED  
New Westminster, B.C.  
**Red Cedar Shingles**  
**Cedar Bevel Siding**

**Dominion Timber Products Ltd.**  
Vancouver Block  
Vancouver  
Largest Manufacturers of  
**Perfection Shingles**  
in Canada

**Underhill Lumber Co., Ltd.**  
Dominion Bldg., Vancouver  
**RED CEDAR SHINGLES**  
3x-5x- Perfection and Eureka  
**CEDAR BEVEL SIDING**  
**CEDAR BUNGALOW SIDING**


**Shull Lumber & Shingle Co. Limited**  
New Westminster B. C.  
Trade Mark  
**RED BAND SHINGLES**  
**XXX XXXXX Stars Clears**  
From Mill to You

If you want a market  
for B. C. Red Cedar  
Shingles put an advert-  
isement on this page.

**Northern Pacific Logging Co. Ltd.**  
Port Moody, B.C.  
Manufacturers of  
**High Grade**  
**Red Cedar Shingles**







# Simonds SAWS

If it is a saw of any kind for the Mill or Timber operation that you require, your first selection, because of their cutting efficiency and lasting qualities, should be a SIMONDS.

Made of SIMONDS own Steel—steel that is

manufactured in Simonds Steel Mills especially for high-grade products, SIMONDS SAWS hold their edge and stand heavy feed.

They retain their tension and require less fitting in the mill.

Write for our new catalogue and prices

## Simonds Canada Saw Co. Limited

*"The Saw Makers"*

MONTREAL, QUE.

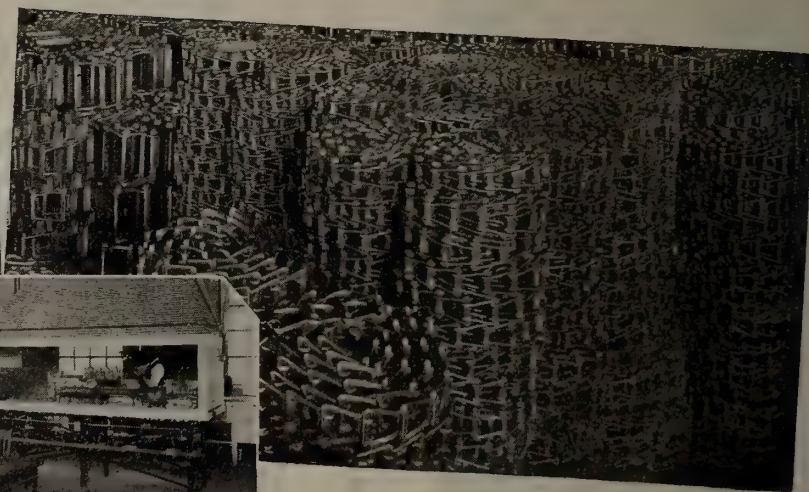
ST. JOHN, N.B.

VANCOUVER, B.C.



Above: Every strand of Link-Belt Chain is tested under load before shipping.

Insert: The Link-Belt Laboratory. Years of research and experiments have enabled us to reach and maintain the high Link-Belt standards.



Showing stock of chain at one of our warehouses.

### HERE'S WHY YOU SHOULD USE LINK-BELT CHAINS

EVERY strand of Link-Belt chain is not only made from the best materials, but is inspected and tested under load for strength, and uniformity of pitch.

Uniform high-tensile malleable iron castings—hard smooth pins—hard smooth cored holes for pins—generous wearing shoes for dragging—uniformity of pitch,

giving good sprocket action. These are reasons why Link-Belt Chains wear longest.

Measure values in length of service, and you will find that Link-Belt Chains are cheapest in the long run.

This  mark identifies genuine Link-Belt Chain.

CANADIAN LINK-BELT COMPANY, LTD.

TORONTO—WELLINGTON AND PETER STREETS

MONTREAL—10 GAUVIN LANE

# LINK-BELT



## The Final Whitewood Operation in Ontario

*Honor of Cutting Last Whitewood Timber in the Province Goes to George A. Oldrieve, of St. Thomas, Where he Operates Busy Mill, Sawing Native Hardwoods—Until Recently These Valuable Trees Sometimes Known as Yellow Poplar Were Part of an Annual Harvest—Last of the Huge Whitewood Logs on Their Way to the Mill*



George A. Oldrieve,  
St. Thomas, Ont.

"Lumber is the cheapest commodity in the world to-day considering the money invested in its production, the various processes of manufacture, the length of time it takes to fell the tree and convert it into dry stock, the number of hands through which it passes, and other considerations which do not require to be enumerated. I am speaking particularly of hardwoods. Lumbermen must get a better figure for the upper ends in order to break even with the game. The quality of timber is deteriorating and the sources of supply growing more scattered and scarce all the while. The logs are not nearly as large as they formerly were which makes the cost of manufacture heavier. No. 1 common and firsts and seconds and selects are getting proportionately less all the while. In maple, elm, basswood, birch and ash, the percentage of F.A.S. is only from 15 to 20 per cent and of selects from one-half to one-third of this amount. No. 3 common runs practically one-third to one-quarter. The sale of inferior grades has been very slow during the past couple of years."

So spoke George A. Oldrieve, of St. Thomas, Ont., who conducts a busy hardwood mill in that city and has for many years bought up timbered farm lands and other property in Elgin and adjoining counties. Mr. Oldrieve is a man who upholds the best traditions of his trade and gives scientific study to the production of his lumber. The slabs and edgings are disposed of for fuel and find a ready sale, while the low ends of the hardwoods which he cuts, are worked up into fish box shooks and sold to the fishermen who industriously ply their calling on the shores of Lake Erie. Some seasons as many as 25,000 boxes are turned out by Mr. Oldrieve who is himself interested in the Elgin Fish Company. At Plum Point, on Lake Erie, the company conduct pound net-fishing, capturing herring, pickerel, whitefish, perch and other varieties.

Mr. Oldrieve is not a fisherman, fond as he is of the sport, but at heart and by training and heredity a lumberman. His native place is Glencoe, being a son of John Oldrieve, for many years a successful sawmill man, who operated a plant at Glencoe until the surrounding timber was all cut up. When young Oldrieve went to school he frequently took charge of a tally book after hours and got to like the business. When he left home his first job was selling lumber in Edmonton where he spent two years. He then returned and bought the sawmill of A. McKillop & Sons at Wallacetown, Elgin County, which he operated for four or five years. Then as the timber would not come to him, he decided to get nearer the growths of basswood, elm, hard and soft maple and beech by removing the plant to St. Thomas where he acquired a site of several acres of land at the corner of Redan and Inkerman Sts. This was in 1916 and Mr.

Oldrieve's mill has been kept busy ever since cutting up the woods already named, along with a sprinkling of oak and hickory which are, however, growing scarce. The plant has good railway connection a G. T. R. siding running right into the yard.

### Handling the Product at the Mill

Mr. Oldrieve's mill is a two-storey structure, 30 x 70 feet, and the cutting capacity is about 25,000 feet a day. The logs are brought to the yard from farms in South-Western Ontario by railway cars and motor trucks, being cut in 12, 14 and 16 foot lengths. In the yard the logs, some of which are 30 to 40 inches in diameter, are drawn to the pit at the foot of the jack ladder, or haul-up, by stone boat in the early spring days, and at other times by a log truck which is a rather unique vehicle, travelling on wheels 12 inches wide and with a platform only 12 inches from the ground. The logs are easily rolled on this low conveyance. At the bottom of the haul-up the logs are dumped on a car which ascends from the pit by means of a chain pull operated by a lever. Arriving in the mill the logs are rolled on a convenient deck and from there go on to the carriage, a nigger operated by friction assisting in the operation. The carriage, which is of Waterous build, is capable of accommodating timber up to 30 feet in length. It has hand set works with friction drive and three head blocks equipped with recede spring control.

One feature of the well-lighted mill is that every part of the equipment is electrically driven by individual motors, Hydro power being used. The circular saws are driven by 75 h.p. motor. The



Loading by means of gin pole, block and tackle, a car of hardwood logs for the Oldrieve sawmill at St. Thomas, Ont.





The last of the whitewood logs in Dunwich Township, Elgin County, being conveyed to the Oldrieve sawmill in St. Thomas. These huge specimens were recently converted into lumber and no more whitewood trees are available in Southwestern Ontario

lower saw is 58 inches in diameter and the upper, which is used in cutting up exceptionally large logs, is 44 inches across. Both inserted and solid tooth saws are used. Mr. Oldrieve personally looks after the sawing end, as he believes that by a close scrutiny of the timber and expert cutting, as head sawyer he can effect a considerable saving. He is also an experienced cruiser and when he buys a bush, he has a good knowledge of what timber it contains and about how many feet he will be able to get out of the tract purchased.

#### The Last Whitewood Logs Sawn

One kind of timber, of which the last specimens were lately sawn in the mill of Mr. Oldrieve, is what is known as whitewood (yellow poplar). The logs were obtained from Dunwich township, near Dutton, and measure from 36 to 44 inches in diameter. This timber which has a deep heavy, V-shaped bark, is the only tasteless wood known. Whitewood lumber has been used for many years by confectioners, bakers and others for the production of receptacles and utensils employed in connection with their products as it imparts no taint to the contents. Now that the supply of whitewood in Western Ontario is virtually exhausted, it is stated that some concerns, such as the Fletcher Mfg. Co., Glencoe, who for years have bought large quantities of whitewood from Mr. Oldrieve, may have to fall back on American poplar. Accompanying this reference is shown a photograph of some large whitewood logs which were taken out last winter by Mr. Oldrieve.

In reference to whitewood, Mr. Oldrieve remarks that in the early days of Elgin County it was used extensively in building and made the finest sash for houses, verandah posts, etc. The durability of the lumber was wonderful. It was also employed largely for interior finish, as years ago nearly all inside woodwork was grained. Whitewood would stay in place and took paint very well. For store shelving or drawers in any furniture, nothing better than whitewood was ever known in that section of Ontario, and it was about the first timber along Lake Erie that a mill man could sell in the American market. In the early days they exported it to England in the form of square timber.

#### Plant Driven Entirely by Electricity

But to return to operations at the sawmill—the slabs from the logs go to the slab saw which is run by a 15 h.p. motor. The boards, which require edging, are transferred to a one saw edger which is conveniently located and run by a 10 h.p. motor. Another motor of the same power runs a 26 inch swing trim saw. All the lumber

which does not require edging, goes direct to the lumber car at the north end of the mill.

The slabs are cut, mostly in 12 inch lengths and deposited into a dump car which serves as a hopper. When the car is filled it is run down a track and, with revolving sides and bottom, is soon released of its contents, and returned to its starting point by means of a chain pull. It may be stated here that, not only is a large business done in slabs, which are sold for \$3.00 a load delivered, but considerable cordwood is also disposed of.

In logging operations trees, that are unfit for lumber, and large limbs are brought in. By means of a butting saw they are cut up into various lengths for fuel consumption. Wood during the past winter, owing to the scarcity of coal, was in active demand in St. Thomas.

#### Converts Low Ends into Fish Box Shooks

No. 3 common hardwood lumber, for which there has not been much demand except at very low prices during the past two years, is converted by Mr. Oldrieve into fish box shoos of the thickness of  $\frac{1}{2}$  inch. Each regulation fish box is 32 inches long, or 40 inches including the handles, 10 inches deep and 18 inches wide. The work of cutting out the bottoms is done by means of a sizing saw, with gauger bar. Any width can be cut from  $2\frac{3}{4}$  inches to 10 inches. For the tops and bottoms of the boxes several pieces of thin lumber may be used from 4 up to 10 inches in width. Many thousands of box shoos are turned out each year and a rapidly-growing trade in this line has been developed.

For delivering wood two Ford trucks are used while for hauling logs from the country to the mill a large Acason truck and trailer is brought into service.

Mr. Oldrieve disposes of his lumber principally through wholesalers except some special lines, such as the whitewood, already spoken of, which is sold directly to confectionery and bakery equipment firms. Much of the lumber obtained from whitewood is 22 inches wide and sawn  $1\frac{1}{2}$  inch in thickness. The trees grow to a height of 50 to 80 feet.

There are about seventy factories in South-Western Ontario using hardwood lumber for various articles and thus the demand is reasonably steady and conservative.

Mr. Oldrieve is an enthusiastic lumberman and a live citizen of St. Thomas. He is a member of the Executive of the Chamber of Commerce and took an active part in the "Made-in-St. Thomas Exposition" which was held over a year ago, with splendid results.

(Continued on page 59)



# Lumbermen Wish Sales Tax Act Simplified

## Influential Delegation Visits Ottawa and Presents Strong Memorandum— Character of Lumber Business is Entirely Different

At the suggestion of the Montreal Lumber Association, the Montreal Wholesale Lumber Dealers' Association, and the Montreal Retail Lumbermen's Association, the Canadian Lumbermen's Association convened a conference at Ottawa on May 31, to consider the Sales Tax in its relation to lumber industry, and the advisability of making further representations to the Government. Those who were primarily responsible for the conference believed that an effort should be made to agree upon some scheme which would represent the views of, at any rate, the majority of those interested in the lumber industry.

All sections of the industry were represented, as will be noted from the following list of names of those attended: Messrs. A. E. Eckardt, the R. Laidlaw Lumber Co., Toronto; G. P. Davidson, the James Davidson's Sons Co., Ottawa; E. R. Bremner, W. C. Edwards Co., Ltd., Ottawa; E. M. Barrett, Ottawa; J. W. Smith, Colonial Lumber Co. Pembroke; A. L. Eastcott, Pembroke Lumber Co., Pembroke; R. G. Cameron, Cameron & Co. Ltd., Ottawa; D. H. McLennan, McLennan Lumber Co., Montreal; J. A. Story, Story Lumber Co. Ltd., Ottawa; J. S. Bock, Eagle Lumber Co. Ltd., Montreal; J. P. Dupuis, J. P. Dupuis, Ltd., Montreal; W. Rutherford, William Rutherford & Sons Co. Ltd., Montreal; O. Page, Cardinal & Page, Montreal; W. A. Filion, E. H. Lemay, Montreal; J. B. White, Riordon Company, Montreal; W. T. Mason, Mason, Gordon & Co. Ltd., Montreal; M. T. Raymond, Spanish River Lumber Co., Toronto; S. C. Thompson, Gatineau Company, Ottawa; E. B. Day, Federal Lumber Co., Toronto; P. C. Walker, Sheppard and Morse Lumber Co., Ottawa; W. M. Ross, J. R. Booth, Ottawa; R. R. Williams, Williams Lumber Co., Ottawa; J. Stratton, Rideau Lumber Co., Ottawa; J. A. Bonneau, Millen & Frere, Montreal; Arthur H. Campbell, Campbell, MacLaurin Lumber Co., Montreal; C. McDonald, Fesserton Timber Co. Ltd., Montreal; F. H. Stearns, F. H. Stearns & Co., Montreal; Alb. J. Smith, Alb. J. Smith Lumber Co. Ltd., Montreal; J. C. Bartram, Ottawa. T. Hawkins, secretary of the Canadian Lumbermen's Association, and R. L. Sargent, manager of the Transportation Bureau of the Association. The delegates represented the Canadian Lumbermen's Association, the Montreal and Toronto Wholesale and Retail Associations, and the British Columbia Wholesalers Lumber and Shingle Association.

The conference, which lasted the entire day, was presided over by A. C. Manbert, (Canadian General Lumber Co., Toronto). The delegates discussed the Sales Tax from many angles and examined schemes other than the one proposed by Mr. Fielding, going into details as to how they would work out. The representatives criticized the proposed licensing scheme as likely to prove costly and as too involved for smooth running. One suggestion that failed to meet with approval, was to the effect that the 6% be levied on sawn lumber as it leaves the mill and on all importations of lumber. As this lumber is absorbed or incorporated into a further manufactured article, an additional 6% be paid by the manufacturer of that article, who, however, is to be allowed, in computing the Sales Tax to the Government, to deduct the amount of the 6% tax on the cost of the raw material. The Government will thus receive 6% on the finished manufactured product. The conference held that the system was too complicated and was not suitable for the lumber trade.

### Consideration of Mr. Bock's Proposal

The representatives also considered the proposal put forward by Mr. J. S. Bock, and referred to on another page. This, briefly, was that the mill pay the tax, passing it on to the wholesaler or consumer as a separate charge. No further tax is to be paid except where the name and nature of the commodity is changed by re-manufacture, when a further tax will be collectable. Under this plan, no tax will be payable on sashes and doors and on milled and dressed lumber.

Other delegates strongly urged that the Government be asked to allow the tax to remain as at present—3% collected at the mill, chargeable to the wholesaler as a separate item. Ultimately, it was decided to approach the Government with a request to this effect, the plan proposed by Mr. Bock being adopted as an alternative.

The following committee was appointed to wait on Mr. Fielding and put the proposal of the conference before him: Messrs. Manbert, McLennan, Bock, Dupuis, Eckardt, Barrett, Ross, Day, Rutherford and Hawkins. The deputation saw Mr. Fielding in the evening, Mr. Manbert speaking on behalf of the members. The Minister of Finance was non-committal, but stated that he was open to suggestions. He further stated that if the deputation desired to further argue their case they might see Messrs. R. R. Farrow, Deputy

Minister of Customs and Excise, and J. A. Russel, of the Finance Department. The committee met next morning and deputed Messrs. Manbert, McLennan and Hawkins to see these gentlemen. They accordingly did so, and reiterated the arguments placed before Mr. Fielding. The main contentions of the deputation are summarized in the following memorandum, which has been submitted to Mr. Fielding.

### The Memorandum to Mr. Fielding

As directed by you, the committee representing the various branches of the lumber trade in the Dominion rehearse herein in brief the representation verbally made to you regarding the proposed changes in the Sales Tax Act. We understand that these changes are inspired by the following considerations.

- (1) A wish to simplify the enforcement.
- (2) A determination not to increase the total revenue from the Sales Tax.

We are in entire sympathy with both of these attitudes but after careful investigation we find that the proposed Act as applied to these, in respect to the lumber trade is positively inoperative. We recognize that as an abstract proposition the theory of taxing at the source is plausible and appealing. We realize that there may be certain trades which approximate very nearly an ideal condition for enforcement, a condition wherein the various stages in productive, procedure and distribution are regular and orderly in practice, and definite and conclusive at the various stages; further, that these conditions are common, simple and uniform in the habit of that trade.

To illustrate; in the shoe trade the steps are from tanner to the manufacturer and then to the retailer, either through a jobber or direct. The article is complete when it leaves the manufacturer and no further changes, remanufacture, alteration or partition can be possible.

The character of the lumber business is entirely different. No two boards are exactly alike. Wide variations in value come out of the same log. Two boards may come out of a log, one worth \$200.00 and the other \$10.00 per thousand. The practices in distribution of these products are varied and complex. The agencies are equally so. The saw-mill manufacturer may be a wholesaler and a retailer as well; a primary manufacturer may be also a retailer and a secondary manufacturer; a wholesaler may be both retailer and secondary manufacturer as well.

### Would Lead to General Mix-up

We understand that, under the proposed Act, an article which is further manufactured and on which a tax has already been paid must maintain its identity in respect to the tax so paid to provide for adjustments by way of refund. This is impossible in the lumber business.

A unlicensed wholesaler may buy from a mill, a mill run cut at an average price which he may take to a yard and afterwards assort into various grades. He may repeat this procedure from other manufacturers wherein the prices will differ according to the mill run average, or from some other wholesaler who will sell parts of his mill purchase on other basis of prices. Out of the assorting of these purchases, he may accumulate one pile or carload of a certain grade. He may sell or ship the best 80% of this accumulated grade to a piano manufacturer or a furniture manufacturer who will use the article in various ways in his processes. This simple illustration will readily demonstrate that it is impossible to determine what tax was originally paid on this lumber.

This is but one of the countless illustrations which can be given of practices which are common in kind though varied in degree, but which can hardly be understood or imagined by one who is not conversant with the regular technique and practice of the trade.

We can show by these illustrations that the course of lumber from log to ultimate consumer is probably more varied, irregular and complex than that of any commodity and that, in its distributive experience, the product of a log is constantly being arbitrarily divided, reclassified, partially remanufactured and all in general adjustment to a range of



use, which is probably wider than that of any other commodity.

#### Continue the Tax Now in Force

We can abundantly prove by illustration that exact fulfilment of the proposals of the new Act is absolutely impossible. To even approximate them will involve a tremendous amount of added cost in administrative expense on the industry; will involve calculations and executive determinations that will be embarrassing and restrictive in trade procedure and that will entail added expense and annoyances upon the Government in administrative rulings and enforcement.

We, therefore, appeal to you most earnestly to abandon the proposal and to continue the Act now in force. The

Government has announced that it does not intend to increase taxation. This proposal even if workable would lay a heavy and added burden upon the lumber business directly and indirectly. A fundamental canon in economic thought within the British Empire is the freest possible access to raw materials essential to the key industries of the country. The welfare of Canada is peculiarly concerned in the developments of her natural resources. Lumber is one of the greatest of these.

We make these representations to you not from pride of opinion nor partisan preference. They are made only because of absolute necessity. We must have relief from the announced intentions.

## Westerners Want Sales Tax Left Unaltered

The B.C. Wholesalers' Lumber & Shingle Association have sent a communication to Mr. Fielding heartily approving the stand taken that the present sales tax be left unaltered, and stating, in their opinion, the new tax and method of collecting the same will be very costly, unworkable and unfair. The Western wholesalers do not sell 50 per cent. of their sales to licensed manufacturers or other licensed firms. They would, therefore, be absolutely unable to compete with the mills or licensed wholesalers selling to such licensed manufacturers.

#### Should Collect from Manufacturers

The following is a copy of a letter sent to Mr. Fielding by the Secretary of the Montreal Wholesale Lumber Dealers' Association.

"I am directed to forward a copy of the following resolution passed by the members of our Association—

After a careful study of the proposed Tax Act, the Montreal Wholesale Lumber Dealers' Association are of opinion that the operation of the lumber business under the system of licensed and unlicensed wholesale and retail dealers and manufacturers is so full of difficulties as to be inoperative; and we suggest that this feature be eliminated from the Act, and that instead it be made to read that the sales tax decided upon shall be collected from the sawmill manufacturers, by the Government and be shown by the manufacturers as a separate charge on all invoices for lumber sold for use in Canada. Also that no further tax be imposed on rough or manufactured lumber used for building purposes."

#### What Retailers Would Like to See

The following is the resolution passed by the Montreal Retail Lumber Dealers' Association, and sent to Mr. Fielding:

"Realising the fact that it is the desire of the Government to change the taxation in force at present, it will be agreeable to our Association that the Government make a tax of 6% on the lumber business, and that the said tax be collected at the source of production either on the purchase price or as a separate item on the producer's invoice. As the largest part of our members are doing a dual business, that is a retail lumber yard and a sash and door factory in connection, using the same administration for both departments, they being under the same supervision and same book-keeping system, it would place us to heavy expense and a lot of inconvenience if a further tax is imposed on the re-manufacturer. Our association desires to place itself on record to our Government that whatever tax they impose on lumber be collected at the source of production."

#### Sales Tax Plan Which is Simple

The Montreal correspondent of the "Canada Lumberman" writes:

The Sales Tax has been the subject of caustic criticism by representatives of many industries, particularly in relation to the method of collection, which is so complicated that there are still doubts as to how it will work out. The Finance and Customs Departments at Ottawa have naturally received protests, both verbal and written, by those affected by the scheme, the main ground being that the regulations will involve needless expense to the country and to those who have to pay the tax. These regulations are so framed as to call for the employment of an army of Government servants and a large clerical force by the tax-payers. The regulations are, in fact, very complicated, and were evidently drawn up by men who know little or nothing about the practical side of business life.

Some of the industries have submitted amendments and counterplans, with a view to simplifying the proposed method of collection. Mr. J. S. Bock, of the Eagle Lumber Company, and the chairman of

the Montreal Wholesale Lumber Dealers' Association, has suggested a scheme which, at least, has the merit of simplicity. It is not perfect, but then, it is almost impossible to devise a plan dealing with taxes of this character which is not open to some objection.

Mr. Bock's proposal has special reference to the lumber trade. His idea is that a mill should pay the tax of 6% and pass this on as a separate charge to the wholesaler or other customer. When the lumber is re-manufactured in a form which involves a change in the name and nature, an additional tax will be payable. For example, should lumber be converted into furniture the mill will pay 6%, and the furniture manufacturer an additional tax on the total cost of the finished product.

The objection to the scheme is that the tax is paid twice,—once by the mill man on the raw material, and again by the furniture manufacturer on the finished product. The Government will thus be receiving a double tax, although part of it will only be on a portion—the raw material—of the finished commodity.

The principal argument in favour of the plan is that the tax will be easily collected, and that the cost to the Government and to those who pay the tax will be very small in comparison with that, under Mr. Fielding's proposal. The amount saved will offset the double tax payable by the re-manufacturers of lumber.

Lumber which undergoes dressing and milling, sashes and doors, will be excluded from the additional tax, being classified as raw material. The essential point of the plan is that no second tax is chargeable unless the lumber is re-manufactured so as to be a different commodity. Mr. Bock's scheme has, at any rate, all the elements of a workable plan, free from many of the serious drawbacks of Mr. Fielding's regulations.

#### Montreal Wholesalers Talk Over Tax

The Sales Tax was the main subject for discussion at the monthly meeting of the Montreal Wholesale Lumber Dealers' Association held recently, at the Mount Royal Hotel, under the presidency of Mr. J. S. Bock.

The subject arose out of a conference held in Montreal between wholesalers and retailers to consider this matter, and also out of a letter received from Mr. R. P. Shannon, president of the British Columbia Wholesalers Lumber and Shingle Association. The British Columbia Association is in favour of the tax being paid by the mill, Mr. Shannon pointing out that, under the Government scheme, the cost of collection is likely to be excessive. His own view was that the Government should collect the tax in all cases from the source except where the lumber was sold to a manufacturer for re-working, and the Government desired the tax on the manufactured value of the ultimate product.

The discussion was taken part in by the chairman, Messrs. A. Campbell, Page, Rolland, A. J. Smith, and others. The chairman remarked that, under the scheme as proposed by the Government, the tax would be very costly to collect, and would also involve a considerable expense on the part of firms who paid the tax, inasmuch as it would involve additional trouble, book-keeping, etc. He suggested another method which he believed would work out more satisfactorily, as it was not of such a complicated character. It was that the mills should pay the tax of 6%, and that a further 6% should be paid when the lumber was re-manufactured into such articles as pianos, furniture, etc. Such lumber as was required for construction purposes would be exempt from this additional 6%. This scheme involved the tax being paid on the raw material, and again on the finished commodities, but he held that, in the end, the proposition would prove more practical than the Government plan, and would save money, both in collection and to the firms concerned. After all, the public would have to pay eventually.

The following resolution was passed: "This meeting is of opinion



that the Sales Tax of 6% should be paid by the saw-mill manufacturers, and that no further tax be paid except in the case where the process of re-manufacture changes the name and nature of the commodity, when a further tax be paid. It is understood that the dressing and milling of lumber, as provided in the present law, is not to be considered as changing its nature."

The names of Messrs. Buchanan, C. Villiers, and A. H. Camp-

bell were added to the Entertainment Committee to make arrangements for the proposed golfing tournament, for which a cup has been offered by the "Canada Lumberman."

A letter was received from the Province of Quebec Retail Lumber Dealers' Association on the subject of the relations between wholesalers and retailers, and it was decided to arrange a conference between the two associations at an early date.

## Why Lumber Cannot be Adjusted to New Tax

A. C. Manbert, who along with A. E. Eckardt, was the representative from Toronto at the conference of lumber manufacturers, wholesalers and retailers held in Ottawa on June 1st, which passed a unanimous resolution urging the Minister of Finance to abandon the proposed new sales tax and continue the act now in force, has sent an important communication to Mr. Fielding on behalf of the deputation. The letter explains how involved and intricate the proposed new sales tax is and outlines specifically some of the difficulties which would be found in giving the new measure practical application. Mr. Manbert presents the situation in a clear and convincing manner and the subjoined letter will well repay a perusal.

Toronto, June 7th, 1923.

Hon. W. S. Fielding, L.L.D., D.C.L.,  
Minister of Finance, Ottawa.

Sir:—We crave your further consideration. It is so highly important that you possess an intimate knowledge of the features which make the proposed Sales Tax unworkable in the lumber trade, that we venture added illustrations to supplement our interview of May 31st and letter of June 1st. These illustrations are not exceptional, but are typical of daily and continuous procedure. To this end we will set forth various parties regularly concerned in the trade, showing their status. We will present the conditions under which business would originate at the source of primary production, and we will give a few illustrations of the working out of various transactions.

### "Characters"

George Gordon & Co., Lumber Manufacturers, Licensed.  
Union Lumber Co., Wholesale Lumber, Unlicensed.  
Barton Lumber & Supply Co., retail lumber, Unlicensed.  
D. Aitchison & Co., Retail Lumber (Mfrs. Sash and Doors and Cabinet Work) Licensed.  
Ontario Box Co., Manufacturer Boxes, Licensed.  
International Harvester Co., Manufacturer Machinery.  
Uses lumber for Products, Crating, Patterns and Flasks, Plant Repairs, Licensed.  
Wood, Alexander & James, Wholesale Hardware, Unlicensed.  
R. Laidlaw Lumber Co., Wholesale Lumber, Retail Lumber, (Mfr. Sash and Doors and Cabinet Work) Licensed.  
Graves, Bigwood & Co., Lumber Manufacturers, Retail Lumber and Supplies, Licensed.

### "Argument"

Geo. Gordon & Company, (Licensed Mfrs.) sell to Union Lumber Company, (Unlicensed Wholesale).

1,000,000 ft. "Mill Run" at an average price of \$50.00. This stock is graded and piled as it comes from the mill, as follows:

Good Sides, worth, say, \$135.00.  
Cuts, worth say, \$90.00.  
Common and Dressing, worth say, \$45.00—\$60.00, according to different widths.  
Box, worth say, \$35.00—\$42.00, according to different widths.

In reality there are many more sub-divisions, or "grades," but the foregoing are the principal ones.

Gordon & Company, (Licensed Mfrs.) sell to Laidlaw Lumber Company 1,000,000 ft. Culls at an average price of \$25.00. This stock is likewise graded as it is piled. 10 x 12" No. 1 Culls, worth say, \$36.00; Sidings No. 1 Culls, worth say, \$32.00; 10 x 12" No. 2 Culls, worth say, \$25.00; Sidings No. 2 Culls, worth say, \$20.00; Promiscuous No. 3 Culls, worth say, \$12.00.

In the case of Union, the Sales Tax is either charged or added in the price; in the case of Laidlaw, it is "Passed on" under license.

### "Illustrations"

No. 1—Union (Unlicensed) sells Barton Lumber & Supply Company (Unlicensed) 1 x 4" Common and Dressing.

Tax was paid (or dealt with) at source. No further Tax. This is an ideal operation.

No. 2—Union (Unlicensed) sells Aitchison (Licensed) 1 car Good Sides at say \$135.00. Aitchison assort say as follows:

Best 80% for Special Pattern Trade. This goes into "Stock" and it may be two years before it will all have been sold out, depending upon the activity of his trade.

Poor 20% for his manufacturing dept. This last lot being "liners" and close in value to "Cuts" (the next grade poorer)) which he usually buys for his manufacturing dept., he piles upon "Cut" piles for economy of yard room. The identity of this 20% will be merged into other stock and lost, but ultimately it will doubtless be used in manufacturing dept. although some portion of it might be sold manufactured.

Assuming that Aitchison uses the poorest of it to make into "Trim" and the best of it to make store or office 'Fittings,' how will the Tax "rebtable" be arrived at to reduce manufacturer's cost, and to avoid pyramiding? The best 80% or some portion of it he sells to International Harvester Company (Licensed). The best of this, they put into "Harvesters"—the poor end into patterns, or "vice versa." The portion going into machines will collect a Tax from purchaser and will be subject to rebate. The other portion may conceivably be ruled to be a part of manufacturing expense, like coal, oil, etc.

The lumber originally paid Tax on basis of \$50.00 Per M'. How will this be dealt with considering the different price at which it was sold to Aitchison and the redvisions in his or subsequent hands?

No. 3—Union (Unlicensed) sells to Ontario Box Co. 1 x 6" Box (out of same lot) at say \$35.00. Tax has of course been paid on this lumber at average price of \$50.00. Laidlaw (Licensed) also sells Ontario Box Co. 1 x 4" and up No. 1 Culls at say, \$32.00. Tax has not been paid on this. Ontario Box sorts 6" out of Laidlaw purchase and with the 1 x 6" from Union Stock, makes boxes for Wood, Alexander & James, who pay Tax. Ontario Box Company is entitled to rebate on such stock at once from Union, but clearly not at \$50.00 (the price on which Tax paid by Union was based).

No. 4—Aitchison (Licensed) makes Sash from "Tax paid" stock. He sells to Graves, Bigwood & Company (Licensed) who must therefore collect Tax when sold. Graves, Bigwood & Company, retail to consumers; how trace the Tax back to Union Lumber Company?

As suggested before, these illustrations are not strained or unusual. They are regular and in varied forms, common and inevitable in trade practice. They rest upon the fact that every board has an individuality which inspires regarding and manipulations at the hands of every agent through whom it travels to its ultimate use.

We sincerely hope that you will be good enough to understand that the lumber trade does not cavil at difficulties which can be overcome. Its objection is that the lumber business rests on fundamentals which cannot be adjusted to the new proposals of the Sales Tax.

We do not attempt in this to touch upon the doubtful policy of doubling the Tax on lumber to the detriment of the building industry and the settlement proposals in the West, in which lumber plays such an important part. The subject presents a vast array of objections which we cannot elaborate and properly emphasize and keep this letter within modest limits. We do, however, place ourselves at your disposal for inquiry and information. We are loath to believe that in the face of opposition which has such genuine justification, you will enact legislation that will be so totally unfortunate and fruitless of good.

I have the honor to be Sir,

Your obedient Servant,

A. C. Manbert.



## Deepening River Channel to Float Logs

Dredging operations on the north bank of the Pottawattamie River have been in progress for the past few weeks and already a large amount of sand and mud deposited on the bottom of the river has been brought up and placed on the bank. The work is being done by the John Harrison & Sons Co., Limited, Owen Sound, Ont., who are large land owners in that district. The main purpose of the dredging is to provide a channel for the logs to be floated up the river to the company's sawmill a number of hundred feet from the mouth.

Last season a retaining wall of sheet piling was built for a thousand feet from the mouth of the river east to the breakwater, and when this was completed, the whole south side of the river was dredged, and the mud was placed behind the piling. This spring work on the north side commenced at the railway bridge over the river, and is being continued for a considerable distance right out to deep water. The river is being dredged to a depth of about five feet, and will allow the logs to be floated up the stream without any difficulty.

## Canadian Firms Who Are Members

The Official hand-book of the National Hardwood Lumber Association Chicago have been issued. Since the last edition over 125 new names have been added to the membership roll. The hand-book contains the names of the officers and directors of the Association, the standing committees, the outstanding inspection service, conditions of membership, articles of incorporation, special regulations, constitution and by-laws and an official list of members.

The following firms from Canada belong to the National Hardwood Lumber Association the annual convention of which will be held in Chicago on June 13-15 and will be attended by many lumbermen from the Dominion:

Gareau & Viger .....	Brunet
Fassett Lumber Co., Limited, .....	Fassett
Painchaud & Miquelon .....	Lac Sagway
Industrial Specialty Mfg. Co., Limited .....	Magog
Samuel Ouellette .....	Mount Laurier
Nap. Thomas .....	Mount Laurier
Bennett Lumber Co., Limited .....	Montreal
W. H. Cote Lumber Co., Limited .....	Montreal
Eagle Lumber Co., Limited .....	Montreal
Godfrey Company, Limited .....	Montreal
George C. Goodfellow .....	Montreal
G. A. Griër & Sons, Limited .....	Montreal
McNeil Lumber Co., Limited .....	Montreal
Montreal Hardwood Flooring & Lumber, Limited .....	Montreal
E. M. Nicholson & Co. ....	Montreal
Henri Peladeau, Limited .....	Montreal
T. Prefontaine & Co. ....	Montreal
Quebec Hardwoods, Limited .....	Montreal
Chas. H. Russell Co., Limited .....	Montreal
Wm. Rutherford & Sons Co., Limited .....	Montreal
James Shearer Co., Limited .....	Montreal
C. A. Spencer, Limited .....	Montreal
G. M. Strong .....	Montreal
Trans-Canada Lumber Co., Limited .....	Montreal
Auger & Son, Limited .....	Quebec
Roch Julien .....	Quebec
Racicot Pulp & Lumber Co. ....	Sherbrooke
J. C. Heon .....	Victoriaville
Weismiller Bros. ....	Bala
W. F. Hamlyn .....	Belmont
Hamilton Bros. ....	Chatsworth
J. A. McDonald .....	Emsdale
Goderich Mfg. Co. ....	Goderich
Long Lumber Co. ....	Hamilton
M. Martin .....	Huntsville
Muskoka Wood Mfg. Co., Limited .....	Huntsville
Percy E. Heeney .....	Kitchener
Story Lumber Co., Limited .....	Ottawa
Keenan Bros., Limited .....	Owen Sound
S. George Stone .....	Sault Ste. Marie
Anderson-Miller Lumber Co., Limited .....	Toronto
Anderson, Shriener & Mawson .....	Toronto
Atlantic Lumber Co. ....	Toronto
Robt Bury & Co. ....	Toronto
Canadian General Lumber Co., Limited .....	Toronto
Edward Clark & Sons, Limited .....	Toronto
W. T. Eagen .....	Toronto
Fesserton Timber Co., Limited .....	Toronto
Gall Lumber Co., Limited .....	Toronto
Hall Bros., Limited .....	Toronto
T. H. Hancock .....	Toronto

Russell Harris Lumber Co. ....	Toronto
Johnston Lumber Co. ....	Toronto
Kinnon Lumber Co., Limited .....	Toronto
Wm. Laking Lumber Co. ....	Toronto
Leigh Lumber Co. ....	Toronto
McBean & Verrall .....	Toronto
McDonagh Lumber Co. ....	Toronto
Oliver Lumber Co., Limited .....	Toronto
Pedwell Hardwood Lumber Co. ....	Toronto
Seaman, Kent Co., Limited .....	Toronto
John B. Smith & Sons, Limited .....	Toronto
Toronto Hardwood Lumber Co., Limited .....	Toronto
Wilson Lumber Co., Limited .....	Toronto
Wood Sales Company .....	Toronto
Joseph H. Hall .....	Waterloo
Geddes-Tyson Lumber Co. ....	Warton
Flemming & Gibson, Limited .....	Juniper

## New Mill Will Soon Start at Quebec

Independent of the export trade to the United Kingdom the Quebec lumber firms and mill owners have done an extraordinary business with the United States markets this winter and spring and the demand to meet the construction boom over the border still continues.

To meet the exigencies of this business, Mr. W. Gerard Power, president of the W. & J. Sharples, Limited, the St. Pacome Lumber Co., and an American auxiliary company, with head offices in New York City, recently organized a new company known as the Bridge-water Lumber Co., of which he is also president, to build a mill at Cape Rouge in close vicinity to the Quebec bridge, to saw and dress lumber for the American market. This mill, which will be equipped with modern machinery, will be ready for operation in the course of July, when the logs to keep it going will be transported from the Power limits by the various railways crossing the Quebec bridge from the south shore, and after being made into sawn lumber, exported to the United States.

The depletion of the United States forests by cutting and fire during the last several decades, has obligated the American lumber interests to turn to Canada these days for their supply. The selection of the site on the heights, in close touch with the Quebec bridge to meet the emergency connection of all American railways, is regarded as an ideal location for a lumber mill. It will not only have the best of railway facilities, but will also mean the revival of activities along the St. Lawrence waterfront and cove.

In the establishment of this industry, Mr. Power organized a new company, the directors of which are W. Gerard Power, president and managing-director; T. P. McCarron, vice-president, and treasurer; P. J. McGoldrick and John J. Power, directors; J. H. Tugere, secretary and director, and J. H. DesRoches, manager. The latter formerly held the same position with the Atkinson and Gravel firms at St. Romuald, and the Big River Lumber Co. in Saskatchewan, and more recently with the Power Lumber Co. and the River Ouelle Lumber Co.

The Power Lumber Co., which has met with such unqualified success since its formation in 1920, to succeed the River Ouelle Company, (which was organized by W. Gerard Power in 1902 and later was absorbed by the Power Lumber Co.,) produces 20,000,000 feet of lumber every year, from which 75 to 80 per cent. is exported to the United States.

## Heavy Demand For Lath Equipment

The E. Long Mfg. Co., of Orillia, Ont., state that they have been busy all year turning out sawmill machinery. There has been a very large demand for lath equipment in all parts of the country, and the firm have made two large shipments of this class of machinery to the Horwood Lumber Co., St. John's, Newfoundland.

The new sawmill of the Mageau Lumber Co., Field, Ont., recently started running and is now operating steadily. The principal equipment consists of an 8-foot double cutting band, a 40-inch heavy duty carriage with steam set works and a new type, heavy duty, centre drive gang edger, together with lath manufacturing equipment complete, all of which was supplied by the E. Long Mfg. Co.

A feature of the shipment of lumber to the United States these days is the plentitude of cars. During the past month or six weeks all the cars needed were available and by the middle of June all the wood ordered last winter from the Quebec mills will be transported across the border, and still orders are pouring in from the American market, and the Quebec district mills are now busy operating to meet the demand.





Linn Tractor at work in dead of winter on operation of Austin & Nicholson at Esher, Ont.

## New Ontario Firm Cuts Cost in Log Haulage

It is the aim of the "Canada Lumberman" to print from time to time interesting data that it is able to obtain from Canadian operators in connection with mill and woods activities—articles that will tend to enable the lumberman to reduce his operating costs in the bush, on the drive or in the mills. The intention is to present on the editorial pages details which are gathered from various parts of Eastern Canada.

Believing that it is appropriate at the present juncture the "Canada Lumberman" is dealing, in this issue, with the haulage problem in the woods. As a basis for the article, first-hand information has been received from one of the most practical and widely known lumbermen in Ontario. This gentleman is George B. Nicholson, president of Austin & Nicholson, Limited, of Chapleau, Ont., who has been engaged in the lumber business for nearly a quarter of a century. His firm operates mills at Nicholson, Dalton and Devon, Ont., and are extensive producers of rough and dressed lumber, lath, railway ties, pulpwood, etc.

Mr. Nicholson has devoted considerable attention to logging operations, costs and output, and his firm installed a Linn Logging Tractor last Fall in their operations Southwest of Esher, Ont., with the result that they have effected a great saving in their haulage costs by this tractor under the cost by horses during the past season.

In a recent interview Mr. Nicholson confessed that he had been studying for years the question of using some mechanical means to lessen the cost of logging operation, and during that period had investigated many different types of tractors.

Steam log haulers at one time promised to be an effective instrument for this purpose, but conditions prevailing involved the hauling of logs across marshes and small lakes and made it extremely difficult and very expensive to build a road on which steam log haulers or other heavy tractors could be operated. Last year, after careful consideration and thorough investigation, Austin & Nicholson put in their operations Southwest of Esher, a Linn Logging Tractor, operated by a 4-cylinder gasoline engine, developing approximately 90 h.p. The total weight of this machine is approximately 10,000 lbs. To put this in operation they equipped their ordinary logging sleighs with a patent casting on the nose of the runners and a gudgeon in the ends of the rollers and cross chain from gudgeon to rear bunk of sled.

The method operated was to employ teams to take the sleighs in on the side or branch roads, where the skidways were located, load the sleighs in the usual way with jammers and forward the logs with teams out to the main road where the tractor made up the trains and hauled them to the dump. It required about a minute to change the roller so that the team could take the sleigh and leave the loaded sleigh for the tractor. The time required for the tractor to couple up a train of from five to ten loaded sleighs, was about five minutes.

The road over which this tractor operated was the usual iced road that would nominally be provided for horse haulage, and was, at the extreme length of the tractor haul, seven miles in length, the average distance being about five miles.

The number of logs transported by the tractor last winter was 126,000 pieces of jack pine and spruce; these logs being 16 feet in length. The cost of operating the tractor, including two operators and two men to assist in coupling the sleighs, etc., gasoline, oil and depreciation on the machine, was in round figures \$65.00 per day. On the operations last season the tractor replaced fifteen teams of horses.

### Will Save Operator Much Money

Mr. Nicholson declared that he did not mean to suggest that they got 100% efficiency out of the machine on this operation. In fact, he says he knows they did not. Their method of loading was slow and they had some difficult pitches in their side road which required the use of trace teams to forward out the loaded sleighs and, therefore, the tractor was idle each day a considerable length of time due to the fact that sleighs were not brought out with sufficient speed. It was an experiment with Austin & Nicholson and they were testing as many ways as they could to see what could be done with the machine.

"We were," continued Mr. Nicholson, "to speak frankly, a little apprehensive, owing to our having a fairly large quantity of logs to convey a long distance, and not caring to take any chances. The result generally has been to convince us that in an ordinary logging operation where the main haul is three miles or over in length, a Linn Logging Tractor will save the operator a substantial sum of money. Our purpose is to develop it so that it will do the snow ploughing and tanking as well as log hauling, and it may be that we will use a tractor on our side or branch roads as well as on the main roads."

"As against horses, taking into account wages, feed and depreciation, we figure that we saved \$75.00 every day that the tractor worked, and we are confident that it is capable of much better results with a little more experience in its operation."

Mr. Nicholson went on to say that his maximum loads during the season (and his hauling season extended from about January 20th to March 20) consisting of a ten sleigh train with 1004-16 ft. jack pine logs. He estimated the weight of the load, including sleighs, to be approximately 250 tons. This load was hauled over a distance of six miles and, on four of these miles, it had a dead lug of  $4\frac{1}{2}\%$ , yet it never hesitated in moving this wood from the time it started until it reached the dump. He further said that it is his ambition next year, with this one tractor, over the same haul, to move an average of 4000 logs per day of ten hours. This is equivalent to 1000 logs per train on a four trip day.



Another view of the Linn Tractor showing large amount of logs hauled at single trip



## Gigantic Industry for Port of Montreal

The first consignment of a total of 40,000,000 feet of British Columbia forest products to be brought to Montreal during 1923 by the water route (via the Panama Canal), reached the Canadian commercial metropolis recently when the steamer "Heathfield" arrived in port. The shipment was made by Knox Bros. Limited, of Vancouver, to the British Empire Lumber Corporation, Limited, of Montreal. The latter firm have just completed the erection of a huge timber shed, planing mill and cutting-up plant at Bickerdike Pier at a heavy outlay. The British Empire Lumber Corporation, of which J. B. Knox, of Montreal, is president, plan to furnish eastern consumers with B. C. lumber on only a few days' notice instead of several months which it formerly required when the product was shipped direct to the consumer from the Pacific Coast.

In the last issue of the "Canada Lumberman" on page 3 a splendid picture of the SS "Heathfield" which was the first steamer this season to unload B.C. wood products in Montreal, was shown with a cargo of 5,000,000 feet of Douglas fir timbers, fir and pine lumber. It is anticipated that about 40,000,000 feet will reach Montreal this season by the water route, eight vessels being engaged in the service. The distance from Vancouver to Montreal by way of the Panama Canal is some 8,000 miles, and the time required for a consignment of lumber on the large steamer to reach its destination is about four weeks. The British Empire Lumber Corporation will carry a stock of about 15,000,000 feet of B.C. fir, cedar, pine and white spruce, and the new plant, which has just been completed, will be kept busy all summer. The next vessel to arrive at Montreal will be the "Margaret Coughlan," with a full cargo. The combined carrying capacity of the "Heathfield" and "Margaret Coughlan" is, approximately, 10,000,000 feet. J. B. Knox states that several other loaded vessels will leave Vancouver this and next month for the Montreal yard of the firm, and they expect to have, at least, one or two sailings per month during the balance of the season.

The new sawmill and planing mill of the firm is now in operation. Work on the buildings has been going on since last fall and the plant has a handling capacity of about 15 cars of lumber per day with a storage capacity of, approximately, 2,500,000 feet of dry lumber. There will be a complete dry kiln equipment for drying all classes of forest products, in addition to other installations of a most up-to-date type.

The rail and water shipment facilities are unsurpassed and there are sets of overhead travelling cranes to carry the lumber and timbers from the ships. The new mill is built of reinforced concrete and possesses every manufacturing and other convenience, being fitted with a sprinkler system throughout. The company have also storage yards adjacent to their mill, which will have piling facilities for about 25,000,000 feet.

A full description of the enterprise and development of the British Empire Lumber Corporation will appear in a later edition of the "Canada Lumberman."

## Grade Marking Machine in Operation

While Canada has not decided upon a uniform grading of lumber it is interesting to follow the progress in this direction made by organizations to the south. Uniform grading has been in practice by the Southern Pine Association, National Hardwood Manufacturers Association and other less prominent bodies for several years. With the tremendous volume of business turned over by manufacturers each year it was inevitable that some device should be invented to semi-automatically mark the different grades on the boards.

This machine to grade mark lumber, after several years experiment, has been perfected and was recently demonstrated at the Southern Pine Manufacturers Convention. The device was invented by J. G. McDonough, of Eau Claire, Wis., who is a graduate of the University of Wisconsin. He is credited with having invented several other machines used in the lumber manufacturing industry.

Among the advantages claimed for the grade-marking machines are the following:

1. They are simple of design and can be installed in any plant over-night without hindering operation of the plant.
2. They entail no additional cost for labor and in some plants will reduce labor costs.
3. Use of the machines gives a better chance for the grader's inspection of the lumber and will effect greater efficiency in grading.
4. The machines mark the grade name on the lumber indelibly so that it cannot be effaced or changed.
5. Each piece in bundle-stock also is branded.

The specific machine which was selected for the public demonstration is known as machine No. 1. This is portable apparatus, mounted on a low truck so that the machine may be moved about and used in any part of the plant or yards.

Machine No. 1 can be used back of the planers, with slight modifications, or made portable on trucks for branding while loading

behind the planers in the mill, a quadrant and set lever instead of a wheel is used for regulating and positioning the grade names opposite the surface to be branded. Such a machine, with transfers mounted with the machine, successfully branded the varying grades of flooring from two "matchers" recently and saved employment of one grader.

Machine No. 2 is designed for attaching to the planer in the mill and it brands the name "Sou Pine Assn" on the lumber as it feeds out. This machine can be instantly swung out of the way on a pivot, so that the operator of the planer, in setting up his machine, can have a clear view through the planer to adjust his knives and side guide. This machine is capable of branding lumber fed through the planer at a feeding speed far beyond that of any planer. This apparatus brands only on the end.

Machine No. 3 is designed for branding the grades on lumber back of the edger, re-saws and slow-feeding planers. With modifications it also can be installed for grade-marking of lumber at the sorting chains back of the planer or trimmer. Its hand wheel or lever shift for positioning the names opposite the surface to be branded operates practically on the same principle as that of machine No. 1.

All three of the grade-marking machines are designed to be used in various places around a lumber manufacturing plant wherever it is most convenient to have them placed.

## Fraser Valley Sawmills Are Active

All the sawmills in the Fraser Valley, B.C., are very busy at the present time. There is scarcely a mill in each of the various municipalities, especially on the south side, that is not operating full blast. Some concerns, which have not been running for years, have started up, as well as a number of entirely new ones. Practically all the plants are engaged in cutting second-growth timber for which there is still a considerable quantity scattered over the valley. As the logging progresses the available timber becomes further away from the mills, and to handle these logs more economically, some firms have lately laid steel from the scene of their logging equipment to their sawmills, superseding the old methods of hauling over skid-roads with horses.

With the increased demand, the price of standing timber has mounted accordingly until, at present, it is practically at a premium. Ties and dimension are the principal products being turned out by the mills, much of the timber not being of sufficient size to be suitable for other purposes. Several settlers in the Fraser Valley have turned their attention to taking out telegraph poles and are deriving considerable revenue from this source. There is also a good demand for shingle bolts and these are being cut by various persons.

## Some Features of Hardwood Market

Writing to the "Canada Lumberman" a leading lumber firm in Ontario states that the furniture factories are rather slack and have not been operating to anything like capacity for several months. The agricultural implement people are also quiet. Western Ontario trade, in both furniture and implements, has not been encouraging but, on the other hand, the auto trade and some building trades in American cities have been good. There are certain items, such as 2½ and 3-inch soft elm and 2-inch and 2½-inch hard maple, which have been decidedly active. A reasonably free movement in low-grade hardwood is in evidence. The stave business has not been attractive and some firms in Western Ontario have cut nearly all their elm this year into lumber. Indications are considerably brighter in cooperage stock.

## Southern Lumber is Yielding Oil

The Great Southern Lumber Company, which operates at Bogalusa, La., the largest sawmill in the world, has proved to its satisfaction that turpentine, pine oil and rosin may be extracted from yellow pine lumber after it has gone through the sawmill, and in order that it may do so on a large scale, is spending \$70,000 for the necessary equipment. The process, perfected and patented by W. H. Mason, a chemical and mechanical engineer, involves two operations. Under one process, that of heating the cut lumber, one gallon of turpentine is extracted from every 1,000 board feet treated.

The second process involves the treatment of "pitchy" lumber. Nine gallons of turpentine, one gallon of pine oil and one commercial barrel of rosin have been recovered from each 1,000 board feet so treated.

Experts here declare that removal of the turpentine, rosin and pine oil improves the grade of the lumber.



# Quebec Retailers Want Change in Lien Law

## *Declare That the Present Law is an Illusion and Affords Dealers No Protection Against Unscrupulous Contractors and Others*

The subject of the Quebec Lien Law in relation to the retail lumber trade was discussed at some length by the members of the Montreal Retail Lumbermen's Association at a recent meeting. Mr. J. P. Dupuis presided. The members are of the opinion that the law is defective, and that it gives them practically no protection against unscrupulous contractors and others, who take advantage of the law to escape payment of the lumber ordered and supplied. It was, therefore, decided to take steps to secure such amendments of the law as will give the desired protection. The law on the subject was outlined by Mr. Francis Fauteux, who attended the meeting at the request of the directors.

The chairman explained that the Builders' Supplies Bureau had formed a committee with a view to seek legislative changes in the Quebec Lien Law, and he suggested that their own association should work in co-operation with the Bureau, in order to secure those changes. Mr. Dupuis also referred to the Montreal Builders Exchange in this connection, and stated that, on a previous occasion, a delegation had gone to Quebec, but that the results had been disappointing, in that changes had been made which were not in the interests of suppliers of building material.

### Some Suggestions for Improvement

Mr. Fauteux then gave a resume of the law, and also made suggestions which, he believed, would fully protect those who supplied material for building purposes. He stated that in order to obtain protection a person or firm supplying building material, including lumber, must serve a registered notice upon the proprietor before the goods were delivered to the contractor. This notice must give the nature and cost of the material to be delivered, and the Cadestral number of the land. This notice was only effective provided that a privilege was taken out and delivered within thirty days of the completion of the building. The Lien Law provided protection for the labourer, the contractor, the architect, and the sub-contractor. Labor was privileged provided that the person issued a writ within thirty days after the completion of the building. In the case of the contractor and architect, the law provided that within thirty days after the termination of the work the contractor must take out a registered privilege of his claim, and he then had six months to enter a writ to have the claim adjudicated upon.

A sub-contractor must give notice of the sub-contract to the proprietor, and if he desired to secure a privilege, must give notice, which must be registered, within thirty days after the completion of the building. He also must take action within such thirty days.

Mr. Fauteux suggested that the retail lumber dealer would be fully protected if he were put on the same basis as the contractor and architect. Provided this were done, he could take action against the proprietor or contractor. At present, if a supply firm failed to give notice to the proprietor, his only recourse was against the contractor, and this was oftentimes of no value.

### Present Method is Cumbersome

The discussion was taken part in by Messrs. W. Rutherford, J. Shearer, G. Lebel, J. A. Lapointe, J. H. Leboeuf, J. A. Bonneau, J. N. Forest, and Beauchemin. The main point brought out was that firms, who supplied building material were in practise without protection, although the law was supposed to grant this. The method, however, was cumbersome, taking the form of notifying the proprietor that the contractor was about to be supplied with materials. This meant that notification of every order had to be given, and it was pointed out by the chairman that lumber was ordered now mainly in such quantities as were required for immediate use, involving, if protection was to be secured under the present law, a number of notices being served on the proprietors.

The result was that lumber retailers did not take the necessary steps to protect themselves, and had been caught again and again by people who took advantage of this condition. In the case of a contractor with good credit the retail lumber dealer did not feel inclined to take the precaution, because it looked as if the retailer was doubting the standing of the purchaser. If he did serve the notice the changes were that no further orders would be given. It was suggested that the retailer was entitled to the same protection as in the case where money was advanced under the Housing Act.

Referring to the question of serving the proprietor with notices, Mr. Shearer remarked that this was all right, provided that the law was amended to make it compulsory to serve the notices. In that

case there would be no loophole for resentment of such notices, as was the case at present.

Several members gave instances where supply firms had been badly hit owing to the lack of protection—it being stated that the law opened the way to collusion, and gave opportunities for the unscrupulous to obtain cheap houses at the expense of supply houses. In that connection the chairman stated that the losses had been considerable, but he anticipated that the Association's Credit Bureau would result in reducing the losses and the risks.

Mr. Fauteux pointed out that if the supply firms did not give the notices required under the Act, then recourse could only be had against the contractor.

### Material Men Want More Protection

The following resolution was adopted: That the Board of Directors be authorized to take the necessary steps with the object of amending the Quebec Lien Law, and that they act in co-operation with the Builders' Supplies Bureau to obtain the desired amendment so as to give to suppliers of material such protection as is granted to contractors, sub-contractors, architects, and labour, under Statute 7, George V., Chap. 52.

The meeting also briefly discussed the Sales Tax as it applied to lumber. The members decided to re-affirm their opinion that the tax should be collected at the source, and emphasized the point that the new plan of collection would prove onerous and expensive to the retailers and to interior trim manufacturers.

On the question of relations between wholesalers and retailers, arising out of some recent correspondence, it was suggested that small permanent committees be appointed by the wholesale and retail associations, with a view to the discussions of such questions of mutual interest as may arise from time to time.

The building supply firms, including retail lumber dealers, of the Province of Quebec have long complained of the inadequacy of the Quebec Lien Law. Whilst the law nominally gives protection to those supplying building materials, in practice the Act has proved of no value—its apparent protection is an illusion. The procedure is so cumbersome and vexatious that it is almost impossible to use it, and the law thus remains practically a dead letter. In order to protect themselves, building supply firms have to serve registered notices on the proprietors, giving the nature and cost of the goods ordered by the contractor. These notices must be served before the material is delivered. Then a registered privilege has to be served upon the proprietor within thirty days after the completion of the building. If this procedure is not followed, then recourse can only be had against the contractor—not against the proprietor.

### Its Protection is an Illusion

The Montreal Builders' Exchange has spent a considerable sum and made persistent efforts to obtain amendments giving fuller protection, but without success. It is very difficult to secure any alterations of this character without the backing of the Government. The feeling of party loyalty to the Government is so strong that private members are not inclined to introduce measures, however urgently needed, unless members are assured of the sanction of the Government—then the way is made comparatively easy. Otherwise the obstacles in the path of a private measure are formidable.

Notwithstanding the difficulties, the Montreal Retail Lumbermen's Association have decided to make a strong bid to place building supply firms on a more equitable basis in the matter of protection. The members of the Association feel that they have too long been at the mercy of men who, taking advantage of the present state of the Lien Law, have been able to obtain goods without paying for them. According to the members of the Association, the losses have been considerable, and in some instances have been incurred through collusion by unscrupulous people.

Such cases are often difficult to prove, and firms are not disposed to lose more money by commencing law proceedings. What the retail lumber dealers ask is that they be given reasonable protection, and they are of opinion that this could be secured by placing them on the same footing as contractors and architects, in relation to the liability of the proprietor for money due. The retail lumber dealers desire that the present cumbersome procedure should be abolished and a more direct plan authorized. If the Montreal Retail Lumbermen's Association can obtain this reform, it will have rendered a service not only to the members but to the entire building supply trade.



# Home That Combines Both Beauty and Dignity

A house combining all the beauty and dignity of the Colonial type of architecture is presented herewith on this page. The house is built of wide siding and in its soundness and economy of structure and its perfection of interior planning it preserves all of the best qualities of that early period of building. According to estimates of the Home Owners' Service Institute, the cost of this house should be between \$7,000 and \$9,000.

The floor plans are so drawn, as may be seen from the accompanying sketches, as to simplify greatly the problem of enlarging the house later on should that be desired. In all considered modern designing the possibility of enlargement should be considered originally and it is a decided advantage to work from plans where this has been done.

In the case of the plans shown here only two bedrooms have been indicated on the second floor. Plans are also available through the Home Owners' Service Institute in which this same design calls for four bedrooms. With four bedrooms, however it would be necessary to increase the depth of the house, making a larger living room, dining room and kitchen by increasing the length of each.

Under the plans, the two additional rooms would be added to the back on the second floor. They would be built over the kitchen wing and rear living porch.

The location of the living porch in the rear of the house instead of the front is in conformity with the modern architectural trend. More and more of the better homes are being designed so that this feature of the house is kept away from the dust and noise of modern automobile traffic.

Other attractive features of this Colonial home are:

The entrance is attractive to the eye and architecturally correct, a fact that is worth mentioning because such is frequently not the case with many so-called Colonial entrances.

The kitchen is arranged with an eye to economy of movement.

There is a convenient dressing room alcove off one of the bedrooms and excellent cross ventilation upstairs.

A trap door in the ceiling of the upper hall permits of access to storage space in the low attic. Complete plans for the house may be obtained from the Home Owners' Service Institute, No. 37 West 39th Street, New York, N. Y. A corner lot forty feet wide and eighty to 100 feet in depth would be the minimum land requirement for it.

Outline of specifications follows:

**MASONRY**—All foundation walls, piers, footings, areas, etc., to be of concrete. Chimney footings project 3 inches and to be 12 inches thick. Other footings as indicated on drawings. Columns 4-inch Lally type.

Build chimneys of common brick as shown on detail drawings; brick laid in mortar composed of equal parts lime and cement to three parts sand.

Build fireplaces as shown on details faced with best quality common brick selected for pleasing color.

**PLASTERING AND LATHING**—All walls and ceilings of first and second storeys to be covered with plaster-board 3/4 inch thick. Plastering to be two coat work and the finishing coat of plaster of Paris gauged with hydrated lime putty.

**CARPENTRY**—All framing to be full and square to the dimensions shown, well seasoned and free from imperfections; pine, spruce, Douglas fir or hemlock. Inclose all side walls with one thickness of 7/8-inch spruce or white pine and one layer of building paper put on with tin-clapped nails. Outward finish to be seasoned fine common white pine.

Inside trim to be birch not selected for color, ash, chestnut, or white pine for paint. Stock mill work should be used at owner's option. Complete details for mill work are included in architect's detail drawings.

**Hardware**—Owner will furnish all hardware trimmings for doors and windows and for closets and case work. The contractor is to furnish a correct list of the hardware and is to put it on in a careful and workmanlike manner. Rough hardware to be furnished by contractor.

**INSULATION**—In northern sections it is best to insulate all outside walls of rooms between studs with sheathing quilt; also the entire second-storey ceiling between collar beams and rafters.

**METAL WORK**—All metal work, including gutters, leaders and down-spouts and flashing, to be sixteen-ounce copper.

**ROOFING**—Cover all roofs inclosing rooms with one thickness of seven-eighths-inch spruce or hemlock shiplap and one layer of building paper. Shingle all roofs with eighteen-inch quarter-sawn red cedar shingles seven-sixteenths-inch at butt, laid six-inch to weather.

**PAINTING**—Roof shingles to have one brush coat, silver gray, creosote shingle stain. Exterior wood finish to have two coats of white lead and oil paint.

Interior wood finish to have one coat of light walnut stain, as selected by owner, and two coats of varnish.

All doors to have one coat of specified preservative and one coat of hard wax polish.

**ELECTRICAL WORK**—Wire the building complete for electric lights and service outlets as indicated on the detail plans and according to standard symbols of the National Board of Fire Underwriters.

**PLUMBING**—Provide a complete plumbing system and fixtures ready for use as shown on plans and in accordance with local regulations. Brass piping is recommended throughout for hot water distribution.

**HEATING**—Warm air heating system specified. Steam or hot water if owner desires.

## Breezy Paragraphs from Far and Near

Ernest Montgomery, representing Montgomery Bros., wholesale lumber dealers, Buffalo, N.Y., was in Toronto recently on business.

Frank A. Bowden & Sons, Greenwood Ave., Toronto, recently received six specially built trailers for their delivery service. They were supplied by the Dominion Truck Equipment Co., Limited, at Kitchener, Ont.

Damage estimated at \$18,000 was done to sawn lumber on a large tract of land which was burned over by a fire at Garnet, N.B., recently. The lumber was the property of McIntyre & Johnston and consisted of about 400,000 feet of boards and 250,000 pcs. of lath. There was little or no insurance carried on the stock.

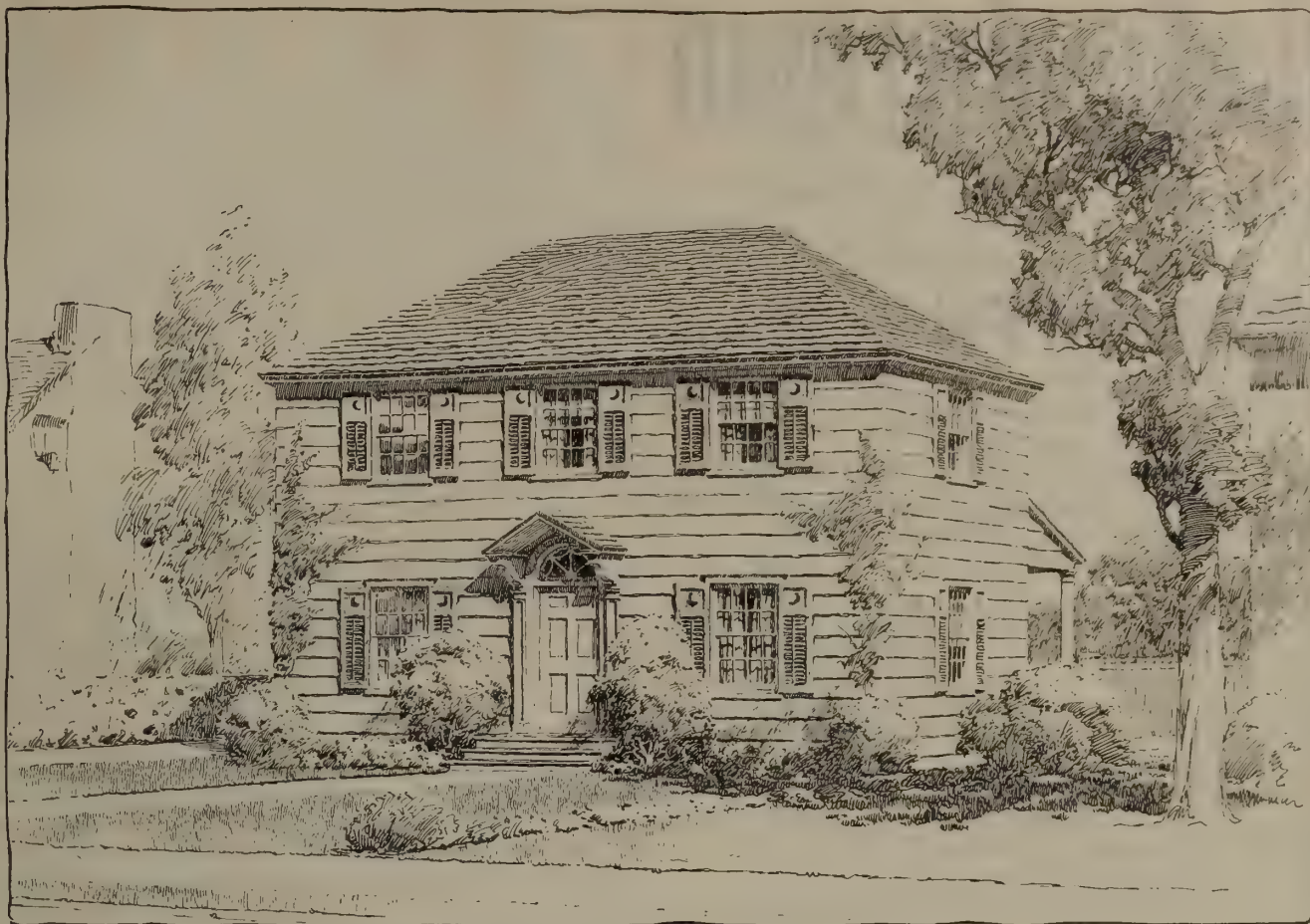
As an indication of the fact that forest products are steadily growing in demand, Mr. Ed. Walmsley, Crown Timber Agent, New Westminster, B.C., supplies the following comparative figures representing the quantity of timber accounted for through the agency in New Westminster. During the twelve months ended March 31st 1922, the total was 82,794,875 ft. B.M. This increased to 121,966,704 ft. within a similar period ending on March 31st last. The revenue shows a corresponding increase, being \$149,546.61 and \$175,378.44 respectively. Mr. Walmsley reports the lumber business both for-

eign and domestic as retaining its buoyancy. A strong demand from the United States for cedar poles is being met.

People who through negligence of fire prevention methods, are guilty of starting forest fires in Nova Scotia, will be in danger of prosecution to the fullest extent provided in the statutes of Nova Scotia if convicted, according to Attorney-General W. J. O'Hearn. This stand has been taken in view of the forest fire conditions prevailing. Fires were raging at various places in Halifax and the Western counties, which, while they had not seriously menaced property, were threatening.

The Howard Smith Paper Mills are making extensive additions to their plant at Cornwall in the matter of unloading and conveying equipment. They are installing two 5-ton derricks operated by two 8 x 12 double drum hoists and 75 h.p. vertical boiler for unloading rossed pulpwood from boats, and have also built a system of piling out and storage conveyors. The rossed wood comes from their Gaspé plant by boat for their pulp mill at Cornwall. The complete equipment has been furnished by the William Hamilton Co., Limited, of Peterboro.





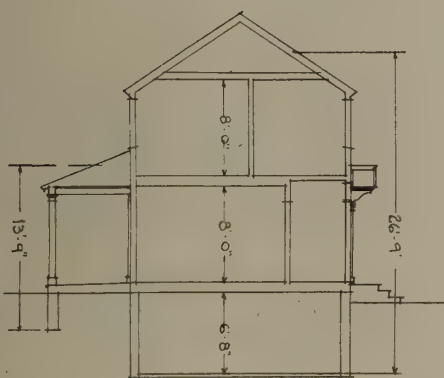
## DESIGN FOR A FIVE ROOM COTTAGE

### CUBAGE

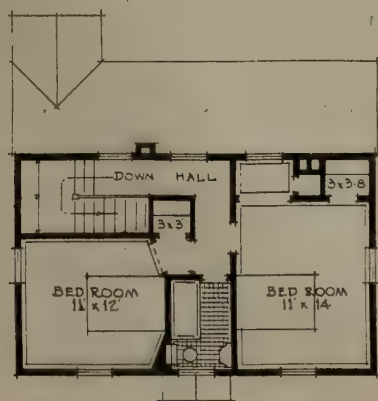
MAIN HOUSE	$18\frac{1}{2} \times 30 \times 26\frac{3}{4}$	=	14645
WING	$7 \times 13 \times 13\frac{3}{4}$	=	1251
MAIN PORCH	$\frac{1}{2} - 7 \times 17 \times 13\frac{3}{4}$	=	818
KITCHEN	$\frac{1}{2} - 4 \times 7 \times 13\frac{3}{4}$	=	192
AREA	$5 \times 6\frac{1}{2} \times 6\frac{1}{2}$	=	211
<b>TOTAL</b>			<b>17117</b>

### COLORS

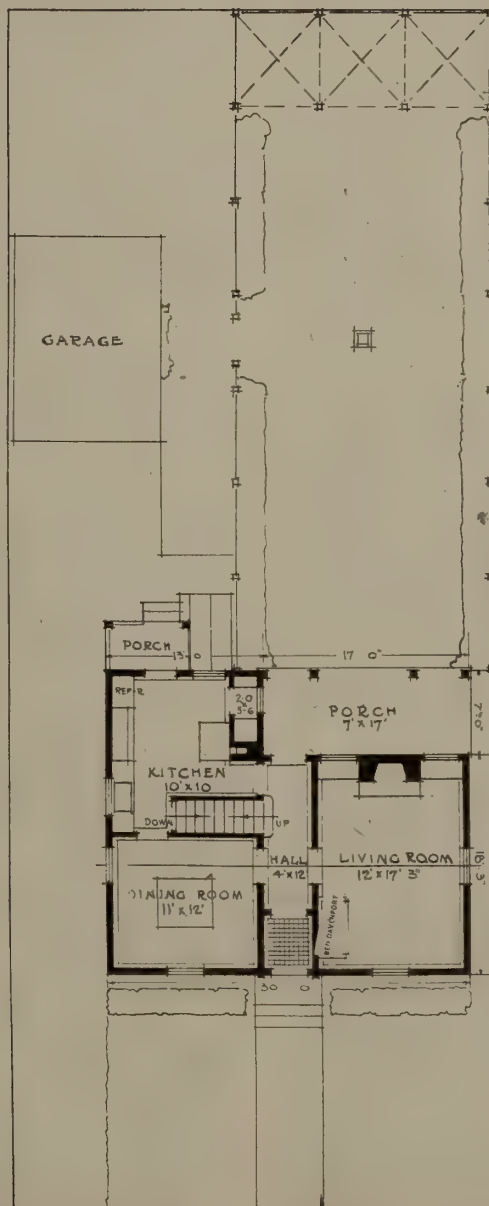
WALLS SHINGLED 10' TO WEATHER  
SHINGLES AND TRIM - OLD  
VIRGINIA WHITE - SHUTTERS DARK  
GREEN - ROOF SHINGLES  
GRAYISH GREEN -



SECTION

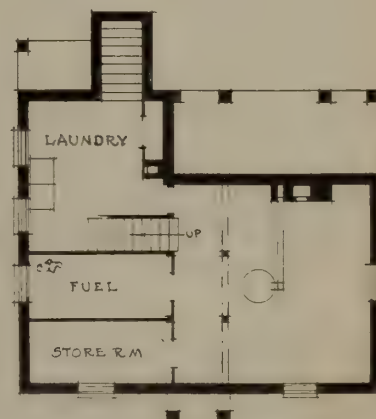


• SECOND FLOOR PLAN •



FIRST FLOOR PLAN •

0 10



• CELLAR PLAN •



# Canada Lumberman

Founded 1880

The National Lumber Journal for Forty Years

Issued on the 1st and 15th of every month by

## Hugh C. MacLean Publications

LIMITED

THOS. S. YOUNG, Managing Director

G. B. Van Blaricom, Editor

HEAD OFFICE - - - - 347 Adelaide Street, West, TORONTO

Proprietors and Publishers also of Electrical News, Contract Record, Canadian Woodworker, Furniture World and Footwear in Canada.



VANCOUVER	- - - - -	Winch Building
MONTREAL	- - - - -	119 Board of Trade Bldg.
WINNIPEG	- - - - -	302 Travellers' Bldg.
NEW YORK	- - - - -	296 Broadway
CHICAGO	- - - - -	14 West Washington Street
LONDON, ENG.	- - - - -	16 Regent Street, S.W.

### TERMS OF SUBSCRIPTION

Canada, Great Britain and British Possessions \$3.00; United States \$3.00; other Foreign Countries \$5.00. Single Copies 20 Cents.  
Single copies, 20 cents.

Authorized by the Postmaster-General for Canada, for transmission as second-class matter.

Vol. 43

Toronto, June 15, 1923

No. 12

### Better Forest Fire Protection Urgent

The subject of forest fire protection has been discussed at such length that the ordinary reader is apt to become weary of it. In justification of further reference to the subject, it may be pointed out that it is only by persistent efforts that the public and politicians can be brought to realize that this country is annually losing millions of dollars owing to the lack of adequate protection. Governments rarely legislate in advance of public opinion—they have to be very forcefully shown the need of legislation before they will introduce measures.

The lumber industry is vitally interested in the conservation of our timber resources, involving, as it does, the maintenance of that industry and the various subsidiary industries which are more or less dependent for their existence on a sustained supply of lumber. The pulp and paper industry is expanding at a great rate, and it is probable that more American concerns will locate on this side of the border, with the result of a still greater demand on our pulpwood resources. But, as in the case of lumber, the permanence of that industry is absolutely bound up with the perpetuation of the supplies of raw material.

The greatest menace to that perpetuation is the forest fire, which, if it continues its destruction at the present rate, will threaten the existence of the lumber, woodworking, and pulp and paper industries. Various protective measures have been taken up by the Provincial Governments and by the lumber and pulp and paper companies, but the fact that we lose by fire many times the value of the lumber and pulpwood cut for commercial purposes each year is evidence that those measures are entirely inadequate.

According to Dr. C. P. Howe, Dean of the Faculty of Forestry, University of Toronto, the amount paid for fire protection is less than one-fifth of one per cent. per acre each year to preserve the continuance in the future of the second largest wealth producing industry in the country. A considerable part of this cost is borne by the lumbermen and the pulp and paper industry. No one likes to add to their financial burdens, but it is clear that if we are to save the forests a considerably larger sum will have to be spent on fire protection.

The Provincial Governments might apply a larger part of the revenues received from the lands and forests to this work, which has a decidedly important bearing on the commercial future of Canada. If the expenditure on forest fire protection were double or treble the present sum, it would bear no relation in amount to the losses which would certainly take place were no such protection provided. The

measure of the extent to which we protect forest resources is the measure of the perpetuation of those resources and all that this involves in the well-being of Canadian lumber and pulp and paper industries.

Under the present plan, by which the natural resources of the country, except in the West, are vested in the provinces, each government frames regulations for forest protection, as far as Crown lands are concerned. While those regulations are more strict and are more rigidly enforced than a few years ago, they by no means afford sufficient protection. It might be suggested that greater co-operation between the provincial governments would be one method of ensuring better protection, and to that end the Provincial Governments and the Federal Government should hold a conference at which the whole question of fire protection could be discussed, with a view of devising more uniform and efficient regulations. This would no doubt mean a greater expenditure, but that is inevitable if we are to save our forest wealth.

### Making Graded Charge for Deliveries

The cartage or delivery problem is generally a serious one with the retail lumberman. The best advice given by men who know and have had an opportunity to study this phase of the business from all its angles, is that there should be a separate, regular draying charge to every load. This levy should be made according to the distance and condition of the road over which it is necessary to travel.

Having a free zone, or free delivery within a certain limit and charging outside of that radius, is not a fair solution of the problem. It discriminates against customers in the matter of location. The question arises,—"Where should the free zone end?" A leading yardman, in advocating a universal draying fee, says,—"There should be a charge on every load. If a large load is hauled, it should be charged for accordingly; if a small one, allowance should be made for the size of it. It is usually a good policy to make the charge equal to, or almost as much as the city dray would charge for a like service, and in any case it should be enough to cover the cost of the service, including upkeep and interest, as well as the actual operating expense. Any dealer adopting this plan will find that most of his delivery worries have been overcome; that he seldom has to make long trips with small loads; that he will have only about one-half as much returned material to bring back from the completed job, and that his customers are better satisfied than under the old haphazard system."

In Quebec City, an active retail organization of lumbermen has held sway for a number of years and one of its first acts was making a charge for delivery. This system has been rigidly followed by all the members of the Association and several outside of it. Conditions have greatly improved by the adoption of such a plan and there is not a retailer to-day in the ancient Capital who would revert to the old hit and miss system.

Many thousands of dollars have been saved by the members through the adoption of a uniform fee for delivery of forest products to customers. Under this system there is no opportunity for dispute as everything is made plain and simple. Each member in Quebec has a large card hanging in his office upon which the statement is made in bold type that a charge is made for delivery to customers and there is a table showing the tariff follows.

When the Quebec dealers started to make this charge they operated for a period of three years on a basis of 75 cents per load for deliveries down town and \$1.00 per load for deliveries up town, by a one-horse wagon. For a two-horse wagon the corresponding charges were \$1.25 per load down town, and \$1.75 per load up town. Three years ago it was found necessary to increase this charge, and the present tariff is \$1.00 for a one-horse load down town and \$1.50 for a one-horse load up town; \$1.75 for a two-horse load down town and \$2.50 for a two-horse load up town.

In connection with small orders the charge is divided among two or more customers if two or more deliveries are made at a time, the division being a corresponding proportion of the charge. If a customer gives an order for a small quantity, wanting it delivered immediately, and no other small delivery is going in his direction, he is charged the full rate.

One dealer stated recently that his firm had realized from collecting for deliveries in the last six years the sum of \$18,000 or \$3,000 annually. It is stated that this represents the average amount earned by the members each year for making a delivery levy which is fair and equitable to all. There is no camouflage about the fee, no sharp practice or secret work, no apparent absorption of it and then surreptitiously sticking it on the price. It stands out clear and distinctive on each order and is settled accordingly. People have confidence in this method because it is an open one and no subterfuge can be resorted to.



# Budget of Briefs From the Busy East

Rafting operations were started by the Nashwaak Pulp & Paper Company at their rafting grounds at the mouth of the Nashwaak river recently. Driving operations were completed towards the latter part of May. George McKnight, one of the company's officials, said that over half a million had been left behind on the streams. The total cut of the Nashwaak during the past winter has been estimated at fifteen hundred million feet. From present indications rafting operations will be carried on at the mouth of the Nashwaak until late in August.

A report received says that the E. Burt Lumber Company's driving operations on the Keswick have been completed and a sufficient supply of logs is now on hand to keep the company's mill at Burt's Corner in operation all season. This company's cut during last winter amounted to approximately six million feet, including a quantity which was hauled out to the mill during the winter. They estimate that about half a million was left behind during driving operations, caused by one of their dams on the stream blowing out. The mills at Burt's Corner and at Doaktown have been in operation for some time.

The River Valley Lumber Company have started sawing operations at their mill at Oromocto, N. B. It is estimated that sufficient logs are on hand to keep the mill in operation all season. Their winter's cut is estimated between six and seven million feet and from late reports all of this amount is in easy accessible waters. R. B. Smith, M.L.A., took charge of the drive personally and brought it out in five and a half days. The big drive had to be brought across a lake nine miles long and five miles wide during which a high wind was blowing and large waves running. At times the under tow was very strong and as many as 1,000 to 1,500 pieces were thrown out of the boom at once, but were all replaced again, partly by the action of the water.

Daniel W. James of Devon, N. B., and Edward W. Hagerman, of Fredericton, two of the Forestry graduates of the University of New Brunswick of the class of 1923 have taken positions with well-known lumbering companies. Mr. James has been taken on with the Pejeboscott Lumber Company, whose chief place of business in the province is at the Great Salmon River, while Mr. Hagerman is with the St. Maurice Lumber Company of Montreal.

A new lumber company has been formed in New Brunswick with head office at Edmundston. Alex. Dunbar, James R. Dunbar, Ronald H. Dunbar, Douglas Dunbar and Gordon Dunbar have formed a partnership under the name of the Dunbar Lumber Company.

J. W. Brankley, general manager of the Miramichi Lumber Company, Ltd., of Chatham, who was in St. John recently, announced that all the mills on the Miramichi are operating this season and he expected that there will be a large cut. He said the lumbermen had been pretty hard hit by the recent floods, which carried away a good many booms, causing a substantial loss.

Stetson, Cutler & Company's mill at Indiantown started operations recently with a crew of 150 men. It is expected that this mill, which is known locally as "The Big Mill," will continue sawing operations until the fall.

The Randolph & Baker mill at Randolph also started operations recently. The Jones Brothers mill at Apohaqui has been cutting for the last few weeks. The West Bathurst mill of the Bathurst Lumber Company, Ltd., which was shut down as a result of machinery trouble, has resumed operations and a good season's cut is anticipated.

Forest fires in the Province of New Brunswick have been conspicuous by their absence so far this year, which is largely due to backward weather conditions as well as to the untiring efforts on the part of authorities to impress on the minds of all the importance of protecting the forest wealth. A few days ago a report was received from the Penniac lookout that there was a fire on MacLeod's Hill at Douglas. Investigations showed that the fire had started on the farm of John S. Lint and had spread to the woods. A crew

from the mill of the Hawkins Lumber Company was sent to the scene and extinguished the blaze in the woods before it had a chance to make much headway. A fire was also reported at Tobique Settlement, Restigouche County, which started on granted lands adjacent to Crown lands. The Richards Manufacturing Company sent a crew of men to fight it and no great damage resulted.

The Canadian National Railways, since becoming subject to the Railway Commission, have undertaken the patrol of their line in the province this year and have assumed the responsibility for patrol and fire fighting along their property. Twenty-two track speeders, which had been used by railroad patrols operated under the direction of the Department of Lands and Mines have been turned over to the C.N.R. under the new arrangement, which relieves the department of patrol duty.

The new system under which registration by all persons entering the woods is necessary is being credited by officials for resulting in less carelessness on the part of fishermen and campers. The inauguration of this new plan for forest travel has been received by the public in a way which indicates that it will be well observed. Those desiring to enter the woods have found little trouble securing the permits gratis, although some vendors are charging twenty-five cents each. There is no desire to obtain revenue on the part of the Department of Lands and Mines, but to produce a moral effect and not cause undue inconvenience to the public.

Already approximately fifty Municipal Fire Wardens, appointed as deputies by County Councillors, have been confirmed in their appointments by the Department of Lands and Mines, while additional Municipal Fire Wardens are being appointed in the parish districts remote from the direct supervision of the County Councillors. The Municipal Fire Warden is vested with the same power in respect to the control of forest fires as held by the County Councillors. At present York and Kings counties have led in the number of appointments, which have been made.

Seventy licensees of Crown Lands have also joined in the general scheme for the preservation of the forests from destruction by fire, in the appointment of 230 co-operative fire wardens. School teachers and school children of the more advanced grades in schools adjacent to forest lands, have also responded to the general call of protection circulated by the Department of Lands and Mines and have undertaken the placing of notices calling the attention of the tourist and sportsman to the danger of carelessness in setting of fires.

A few days ago the Bryson lumber mill in Houlton, a short distance from the border of New Brunswick, was destroyed by fire entailing a loss of approximately \$50,000. The cause of the fire is unknown.

Recently St. John harbor was teeming with logs when about 1,000 went adrift while being towed from King's Pond to the Nashwaak Pulp & Paper mills at Fairville. The logs passed through the falls and down into the harbor. Men in motor boats and others in tugs salvaged the majority of them. The loss of logs and the sums to be paid out in the salvaging operations will amount to considerable.

There have been some large shipments of lumber from Parrsboro within the last few weeks. The majority of the shipments are being made by schooners and are for ports in the United States. In one shipment there were 285,000 feet, while another 280 M.

Much is being heard these days about the print industry and as a result the question is receiving considerable attention in the Maritime Provinces. At the present time there is no plant in the provinces producing newsprint, but in the near future the Bathurst Company will start producing. There are five pulp mills in the province of New Brunswick with approximately a daily capacity of 385 tons of ground wood, sulphite and sulphate pulp. An estimate has been made regarding this industry and it is said that \$23,000,000 was invested in 1921, that there is an annual payroll of over a million dollars and that over 5,000 men are employed in making the pulp, and in cutting and transporting the logs. Twenty years ago there was not a pulp mill in the province, but conditions in the United States made it essential for the establishment of them near



the base of their supply of raw material. As a result New Brunswick has benefited and is considered a good field by those interested in the industry. This again leads to the big question of supply. The pulp industry has made a heavy toll on the New Brunswick forests and preservation of the timber areas is daily being considered of vital importance. It is said that 800 cords of pulpwood are required daily to supply the mills.

Harry Schofield of Rothesay, G. A. Hilyard and G. H. Harrison of St. John, have been incorporated as the New France Lumber Company, Ltd., capital stock \$99,000 and head office to be in Westfield. The company is authorized to carry on a general lumbering, milling and wood manufacturing business.

Encouraging reports are being received from the North Shore of New Brunswick. From indications there is every prospect of a busy and prosperous lumber business during the season. The winter cuts on the Restigouche, its tributaries, and other streams both in Restigouche and Bonaventure Counties were considerably larger than in

1922 and latest reports indicate that the loss during the recent spring freshets was not nearly as heavy as at first estimated. It is estimated that between seventy-five and eighty million feet of lumber are now safely within the north and south booms at Campbellton. Lumbermen were favored with good weather conditions during the drive and there was abundant water for operations. The work of rafting is now going on. Large lumber shipments are being reported from the North shore.

The first meeting of the special board, which has been appointed to conduct and carry on the work of conducting investigation and experimental re-seeding of burned and cut over timber lands in New Brunswick, was held recently in Fredericton. Plans were made to go ahead with the collection of five hundred pounds of tree seed, which will be sown later in the autumn. Arrangements were also effected for the extraction of tree seed at the seed house, which will be built on the University of New Brunswick nursery in Fredericton. Representative areas of not less than ten acres each will be selected in different portions of the province under different climatic conditions on which the experimental work will be conducted.

## Eastern Retailers Will Take Saguenay Trip

The Montreal Retail Lumber Dealers' Association are of the opinion that such organizations have a social as well as a business aspect. The directors have, therefore, made arrangements for an excursion to the Saguenay River by boat. Already a large number of acceptances have been received.

The excursion is not confined to the Montreal retailers, as invitations have been sent to members of the Province of Quebec Retail Lumber Dealers' Association, and to the members of the Montreal Wholesale Lumber Dealers' Association.

The journey will be made on the new boat Saguenay, which will start from Montreal at 9.30 P.M. on Friday, June 29. This will arrive in Quebec the following morning, and will then proceed to Ha! Ha! Bay, arriving at 11.30 P.M. Providing the tide serves, the members will make the journey up the Saguenay River.

The return will be at 7.15 on Saturday morning, June 30, arriving at Quebec at 8.15 P.M. Arrangements have been made for those who desire to stop over at the Ancient City to spend July 1st and 2nd there, this latter date being a national holiday, returning to Montreal on the evening of July 2, and arriving home on the morning of July 3. Those who do not stop over will arrive in Montreal at 8.30 on July 1.

The following committee has been appointed to make the necessary arrangements: Messrs. Greaves, Halliday, Berthiaume, Chauvette, Goring and Drapeau.

### The Itinerary of Quebec Retail Dealers

The outing of the retail lumber dealers of Montreal on the steamer "Saguenay" will be an enjoyable one. The itinerary has been prepared and the boat will leave the city on Friday June 29th

at 7 P.M., going as far as Chicoutimi, which will be reached on the morning of July 1st. On the return trip the "Saguenay" will land at Montreal on the morning of Tuesday July 3rd. Several hours will be spent in Quebec City, and arrangements will be made for some sightseeing cars for the pleasure of the visitors. The "Saguenay" is exclusively a passenger boat for the excursion, and stops at various places will be extended in time or otherwise, according to the wishes of the majority of the passengers. Daylight saving time will be in effect on the trip.

The itinerary is as follows:—

#### Going

Leaving Montreal 7.00 P.M., Friday, June 29th, 1923.  
Arrive Quebec 7.00 P.M., Saturday, June 30th, 1923.  
Leaving Quebec 9.30 A.M., Saturday, June 30th, 1923.  
Arrive St. Irene 3.00 P.M., Saturday, June 30th, 1923.  
Leaving St. Irene 4.00 P.M., Saturday, June 30th, 1923.  
Arrive Murray Bay 4.30 P.M., Saturday, June 30th, 1923.  
Leaving Murray Bay 7.00 P.M., Saturday, June 30th, 1923.  
Arrive Chicoutimi 5.00 A.M., Sunday, July 1st, 1923.

#### Return

Leaving Chicoutimi 9.00 A.M., Sunday, July 1st, 1923.  
By the Capes, noon, Sunday, July 1st, 1923.  
Arrive Tadousac 3.30 P.M., Sunday, July 1st, 1923.  
Leaving Tadousac 5.30 P.M., Sunday, July 1st, 1923.  
Arrive Quebec 6.00 A.M., Monday, July 2nd, 1923.  
Leaving Quebec 9.30 A.M., Monday, July 2nd, 1923.  
Arrive Cap la Madeleine 5.00 P.M., Monday, July 2nd, 1923.  
Leaving Cap la Madeleine 5.30 P.M., Monday, July 2nd, 1923.  
Arrive Montreal 1.30 A.M., Tuesday, July 3rd, 1923.

## Ontario Men Will Visit Thousand Islands

Preparations are going on apace for the annual midsummer outing of the Ontario Retail Lumber Dealers' Association. Everything is progressing favorably and W. B. Tennant, of J. B. Smith & Sons, Limited, 53 Strachan Ave., Toronto, who is chairman of the Outing Committee, is receiving an encouraging number of reservations. The steamer "Cape Trinity" will carry the party down the St. Lawrence and will be reserved exclusively for lumbermen and their friends. Many members of the trade will be accompanied by their wives and families.

The trip is one that presents unusual opportunities in the way of social, educational, scenic and restful features. There will be no great rush and no strenuous schedule that will be rigidly followed. The boat will leave Toronto at 2 P.M., on Thursday July 5th and proceed to the Thousand Islands, arriving there the following morning at 9 o'clock, going through the American Channel and reaching Brockville at 2 P.M. in the afternoon. An hour's stay will be made there and the steamer will set sail again through the Canadian Channel and will reach Kingston that evening, Friday July 6th.

On Saturday morning the vessel will sail up the Bay of Quinte for Belleville, which city will be reached at 2 P.M. Calls will then be made at Trenton and by Sunday the "Cape Trinity" will have reached Queenston where special electric cars will be secured to take the party to Niagara Falls and Chippewa and return to Queenston on Sunday night. Toronto will be reached on Monday July 9th.

The outings of the Ontario Retail Lumber Dealers' Association are always enjoyable and the one on the present occasion bids fair to equal any undertaking of the past. The cost of the trip has been placed at \$40 for adults and \$35 per person for children. This includes meals, berths, etc., and as already intimated, it is desirable that reservations should be made at once with Mr. Tennant, accompanied by a cheque of \$20.00 for each berth, the balance to be paid before June 21st. Little children, sharing a berth with one of their parents, will be charged only \$10 each for the trip.

The Cape Trinity of the Canada Steamship Lines which has been chartered for the occasion is a fine, large vessel which will accommodate 225 passengers. It is well equipped and carries an efficient crew selected particularly for the looking after the comfort and convenience of convention parties:

### Hardwood Shipments are Active in East

H. L. Hebard, who has been appointed chief inspector for the Montreal district of the National Hardwood Lumber Association, states there is quite a little stock being moved from that market at the present time and practically all of it is going to U. S. points. There is not much trouble now in getting stock loaded although some few points are embargoed.



# The Retail Lumberman and His Delivery Problem. —Does It Pay to Buy Motor Truck?—

By L. G. Jackson

It is the purpose of this and succeeding articles to outline methods of delivering lumber from retail yards other than by horse and wagon. While not desiring to uphold any one method as more advantageous or economical than another, it is hoped that the series will prove of benefit and assistance to any who may contemplate the addition of motor equipment either for the first time or as an extra unit to present delivery methods.

In the present instance we will briefly outline methods of delivery by motor trucks, and in succeeding issues there will appear contributions on the use of trucks and trailers and tractors and trailers, while other articles will deal with comparative cost data, etc.

There are three methods of delivering lumber by trucks alone, the first being the use of a truck equipped somewhat similarly to that seen in the illustration.

This equipment consists of a truck of long body dimension, mounted with a stake or rack body. This equipment is possibly more suitable to the requirements of the average yard or mill than any other in that it is of the most general service and can be used either for delivery purpose or any of the many needs arising daily around the ordinary plant.

With this equipment the mill can deliver the rough lumber or



A two to three-ton truck equipped with roller body which is of a type used by many retail lumber firms. The one shown here is part of the equipment of Wm. Williamson, 815 Woodbine Ave., Toronto

finished product equally well and have no trouble in handling the refuse as occasion may arise, whereas, with other types of equipment, some parts of the delivery must be handled by other trucks or teams. This type may be called the general purpose delivery truck and is, perhaps, the least costly equipment which a mill or yard can own. All that is required at the time of purchase, will be the truck chassis, and the body and cab could be built by the purchaser himself.

## Truck with Roller Body

The next consideration for a yard of generous proportions would be a truck equipped with a body similar in design to a platform, but having one or more rollers set in somewhat higher than the floor of the body. The end roller, being equipped with a bar, the driver is able to roll the load off at its destination. This equipment can also be used for the average purpose delivery but is not quite as adaptable as the one previously explained, in that a yard having such equipment would keep it entirely on the delivery of rough lumber or timber material which can safely be unloaded without handling.

Another type often used where large loads of bill stuff are continually hauled, consists of a straight roller body and is made of two bunks or sleepers having four or more rollers mounted directly on these sleepers and having no platform at all.

Possessing this equipment a yard is necessarily restricted to the use to which it can be put and must have sufficient rough lumber to deliver to warrant the installation of such equipment; otherwise the truck would not be working its full complement of hours and

other delivery equipment would be carrying much more than their just share of the burden.

These three types represent the means of delivery by motor truck, and while it is not the purpose of the present article to compare them as to cost of operation, it might not be amiss to point out some of their features.

## What Yard Men Must Consider

The yard owner must carefully survey his requirements and determine which type would best suit his particular location. He would be well advised to call in a good transportation engineer to assist him in making his selection as there are many factors to consider before definitely deciding to add new motor equipment. Quite a few problems will present themselves, and it is best to have them accurately diagnosed by a man whose experience has been gained through actual installation and study of many such problems.

The local road conditions will determine to a great extent just what type of vehicle should be bought; whether it should be large or small, what tire equipment, either solid or pneumatic; of what size, etc.

In the purchase of additional vehicles, it is well to check back over a known period in order to ascertain just what amount is usually handled and whether the loads are of material which is bulky or of more than average length; whether the delivery points are far away or all short haul work.

If the owner will carefully check over the various conditions under which his equipment must work, and buy accordingly, he should obtain a maximum of efficiency at a minimum of expenditure. He cannot expect to handle his product to the best advantage unless he is equipped to care for his wants with as little inconvenience as possible.

It is hoped that, in this and subsequent issues, there will be a few thoughts helpful to many of the retail dealers who are regular readers of the "Canada Lumberman."

## Woodworking Plants are Adding New Equipment

P. B. Yates Machine Co., of Hamilton, Ont., report that business conditions appear to be improving and the volume of orders is increasing. They state that last month was the best one they had in the past two years. Orders have been general with no special demand for any particular machine. Shipments of planers, moulders, resaws and other types of woodworking equipment have been sent during the past few months to the Maritime provinces, Quebec, Ontario and British Columbia.

The Power Lumber Co., of Quebec, recently purchased a No. 91 fast feed planer and matcher with automatic feeding table; a No. 341 band resaw and grinding machinery. The Builders Moulding Co., 52 Noble St., Toronto, have lately installed a No. 108 10-inch moulder. This company have also considerable other equipment of the Yates Machine Co., including an A-7 Patented Hardwood Flooring Machine. The same machine is in operation at the Satin Finish Hardwood Flooring, Limited, Weston, who are very busy at the present time.

## Progressive Firm is Making Extensions

Longfield Bros., of Mount Brydges, Ont., have recently completed an extension to their premises. The addition, which is of brick, is used for the manufacture of sash and doors. Longfield Bros. have been in business since 1915 and have made good progress. Their plant is located close to the G.T.R. station and is a comparatively large one. The sash and door factory is two storeys high and stands on a lot 70 x 90 feet and is fully equipped with machinery and three new electric motors have been recently installed. Longfield Bros. also operate a sawmill which is at the rear of their planing mill.

## Large Amount of Lumber Used

The Vigars-Shear Lumber Co., of Port Arthur, Ont., which was established in 1885, say that the amount of lumber marketed at the head of the lakes this year will be somewhat greater than in 1922, due to the large volume of grain elevator construction. "The lumber dealers have endeavored to encourage home building in 1923 by selling their products at wholesale prices," says George F. Clarnson, manager of the company, "but so far this has not resulted in any material increase in the number of permits for dwellings."



## Wholesalers Enjoy Golfing at Georgetown

On the invitation of J. B. Mackenzie, who is chairman of the Orangeville district of the Ontario Retail Lumber Dealers' Association, a number of Toronto wholesale lumbermen journeyed to Georgetown, Ont., on Saturday June 9th, and enjoyed a game of golf on the splendid links adjoining that town. The visitors were hospitably



The Club House of the Georgetown Golf Club

ably entertained by Mr. Mackenzie and spent a delightful afternoon on the nine-hole course which is admirably laid out and picturesquely located.

Among those who showed their prowess on the green and fairways, were F. T. Verrall, W. N. Fox, W. J. Lovering, F. H. Pratt, R. G. Chesboro, A. N. Dudley, H. E. Hodgson, Dr. A. I. Palmer, Horace Boulton, secretary of the W.L.D.A., and others. The party returned to town in the evening well pleased with the day's outing.

## Government Sells Blown Down Timber

William Milne and Sons, North Bay, Ont., were the successful tenderers to the Ontario Government for a quantity of timber lying in Lake Temagami, which had been cut from blown-down timber in the Temagami forest reserve. The price paid by William Milne and Sons was a lump sum of \$5,250, the estimated quantity of timber being some 4,694 pieces, making 217,425 feet, board measure. The wood consists principally of white pine and a small quantity of red pine and spruce, and the lump sum paid represents a price of about \$24 per thousand feet, board measure. The timber will be salvaged by the contractors.

## Had Good Luck With Spring Drive

The English Lake Lumber Co., Limited, of Lake Frontier, Que., state that their spring log drive is finished and was very successful. The firm cut 6,000,000 feet of logs last season, 90 per cent. spruce, the balance cedar, this being about the capacity of their mill which was started about six weeks ago and has since been running steadily, cutting about 50,000 feet per day.

P. Bienvenu, manager of the mill, states that so far they have had no trouble in securing men and wages are from 10 to 15 per cent. higher than last year. All the spruce lumber of the English Lake Lumber Co. has been sold to a United States firm and orders are being received for immediate shipment.

## B.C. Interests Satisfied with Outlook

In reference to the outlook in British Columbia a leading wholesaler of Vancouver stated lately that business in the forest products arena was very satisfactory. Although trade fell off considerably during the closing days in May, the Coast mills did not realize it fully as they were busy on old orders, both rail and cargo. It would seem that more lumber than ever is being purchased in British Columbia by Washington wholesalers.

Weather conditions during the spring were very satisfactory for logging and milling. The outlook on the whole is good and British Columbia interests anticipate a steady turnover with fair profits during the remainder of the year.

## Sales Tax Likely to Curb Demand

Writing to the "Canada Lumberman," a leading firm in North-western Ontario, in the Sudbury district say,—"While we are in favor of a sales tax in order to relieve the income tax, such sales tax should be reasonable, and it seems to us that the increase of from 3 to 6 per cent is rather inconsistent. If the manufacturer is obliged to assume this tax, he is going to increase the price of his product to that extent and, perhaps, try and sell as much of his lumber as possible in the United States.

"As far as we are concerned, we make all quotations for shipments to Canadian points subject to the buyer assuming the sales

tax; in other words, we would rather sell lumber at a lower market figure and ask the customer to assume the sales tax, than to make our prices sufficiently high to reimburse us for the tax.

"We understand the tax does not become effective until January 1st, and, in the meantime, we hope the Budget will be reconsidered and the sales tax remain as at present. In our opinion, the doubling of the tax is liable to influence the demand for lumber and cause considerable hesitation in buying. What we mean by this is, that the psychological effect of such a measure is apt to reflect upon the demand even if the additional sum involved is not very great."

## Lumber Merchants Suffered the Most

The Canadian freight cars at present held on railroads of the United States are being sent back, and the American coal cars held in Canada are quickly being transported southwards.

The shortage of railway freight cars was keenly felt in Canada last winter, and the principal sufferers were the lumber merchants of the Maritime Provinces. The general exporters of the country throughout felt the pinch, and the situation at one time grew so intense that great fears were felt in many quarters for the stability of business. The adverse balance was so high that repeated protests were made to the authorities at Washington, D.C., but without apparent concrete results.

During the last month or so, however, the interchange of box and freight cars has become lively, and there is no longer the acute pinch felt during the winter.

In discussing the situation recently, Mr. C. P. Riddell, Secretary of the Railway Association, stated that the shortage of freight cars was probably a blessing in disguise, inasmuch as there would have been unprecedented congestion on the New England roads. The embargoes, together with the unusually heavy amount of snow on the lines, would have militated against any free traffic, and the result, Mr. Riddell said, would have meant something approaching hopeless chaos.

The secretary of the Railway Association of Canada pointed out the tendency of the railway freight traffic working southwards and that therefore there is naturally an adverse balance of freight cars for Canada at the most normal of times. The past winter season, however, was extremely hard on certain Canadian manufacturers, especially in the East. The lumber merchants of the Maritimes, not so much the large firms as the more modest, suffered through the shortage. In the case of the small mill, the loss was insignificant, as the shutting down of the small plant meant little. The ambitions of many who ran their plants with modest capital were thwarted during the long winter months of the past winter, however, and only the recent arrival of Canadian freight cars from the other side of the border line has saved the situation.

Mr. Riddell thinks that state of normalcy, to use the word coined by President Harding, will be reached very soon, providing the interchange continues for another month or so.

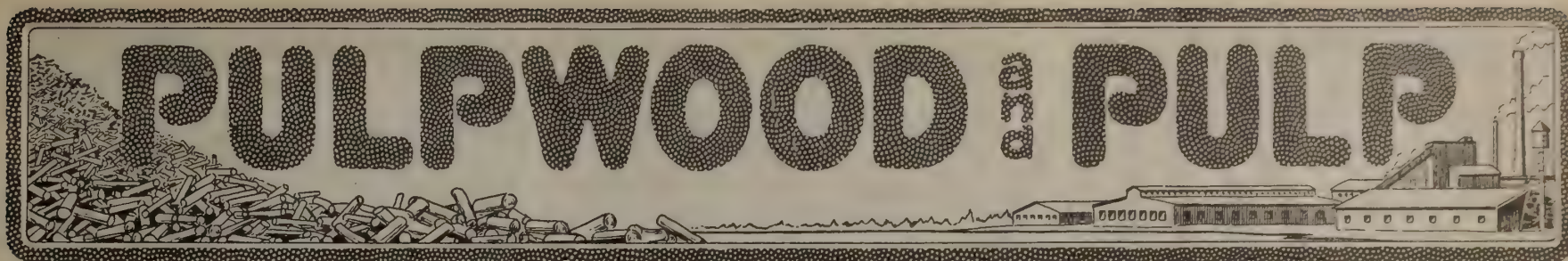
## Stop Export of Pulpwood from Private Lands

In connection with the Fielding Budget, which was presented at Ottawa recently, an important announcement was made by the Minister of Finance in which he stated that there are private lands in every province which are not subject to restriction in the matter of requiring pulpwood to be first converted into a finished product before being sent out of the country. An agitation has been carried on for many years to have the export of pulpwood from private holdings stopped. The federal government has declared that, before reaching a conclusion on this matter, it is of the opinion there should be a more thorough investigation than there has been before, and, during the recess, an endeavor will be made to find suitable persons; one or more, to enquire into the matter and get all the information which it is possible to obtain before arriving at a definite decision.

Generally the appointment of a commission is not taken very seriously by the public. It is frequently a polite way of staving off the issue, begging the question of dodging responsibility. Most commissions are time-serving, highly-paid and respectable bodies who, under the guise of making an investigation, drag out proceedings as long as possible and then take ample time in presenting a report, which is often colorless or impractical. Too often is the appointment of a commission tantamount to the responses of a former Premier of Ontario who, when waited upon by deputations, always evinced the liveliest interest in their requests and promised to take the matter into "his most serious consideration." That was generally the last that was heard of the propositions presented.

A man may have the greatest desire in the world to do good work, but unless he has the knowledge and the skill and good equipment, his task is impossible.





### Pulpwood Prices Hold Firm in Quebec

The pulpwood situation in the district of Quebec is giving satisfaction to the Quebec dealers. There is no dearth of cars and, by the end of June all contracts with the American mills will have been completed. The price is still firm at an average of \$20.50 per cord, delivered to the New York mills, and is likely to go higher.

Quebec pulpwood brokers discussing the situation, say that the American mills are impressed with the idea that the prices will go lower, and believing that the federal Finance Minister is not serious in his proposal to place an embargo on freehold Canadian pulpwood, they are holding back their buying. They feel sanguine, however, that the American mills misjudge the situation, as apart from the Canadian paper mill interests, the farmers are not manufacturing pulpwood to any large extent. The International Pulp & Paper Co. have recently purchased 20,000 cords, and the Canadian mills are also buying from the Quebec freeholders in order to conserve the wood on their own limits.

Discussing the outlook for the cutting of Canadian pulpwood and the effect an embargo would have on its export to the United States, leading bankers say that the wood must advance in price from the fact that the operators have to go so much farther every year to get a supply, and at the end of the present season of cutting the Metapedia Valley will be altogether depleted of its wood.

As a matter of course they do not take kindly to Hon. Mr. Fielding's proposal to place an embargo on the export of freehold wood out of Canada as such would cripple their business unless the government inserted a clause in the proposed law, when it come into effect, to protect the freeholders from being exploited by the Canadian mill operators. They admit that a regulation to prohibit the export of pulpwood out of Canada would compel the American operators to cross over to this country to operate their mills. They would be forced into the northern parts of Ontario and Quebec to find their base of supply to establish their mills, they would open up new territory, cause the development of new towns and the building of railways, but in justice to the freeholders who would be at the mercy of the big paper mill operators, the federal Minister of Finance would have to set a minimum price on all pulpwood cut and sold to the Canadian mills by Ontario farmers and Quebec freeholders.

### Will Complete Power Plant Development

The Canadian Paper Board Co., Limited, of Montreal, intend completing the company's power development and increasing the warehouse capacity at Frankford and Campbellford, Ont. In order to meet this expenditure, a public offering of a new underwriting of \$400,000, 7 per cent, first mortgage bonds is being made by the Canadian Debentures Corporation. The company has two plants in the province of Ontario and one in Montreal which turn out over 100 tons of board daily. The general-manager of the company is D. F. Robertson, who is also chairman of the Board section of the Canadian Pulp & Paper Association. J. G. G. Kerry, of Toronto, is the president of the company.

### Pulpwood Embargo Discussed at Ottawa

There was recently urged in House of Commons at Ottawa a definite policy of forest protection for Canada. Hon. G. P. Graham, Minister of Railways, advocated that something be done by the Dominion regardless of what other people were doing; if not, Canada's resources would only be a memory.

Hon. R. J. Manion, of Fort William, asked if it was the intention of the Government to bring down legislation prohibiting the export of pulpwood from privately owned lands. Hon. Charles Stewart, Minister of the Interior, replied that strong representations in favor of and opposing such legislation had been made. The Government was considering the matter.

Hon. Arthur Meighen, former Premier stated there was no excuse for continuing to permit the exportation of raw wood and, since the basic facts were known, he could see no reason for the appointment of a Royal Commission to enquire into the question.

As to reprisals by the United States, he was not afraid of them. There was nothing that would not bring as much injury to them as to United States.

He suggested there might be co-operation with the provinces to provide some rule by which there would be a tree planted wherever a tree was cut. Hon. Mr. Stewart thought the plan would be practicable.

Hon. Mr. Graham thought that timber resources should be replaced as far as possible, for the forest wealth of the Dominion was rapidly being wiped out. Something very radical must take place in this country in regard to forest protection. He said he was in favor of anything that would give forest protection.

In this connection it may be stated that the exports of pulpwood from the Dominion continue to increase. In April they totalled 74,438 cords, valued at \$650,175, compared with exports in April 1922, of 49,076 cords, valued at \$476,344.

### Will Face Serious Forest Situation

The reason that our pulp and paper mills have not as yet felt the actual imminent shortage of the available pulpwood supply is due to the large amount of cutting that has been done in the endeavour to salvage as much of the two hundred million cords of budworm killed wood as possible, says Frank J. D. Barnjum, of Montreal. However, the present year will probably see the end of the salvage period of this dead wood as it has now largely got beyond a usable condition, and when the operators again look about for a chance to cut in green timber they will then very soon realize that there is an acute shortage in the supply. Notwithstanding this tremendous shrinkage in our standing timber we keep adding to our consumption to such an extent that in a five year period the increase in Canada has amounted to 100 per cent., and, at the same time, the loss from fire is also increasing from year to year and, as the country becomes drier from lack of forest cover, will continue to increase.

These vital factors are quite overlooked in estimating how long our standing timber will last. It is the common custom to take the amount of the stand and divide it by the amount of the present cut despite the fact that the loss from the above mentioned causes is more than ten times the amount of depletion by the axe, and that consumption is increasing at the alarming rate above noted.

When the timber on the steeper mountain slopes which should never be cut and also the inaccessible growth is deducted the available stand of live wood is reduced to a very small quantity. Over and above all this the most serious thought for our consideration is that our watersheds are already over-denuded of forest growth to such an extent that many of our mills have to operate at half capacity or less for four or five months in the year from lack of power, with alarming freshets in the spring, causing untold damage together with severe climatic changes, and an alternating of cold and heat which are disastrous not only to agriculture but to human life as well.

### Primary Lessons in Rangers Schools

A conference in connection with the Woodlands section of the Canadian Pulp and Paper Association was held lately in the offices in Montreal. This was attended by O. M. Porter, secretary of the Woodlands section of the American Pulp and Paper Association; R. S. Kellogg, secretary of the Newsprint Service Bureau; Elwood Wilson, chairman of the Woodlands section of the Canadian Pulp and Paper Association; Dr. C. D. Howe, Dean of the Faculty of Forestry, University of Toronto; J. N. Stephenson, of the Institute of Domestic and Industrial Arts; and G. C. Piche, Chief Forester of the Province of Quebec.

The object of the conference was to discuss the preparation and publication of a series of primary Lessons on forestry and logging for use in ranger's schools, and for use in carrying on a correspondence course in woods operations. It was proposed to make joint arrangements between Canadian and American interests, the books to be distributed and used by the Woodlands sections of the American and Canadian associations, by the Institute of Domestic and





Some of the huge pulpwood piles of the Porcupine Pulp & Lumber Co., at Hoyle, Ont.

Industrial Arts, by the School of Rangers for the Province of Quebec, and the Forestry School of the University of Toronto. An outline of the subjects to be dealt with was discussed and agreed upon, and it was left to Messrs. Porter and Stephenson to arrange for the preparation of manuscripts and other details. Each chapter in the text-books will be prepared by an expert on the subject.

### Putting Pulp Plants on Good Basis

Recent cable advices received from England state that at the annual meeting of the Becker Co., Limited, which was held in London, England, recently, Sir Frederick Becker, president, announced that his organization, which controls several pulp and paper subsidiaries, was putting the Chicoutimi Pulp Co. on a better financial basis. Some minor changes are being made locally in the management at Chicoutimi. These are of a minor character and do not foreshadow any drastic reorganization.

Sir Frederick said it was essential that the railway, of which his company had built about thirty miles, should be centred around Lake St. John. Hon. L. A. Taschereau, Premier of Quebec, had promised every facility for the company within the power of the Quebec Government. The Overseas Minister of Trade had also been approached in the matter, Sir Frederick added, but while he was sympathetic, matters were in the hands of the Advisory Committee of the Ministry.

### Much Depends on Power Developments

The new huge Hydro power development at Des Quinze Dam, Que., is arousing much interest in pulpwood, lumbering, paper-making and other circles. The Northern Canadian Power Co. will erect a 20,000 h.p. hydro electric plant at a cost of about \$4,000,000, with the object in view of ultimately developing 60,000 h.p. The preliminary work preparatory to general construction has been started by the contractors, Morrow & Beatty.

It is stated that following in the wake of power development and the building of the railway, will come the construction of a large pulp mill by McLachlin Bros., of Arnprior, and the Edwards interests of Peterboro. It is reported that the plans of the new industry have already been prepared with extensive neighboring timber limits from which to draw the raw material. It is apparent that Des Quinze is destined to find a place soon among the important industrial centres of the north.

### Plant for Preparation of Pulpwood

The St. Regis Paper Co., Limited, Montreal, have decided to construct at Godbout, on the north shore of the St. Lawrence, an extensive plant for the preparation of pulpwood. The wood will come down the Godbout River, and will then be conveyed in chutes about one and one-half miles overland to the plant, situated at Godbout Harbour. A large wharf is being built on the harbour for the purpose of loading the wood into boats. The plant will have a capacity of between forty or fifty thousand cords of wood per annum, and will include cutting and rossing departments. W. F. V. Atkinson is in charge of the construction work at Godbout.

### Exports are Draining the Country

The exports of pulpwood in Canada from private lands are increasing all the while. For the year, 1922, the figures practically amounted to 1,000,000 cords. The census of Canadian industry shows that during the last three years, wages and salaries paid to convert pulpwood to pulp and paper averaged \$14.00 per cord. During the same period 3 2/3 million cords were exported and the Canadian payrolls lost \$51,000,000. A heavy loss to the industry and to the Dominion as a whole is the result of the export of pulpwood from lands held in fee simple, and figures show that had the wood exported in 1921 alone been manufactured at home into a finished product its sales value would have been increased by \$57,500,000.

Another strong argument against the exportation of pulpwood

is sounded in a personal letter from Mr. Barnjum to the Members of Parliament, in which he says in part:—Nothing emphasizes the critical situation of our wood supply so strikingly as the tremendous advance in the price of stumpage as recorded in the recent sale at auction of 2,000 square miles by the Government of Quebec of the most remote limit so far sold in the Province which was bid in by American interests at a price equalling over \$4.50 per cord, which is just four times the price of the previous sales of stumpage by this Province. There is no safer barometer than the inviolable law of supply and demand. In addition to the price paid for this stumpage, these people are obligated to build a 100-ton pulp mill in Canada, develop a 15,000 H.P. plant and comply with many other conditions. The last fee land holding of any size or value unsold in the Province of Quebec is now held at a price of \$3,000,000.00 for 80,000 acres, or very nearly \$40.00 per acre, and even these prices will look low in another year. These cold facts and figures speak more eloquently than any note of warning that I can give utterance to.

The subject is not a new one by any means and it is appropriate to refer here to an editorial which appeared in the "Canada Lumberman" on January 1st 1921, under the caption "Let Canada Keep Her Pulpwood—Export Her Paper." It was pointed out then that pulpwood cut on the Crown Lands of Ontario, Quebec and New Brunswick cannot be exported until converted into pulp and paper. This enactment was of a provincial character and was wisely placed on the statute books several years ago. There are, however, great areas of privately-owned lands from which the wood is being taken and sent across the border, and it is time for Canadians to waken up to the fact that this great national heritage is vanishing rapidly. In the end the people of the Dominion will find, unless radical measures are taken, that, like Esau of old, they have sold their birthright for a mess of pottage.

The only argument that has been raised against the restriction of pulpwood export from private lands is that many a settler would be deprived of access to the market over the border and that his chief revenue, while clearing his property, is from the pulpwood harvest. It is contended that if he could not sell only to those doing business in Canada, he would be at the mercy of Canadian concerns and would not be able to realize the top-notch figure for his raw material.

This contention is no longer valid owing to the fact that pulpwood is steadily getting scarcer and the sources of supply farther removed. There are over one hundred pulp and paper manufacturing industries in the Dominion and the number is growing rapidly. This in itself is a sufficient guarantee of competition which will ensure the settler getting the highest price for his product.

Canada's coniferous woods are disappearing all too rapidly. Her people have been too prodigal in the use of them, a use which has been changed to abuse. We will waken up some morning to find that our forests, like the Arab, have silently stolen, or been stolen away, while we were apathetic and indifferent. Canadians should waken up to the fact that stumpage is a valuable asset and something that cannot be reproduced in this generation or the next. What is needed is greater aggressiveness, national cohesion and more public spirit,—an appreciation of what lies at our very doors. We require closer vision and a saner outlook.

If the future of Canada as a great pulp and paper producing country is to be assured and its prestige and preeminence maintained, a federal act should be passed as speedily as possible prohibiting the further export of pulpwood from privately-owned holdings. Those human beings, who neglect physical exercise or the proper care of health, are shocked some morning to find bodily vigor undermined and heart action weak. We, in Canada, have been going along, so far as our forests are concerned, in a too happy-free manner, thinking only of today and giving but little thought to the morrow. Anything that will jolt Canadians into action and decision and make them more assertive and independent, heeding the welfare and advancement of their own country, will be a long step in giving the Dominion the place under the sun that it should enjoy. We have been bartering a most rapidly disappearing and indispensable raw material for a paltry pittance. It is time to call a halt.



# LUMBER TRADE CONDITIONS

## Ottawa Lumber Business Remains Fairly Firm

Conditions in the Ottawa lumber market during the early part of June did not show any appreciable change, as compared with the latter part of May. Business with the United States yards continued to remain fairly quiet, and though the domestic demand did not pick up very much, there was absolutely no sign of lower prices for lumber.

Most of the wholesalers were kept fairly busy working on old orders which they had received from American yards some time ago. There were very few new orders or inquiries received. The slackening up of the demand from the United States was attributed to the slowing up of building. Local dealers believed that the slowing up of American building in several of the States was largely due to exceedingly high wages demanded and received by labor.

A survey of the domestic market did not reveal any great movement of stock. Several plants were running on old orders and expected to be kept fairly busy for some time to come in completing them.

While the American and the domestic did not show a great deal of activity, a considerable increase in trade was noted with the South American countries. The principal demands from these quarters were for white pine, twelve inch planks and boards.

The English market also showed signs of picking up, there being a marked increase in the movement of stocks bought months ago for the European market. In trade circles it was freely reported that several sales of stock suitable for the European market had recently been made, one of the principal being the cut of pine deals of the Gatineau Company Limited, to Cox, Long and Company, whose headquarters are at Liverpool. It was reported that this sale contained about six million feet.

The labor situation, both for the drive and with the sawmills, was reported to be satisfactory. With several of the Ottawa Valley Companies it was reported that their drives were from four to five weeks late due to the backwardness of the spring season. Sawmill operations are well under way and while it is too early to yet predict what the season's saw cut will be, it seems likely from the amount of space in the manufacturer's yards that it will be up to, if it does not exceed, that of last year.

During the first few days of June bush fires breaking out in the Kipawa, De Moines, and Gatineau Valley districts caused losses to limits of representative Ottawa Valley Companies, which will run into the thousands of dollars.

The limits chiefly effected were those of the J. R. Booth Co. Ltd., The Hawkesbury Lumber Company, McLachlin Bros. Ltd., and Shepard and Morse Company, in the Kipawa and De Moines districts, and those of the Gatineau Company Ltd., The Riordon Co. Ltd., and the E. B. Eddy Company, Limited, in the Gatineau district. In addition to the limits of the larger companies and operators which were effected, there was also a considerable number of holdings of smaller men and jobbers burned over.

Up to June 5th., no total estimate of damage caused was available at Ottawa, on which date more reports of new fires were still being received. A rainfall on June 4th., largely helped to check the fires in the Gatineau Valley region. Large forces of men, from the lumber companies and the Ottawa River Forest Fire Protective Association left for the scene of the flames.

The latest fire to be reported up to June 5th., was on the southern boundary of the Shepard and Morse limit on the Bois France, about 17 miles from Kipawa. This limit which is largely composed of a stand of white pine is about 100 square miles in extent. The report announcing the fire on the Shepard and Morse holdings, said it was believed the blaze had come down over the McLachlin, Hawkesbury, and Booth holdings in this district.

## St. John Believes Good Outlook Will Continue

From present indications the outlook is bright for a stronger market. A hope is expressed that a change for the better is imminent and it is expected that conditions will slowly but steadily improve. Prices still remain firm and while there is no great demand for some sizes, others are being sought and can be disposed off without difficulty.

As far as scantling is concerned the figure at the local manufacturers is \$29.00, except for desirable lengths which are being sought. The call for some sizes has fallen off and prices offered are not very

attractive. 2 x 3 is scarcer than 2 x 4 and is therefore in greater demand.

The Majority of dealers are expecting to buy 2 x 8 for \$38 and then retailing it at a reasonable margin. Dry boards are scarce and the prices for them remain firm. These can be sold without any loss of time. This is also true as regards merchantable spruce covering boards if they are five inches or wider and eight feet or longer and planed on one side, even though green.

The lath market is still full of surprises. Those, who have been purchasing for some time, encounter unexpected fluctuations and must take the bitter with the sweet. Those, who are apprehensive, should not indulge, seems to be the watchword of the men who are dabbling in this line. The selling of one and a half inch laths is not easy according to reports, as retailers at the present juncture do not want them and can not be coaxed to buy even at reduced prices, but such is not the case relating to one and five eights. The demand for this size is stronger and considerable quantities are being sold.

Prices of dimension spruce continue firm at \$40. There is rather more enquiry for provincial random at \$29 to \$39 and a hope that a change for the better in these lines is likely to grow more pronounced is expressed.

Shingles are in strong demand according to late reports. As far as the local manufacturers are concerned they are all sold out and are now producing them to supply their orders. Owing to the scarcity quotations remain firm and from present indications will continue to do so until the depleted stocks have been replenished.

If the building boom in the United States spreads as is anticipated it is bound to have a beneficial effect on the provincial market. Labor trouble in some lines has caused many buyers to hold their orders and when these conditions become more settled, the requisitions for many sizes are bound to be great.

The English market is quite strong and shipments from many points in the Maritime Provinces are heavy. It is expected that the English situation will remain firm and that the demand will continue for some time.

## Quebec Exporters Report More Cheerful Tone

Quebec lumber firms are getting ready for the usual summer season's shipments of timber and deals to their customers in the United Kingdom. It is expected that, with the orders ahead booked and business in prospect owing to a change in the political horizon of Europe, the export of wood from Canada to Great Britain this summer and fall will be in excess of last year's shipments.

During the last weeks of May the Manchester Line steamers "Manchester Division" and "Manchester Brigade," took on at Quebec port cargoes that were shipped by the firms of John Burstall & Co. and W. & J. Sharples, Limited. These vessels were loaded with birch lumber by the former firm and by the latter firm waney pine and spruce, and besides the firm of Hansen & Co. shipped fifteen standard of pulpwood. W. & J. Sharples also shipped overseas 200 standard of spruce and 200 loads of waney pine timber by the steamer "Vargorlia," and expect to keep on exporting part cargoes with the firm of John Burstall & Co. all through the summer and fall seasons.

There seems to be much more cheerful tone in the latest reports received by the Quebec lumber firms from their United Kingdom agents in comparison to the beginning of the present year. The changed complexion of the political horizon in Europe is responsible for the new spirit of optimism which seems to have permeated in the avenues of all branches of British trade circles. As forecasted in the "Canada Lumberman" during the past several months expert observers in touch with all centres of European commercial barometers, the dark clouds so long obscuring the political horizon of Europe and the Near East are beginning to roll by to bring good cheer to the vigilant economists who have been patiently watching and waiting for this ray of light and sunshine to assure the commercial world of its return to normalcy. This sunburst of hope is also giving encouragement to governments, especially the economic interests of Great Britain, which never faltered in its confidence in the assurance of the skill of diplomatic service in its plucky endeavor to iron out all difficulties for ultimate peace and settlement of the world by the adjustment of all disputes.

Such is the text of the latest reports received by the Quebec lumber firms from their British agents who have been watching

(Continued on page 56)



# CURRENT LUMBER PRICES—WHOLESALE

## TORONTO

### White Pine

(In Car Load Lots, F.O.B. cars Toronto)

1 x 4/7 Good Strips	\$110.00	\$115.00
1 1/4 & 1 1/2 x 4/7 Good Strips	135.00	140.00
1 x 8 and up Good Sides	155.00	165.00
2 x 4/7 Good Strips	135.00	150.00
1 1/4 & 1 1/2 x 8 and wider Good Sides	185.00	190.00
2 x 8 and wider Good Sides	195.00	210.00
1 x 7 & up No. 1, 2 and 3 cuts	87.00	90.00
5/4 and 6/4 No. 1, 2 and 3 cuts	100.00	105.00
2 in. No. 1, 2 and 3 cuts	115.00	120.00
1 x 4 and 5 Mill Run	58.00	60.00
1 x 7, 9 and 11 Mill Run	55.00	60.00
1 x 8 Mill Run	60.00	63.00
1 x 10 Mill Run	60.00	65.00
1 x 12 Mill Run	66.00	70.00
5/4 and 6/4 x 5 and up Mill Run	61.00	62.00
2 x 4 Mill Run	58.00	60.00
2 x 6 Mill Run	58.00	62.00
2 x 8 Mill Run	59.00	63.00
2 x 10 Mill Run	62.00	65.00
2 x 12 Mill Run	67.00	71.00
1 in. Mill Run Shrots	36.00	38.00
1 x 4 and up 6/16 No. 1 Mill Culls	36.00	38.00
1 x 10 6/16 No. 1 Mill Culls	43.00	45.00
1 x 12 6/16 No. 1 Mill Culls	43.00	45.00
1 x 4 and up 6/16 No. 2 Mill Culls	29.00	30.00
1 x 10 12 6/16 No. 2 Mill Culls	33.00	34.00
1 x 4 & up 6/16 No. 3 Mill Culls	17.00	18.00

### Red Pine (Rough)

(In Car Load Lots, F.O.B. Toronto)

1 x 4 and 5 Mill Run	40.00	42.00
1 x 6 Mill Run	41.00	42.00
1 x 8 Mill Run	44.00	45.00
1 x 10 Mill Run	47.00	49.00
2 x 4 Mill Run	41.00	42.00
2 x 6 Mill Run	42.00	43.00
2 x 8 Mill Run	44.00	45.00
2 x 10 Mill Run	49.00	50.00
2 x 12 Mill Run	50.00	51.00
1 in. Clear and Clear Face	75.00	76.00
2 in. Clear and Clear Face	80.00	82.00

### Jack Pine

Mill Run (mill culls and dead culls out)	39.00	40.00
2 x 4	40.00	41.00
2 x 5	41.00	42.00
2 x 6	44.00	45.00
2 x 8	44.00	45.00
2 x 10	46.00	48.00
1 x 4 and wider	37.00	39.00
Mill Culls and Sound Wormy	32.00	33.00
1 x 4 & wider	32.00	33.00
2 x 4 & wider	33.00	34.00

### (Spruce Rough and Dressed)

Mill Run (mill culls and dead culls out)	40.00	42.00
1 x 4, and 5	42.00	44.00
1 x 6	45.00	47.00
1 x 8	47.00	49.00
1 x 10	50.00	51.00
1 x 12	38.00	41.00
2 x 4	41.00	43.00
2 x 6	43.00	45.00
2 x 8	47.00	50.00
2 x 10	50.00	52.00

### Mill Culls

1 x 4 and up No. 1	32.00	33.00
2 x 4 and up No. 1	33.00	34.00

### Hemlock (M R)

(In Car Load Lots, F.O.B. Toronto)

1 x 4 and 5 to 16 ft.	\$31.00	\$32.00
1 x 6, 8 to 16 ft.	36.00	38.00
1 x 7, 9 and 11, 8 to 16 ft.	37.00	38.00
1 x 8, 9 to 16 ft.	38.00	41.00
1 x 10 and 12, 8 to 16 ft.	40.00	42.00
2 x 6, 8 to 16 ft.	36.00	38.00
2 x 4, 8, 10 and 12, 8 to 16 ft.	38.00	40.00
2 x 4 to 12, 18 ft.	45.00	46.00
2 x 4 to 12, 20 ft.	46.00	47.00
1 in. No. 2, 6 to 16 ft.	26.00	28.00
2 in. No. 2, 6 to 16 ft.	30.00	32.00

### Fir Flooring

(In Car Load Lots, F.O.B. Toronto)

Fir flooring, 1 x 3 in. No. 2 and better, edge grain	\$ 75.00
Fir flooring, 1 x 4 in. No. 2 and better, edge grain	72.00
Fir flooring, 1 x 3 in. No. 2 and better, flat grain	56.00
Fir flooring, 1 x 4 in. No. 2 and better, flat grain	59.00
1 x 4 to 12 in. No. 2 and better, clear fir, Rough	\$82.50.

1 1/4 x 4 to 12 in. No. 2 and better, clear fir rough	86.50
2 x 4 to 12 in. No. 2 and better, clear fir, rough	82.50
3 x 4 to 12 in. No. 2 and better, clear fir, rough	91.50
1 x 4, 5 and 6 in. fir casing	88.75
1 x 8 and 10 in. fir base	83.25
1/2 x 6, 8 to 18 ft. No. 1 and 2 clear cedar bevel siding	50.00
1 1/4 and 1 1/2 8, 10 and 12 in. E. G. Stepping	94.25
1 1/4 and 1 1/2 8, 10 and 12 in. E. G. Stepping	84.25
1 x 4 to 12 in. clear fir dressed 4 sides	77.25
1 1/4 and 1 1/2 x 4 to 12 in. clear fir D4S	81.00
XX Shingles, 6 butts to 2 in. per M.	3.60
XXXX Shingles, 6 butts to 2 in. per M.	5.00
XXXXXX Shingles, 5 butts to 2 in. per M.	6.00

### Lath

(F.O.B. Mill)

No. 1 White Pine	\$11.00	\$12.00
No. 2 White Pine	10.00	10.50
No. 3 White Pine	9.00	
Mill Run White Pine, 32 in.	4.50	5.00
Merch. Spruce Lath, (Ontario)	6.50	6.75

## TORONTO HARDWOOD PRICES

The prices given below are for car loads f.o.b. Toronto, from wholesalers to retailers, and are based on a good percentage of long lengths and good widths, without any wide stock having been sorted out.

### Ash, White

(Dry weight 3,800 lbs. per M. ft.)

	1s & 2s	No. 1 Com.	No. 2 Com.
1"	\$115.00	\$ 65.00	\$ 40.00
1 1/4 and 1 1/2"	120.00	70.00	45.00
2 1/2 and 3"	125.00	75.00	50.00
4"	130.00	80.00	55.00

### Ash, Brown

1"	100.00	60.00	35.00
1 1/4 and 1 1/2"	110.00	65.00	40.00
2"	120.00	75.00	45.00

### Birch

(Dry weight 4,000 lbs. per M. ft.)

	1s & 2s	Sels.	No. 1 Com.	No. 2 Com.
4/4	\$115.00	\$ 70.00	\$ 50.00	\$ 30.00
5/4	120.00	75.00	52.00	32.00
6/4	120.00	75.00	52.00	32.00
8/4	125.00	80.00	60.00	37.00
12/4	135.00	90.00	65.00	40.00
16/4	135.00	90.00	65.00	40.00

### Basswood

(Dry weight 2,500 lbs. per M. ft.)

	1s & 2s	No. 1 Com.	No. 2 Com.
4/4	\$ 90.00	\$ 55.00	\$ 35.00
5/4 and 6/4	95.00	60.00	40.00
8/4	100.00	70.00	45.00

### Chestnut

(Dry weight 2,800 lbs. per M. ft.)

	1s & 2s	No. 1 Com.	Sound Wormy
1"	\$140.00	\$ 95.00	\$ 40.00
1 1/4 to 1 1/2"	155.00	105.00	43.00
2"	160.00	115.00	45.00

### Maple, Hard

(Dry weight 4,000 lbs. per M. ft.)

	F.A.S.	Sels.	No. 1 Com.	No. 2 Com.
4/4	\$ 90.00	\$ 70.00	\$ 50.00	\$ 30.00
5/4	95.00	75.00	55.00	32.00
6/4	95.00	75.00	55.00	32.00
8/4	100.00	80.00	60.00	35.00
12/4	110.00	90.00	70.00	40.00
16/4	110.00	90.00	70.00	40.00

### Elm, Soft

(Dry weight 3,000 lbs. per M. ft.)

	1s & 2s	No. 1 Com.	No. 2 Com.
4/4	\$ 85.00	\$ 55.00	\$ 30.00
8/4	85.00	55.00	30.00
12/4	120.00	90.00	50.00

Gum, Red  
(Dry weight 3,300 lbs. per M. ft.)

	Plain	No. 1 Com.	Quartered—	No. 1 Com.
1s & 2s			1s & 2s	
1"	\$115.00	\$ 70.00	\$115.00	\$ 70.00
1 1/4"	120.00	75.00	120.00	80.00
1 1/2"	125.00	80.00	120.00	80.00
2"	130.00	85.00	125.00	85.00

### Gum, Sap

	1s & 2s	No. 1 Com.
1"	\$ 65.00	\$ 55.00
1 1/4 and 1 1/2"	73.00	63.00
2"	83.00	73.00

### Hickory

(Dry weight 4,500 lbs. per M. ft.)

	1s & 2s	No. 1 Com.
1"	\$125.00	\$70.00
1 1/4"	145.00	70.00
1 1/2"	145.00	75.00
2"	150.00	80.00

### Quarter Cut Red Oak

	1s & 2s	No. 1 Com.
4/4	\$145.00	\$ 85.00
5/4 and 6/4	155.00	90.00
8/4	170.00	95.00

### Plain White and Red Oak

(Plain sawed. Dry weight 4,000 lbs. per M. ft.)

	1s & 2s	No. 1 Com.
4/4	135.00	90.00
5/4 and 6/4	150.00	95.00
8/4	160.00	100.00
10/4	170.00	105.00
12/4	170.00	110.00
16/4	185.00	115.00

### White Oak, Quarter Cut

(Dry weight 4,000 lbs. per M. ft.)

	1s & 2s	No. 1 Com.
4/4	\$165.00	\$ 95.00
5/4 and 6/4	175.00	105.00
8/4	180.00	110.00

## OTTAWA

Manufacturers' Prices  
Pine

Good sidings:	
1 in. x 7 in. and up	\$140.00
1 1/4 in. and 1 1/2 in. 8 in. and up	170.00
2 in. x 7 in. and up	175.00
No. 2 cuts 2 x 8 in. and up	90.00 95.00

Good strips:	
1 in.	110.00
1 1/4 in. and 1 1/2 in.	135.00
2 in.	145.00

Good shorts:	
1 in. x 7 in. and up	100.00
1 in. 4 in. to 6 in.	85.00
1 1/4 in. and 1 1/2 in.	140.00
2 in.	145.00
7 in. to 9 in. A sidings	54.00 56.00
No. 1 dressing sidings	75.00 80.00
No. 1 dressing strips	65.00
No. 1 dressing shorts	55.00 60.00
1 in. x 4 in. s.c. strips	52.00
1 in. x 5 in. s.c. strips	50.00
1 in. x 6 in. s.c. strips	55.00
1 in. x 7 in. s.c. strips	54.00
1 in. x 8 in. s.c. strips, 12 to 16 ft.	56.00
1 in. x 10 in. M.R.	62.00
S.C. sidings, 1 1/2 and 2 in.	65.00
S.C. strips 1 in.	48.00 50.00
1 1/4, 1 1/2 and 2 in.	58.00
S.C. shorts, 1 x 4 to 6 in.	40.00
S.C. and bet., shorts 1 x 5	43.00
S.C. and bet., shorts 1 x 6	45.00
S.C. shorts, 6-11 ft., 1 x 10 in.	50.00

Box boards:	
1 in. x 4 in. and up, 6-11 ft.	35.00
1 in. x 3 in. and up 12-16 ft.	39.00
Mill cull shorts, 1 in. x 4 in. and x 4 in. and up, 12 ft. and up	30.00
Mill culls, strips and sidings, 1 in. up, 6 ft. to 11 ft.	30.00
O. culls r and w p	23.00 24.00

### Red Pine, Log Run

Mill Culls out, 1 in.	38.00 40.00
Mill Culls out, 1 1/4 in.	38.00 40.00
Mill Culls out, 1 1/2 in.	38.00 40.00
Mill Culls out, 2 in.	38.00 40.00

### Mill Run Spruce

1 in x 4 in. and up, 6 ft. to 11 ft.	30.00 35.00
1 in. x 4 in. and up, 12 ft. to 16 ft	38.00 40.00
No. 1 White Pine, 1 1/4 in. x 4 ft.	12.00



# CURRENT LUMBER PRICES—WHOLESALE

1" x 9"-10" and up, 12 ft.-16 ft. . .	43.00
1 1/4" x 7, 8 and 9" up, 12 ft.-16 ft. . .	40.00
1 1/4" x 10 and up, 12 ft.-16 ft. . . . .	43.00
1 1/2" x 12" x 12" and up, 12'-16'	50.00
Spruce, 1 in. clear fine dressing	65.00
and B . . . . .	22.00
Hemlock, 1 in. cull . . . . .	28.00
Hemlock, 1 in. log run . . . . .	24.00
Hemlock, 2 x 4, 6, 8, 10 12/16 ft. . .	30.00
Tamarac . . . . .	25.00
Basswood, log run, dead culls out . .	45.00
Basswood, log run, mill culls out . .	50.00
Birch, log run . . . . .	60.00
Soft Elm, common and better, . . .	58.00
1, 1 1/2, 2 in. . . . .	62.00
Ash, black, log run . . . . .	57.00
1 x 10 No. 1 barn . . . . .	51.00
1 x 10 No. 2 barn . . . . .	47.00
1 x 8 and 9 No. 2 barn . . . . .	52.00

<b>Lath per M.:</b>	
No. 1 White Pine, 1 1/4 in. x 4 ft. . . . .	12.00
No. 2 White Pine . . . . .	11.00
Mill Run White Pine . . . . .	10.00
Spruce, mill run, 1 1/2 in. . . . .	10.00
Red Pine, mill run . . . . .	7.00
Hemlock, mill run . . . . .	7.00

<b>White Cedar Shingles</b>	
XXXX, 18 in. . . . .	7.00
Clear butt 18 in. . . . .	6.00
18 in. XX . . . . .	4.00

## QUEBEC

White Pine  
(At Quebec)

	Cts.	Per Cubic Ft.
First class Ottawa waney, 18 in. average according to lineal . .	100	110
19 in. and up average . . . . .	110	120

**Spruce Deals**  
(At Mill)

3 in. unsorted, Quebec, 4 in. to 6 in. wide . . . . .	\$27.00	\$30.00
3 in. unsorted, Quebec, 7 in. to 8 in. wide . . . . .	30.00	32.00
3 in. unsorted, Quebec, 9 in. wide . .	35.00	40.00

**Oak**  
(At Quebec)

	Cts.	Per Cubic Ft.
According to average and quality, 55 ft. cube . . . . .	115	125

**Elm**  
(At Quebec)

According to average and quality, 40 to 45 ft. cube . . . . .	130	140
According to average and quality, 30 to 35 ft. . . . .	100	125

**Export Birch Planks**  
(At Mill)

1 to 4 in thick, per M. ft. . . . .	\$35.00	\$40.00
-------------------------------------	---------	---------

## ST. JOHN, N.B.

(From Yards and Mills—Wholesale)  
**Rough Lumber**

2x3, 2x4, 3x3, 3x4, Rgh. Merch. Spr. .	\$29.00
2x3, 2x4, 3x3, 3x4, Dressed 1 edge . .	30.00
2x6, 2x7, . . . . .	32.00
4x4, 4x6, all rough . . . . .	30.00
2x8, 3x7, 5x5, 6x6, . . . . .	38.00
2x9, 3x8, 6x8, 7x7, . . . . .	40.00
2x10, 3x9, . . . . .	38.00
2x12 and up . . . . .	45.00
Merch. Spr. Bds. Rough, 1x3-4&5 . . .	30.00
Merch., Spr. Bds. Rough, 1x7 & up . .	45.00
Refuse Bds. Deals and Setgs. . . . .	20.00
Above Random lengths up to 18-0 long.	
Lengths 19-0 and up \$5.00 extra per M.	
Laths, \$6.50	

**Shingles**

	Per M.
Cedar, Extras . . . . .	\$6.25
Cedar, Clears . . . . .	5.25
Cedar, 2nd Clears . . . . .	4.25
Cedar, Extra No. 1 . . . . .	2.75
Spruce . . . . .	3.50

## SARNIA, ONT.

**White Pine—Fine, Com. and Better**

1 x 6 and 8 in. . . . .	\$125.00
1 in. 8 in. and up wide . . . . .	145.00
1 1/4 and 1 1/2 in. and up wide . . . .	185.00
2 in. and up wide . . . . .	185.00

**Cuts and Better**

4/4 x 8 and up No. 1 and better . . .	140.00
5/4 and 6/4 and up No. 1 and better .	156.00
8/4 and 8 and up No. 1 and better . .	156.00

**No. 1 Cuts**

1 in. 8 in. and up wide . . . . .	125.00
1 1/4 in. 8 in. and up wide . . . . .	130.00
1 1/2 in. 8 in. and up wide . . . . .	130.00
2 in. 8 in. and up wide . . . . .	135.00
2 1/2 in. and 3 in. 8 in. and up wide..	180.00
4 in. 8 in. and up wide . . . . .	190.00

**No. 1 Barn**

1 in., 10 to 16 ft. long . . . . .	\$ 75.00	\$ 85.00
1 1/4, 1 1/2 and 2 in., 10/16 ft. . . . .	80.00	85.00
2 1/2 to 3 in., 10/16 ft. . . . .	85.00	100.00

**No. 2 Barn**

1 in., 10 to 16 ft. long . . . . .	65.00	75.00
1 1/4, 1 1/2 and 2 in., 10/16 ft. . . . .	66.00	
2 1/2, 1 1/2 and 3 in. . . . .	85.00	

**No. 3 Barn**

1 in., 10 to 16 ft. long . . . . .	48.00	55.00
1 1/4, 1 1/2 and 2 in., 10/16 ft. . . . .	50.00	56.00

**Box**

1, 1 1/4 and 1 1/2 in., 10/16 ft. . . . .	40.00	45.00
---	-------	-------

**Mill Culls**

Mill Run Culls—	
1 in. 4 in. and up wide, 6/16 ft. . . .	31.00
1 1/4, 1 1/2 and 2 in. . . . .	32.00

## BUFFALO and TONAWANDA

**White Pine**

**Wholesale Selling Price**

Uppers, 4/4 . . . . .	\$225.00
Uppers, 5/4 to 8/4 . . . . .	225.00
Uppers, 10/4 to 12/4 . . . . .	250.00
Selects, 4/4 . . . . .	200.00
Selects, 5/4 to 8/4 . . . . .	200.00
Selects, 10/4 to 12/4 . . . . .	225.00
Fine Common, 4/4 . . . . .	165.00
Fine Common, 5/4 . . . . .	180.00
Fine Common, 6/4 . . . . .	180.00
Fine Common, 8/4 . . . . .	180.00
No. 1 Cuts, 4/4 . . . . .	130.00
No. 1 Cuts, 5/4 . . . . .	140.00
No. 1 Cuts, 6/4 . . . . .	150.00
No. 1 Cuts, 8/4 . . . . .	160.00
No. 2 Cuts, 4/4 . . . . .	77.00
No. 2 Cuts, 5/4 . . . . .	107.00
No. 2 Cuts, 6/4 . . . . .	107.00
No. 2 Cuts, 8/4 . . . . .	122.00
No. 3 Cuts, 5/4 . . . . .	65.00
No. 3 Cuts, 6/4 . . . . .	75.00
No. 3 Cuts, 8/4 . . . . .	75.00
Dressing 4/4 . . . . .	85.00
Dressing, 4/4 x 10 . . . . .	88.00
Dressing, 4/4 x 12 . . . . .	105.00
No. 1 Moulding, 5/4 . . . . .	155.00
No. 1 Moulding 6/4 . . . . .	155.00
No. 1 Moulding 8/4 . . . . .	160.00
No. 2 Moulding, 5/4 . . . . .	125.00
No. 2 Moulding, 6/4 . . . . .	125.00
No. 2 Moulding, 8/4 . . . . .	130.00
No. 1 Barn, 1 x 12 . . . . .	95.00
No. 1 Barn, 1 x 6 and 8 . . . . .	77.00
No. 1 Barn, 1 x 10 . . . . .	85.00
No. 2 Barn, 1 x 6 and 8 . . . . .	65.00
No. 2 Barn, 1 x 10 . . . . .	66.00
No. 2 Barn, 1 x 12 . . . . .	79.00
No. 3 Barn, 1 x 6 and 8 . . . . .	52.00
No. 3 Barn, 1 x 10 . . . . .	54.00
No. 3 Barn, 1 x 12 . . . . .	57.00
No. 1 Box 1 x 6 and 8 . . . . .	45.00
No. 1 Box 1 x 10 . . . . .	46.00
No. 1 Box 1 x 12 . . . . .	48.00
No. 1 Box 1 x 13 and up . . . . .	49.00

## BUFFALO

The following quotations on hardwoods represent the jobber buying price at Buffalo and Tonawanda.

**Sap Birch**

1 in . . . . .	\$ 90.00	\$ 55.00	\$ 32.00
5/4 and up . . . . .	100.00	58.00	32.00

**Maple**

	1s & 2s	No. 1 Com.	No. 2 Com.
1 in. . . . .	\$ 95.00	\$ 58.00	\$ 32.00
5/4 to 8/4 . . . . .	105.00	63.00	35.00
10/4 to 4 in. . . . .	110.00	70.00	35.00

**Soft Elm**

1 in. . . . .	70.00	45.00	30.00
5/4 to 2 in. . . . .	75.00	50.00	30.00

**Red Birch**

1 in. . . . .	120.00	75.00	
5/4 and up . . . . .	125.00	80.00	

**Basswood**

1 in. . . . .	\$ 80.00	\$ 52.00	\$ 32.00
5/4 to 2 in. . . . .	88.00	58.00	32.00

**Plain Oak**

1 in. . . . .	105.00	65.00	35.00
5/4 to 2 in. . . . .	115.00	70.00	38.00

**White Ash**

1 in. . . . .	95.00	60.00	35.00
5/4 to 2 in. . . . .	105.00	70.00	35.00
10/4 and up . . . . .	120.00	95.00	35.00

## BOSTON

Quotations given below are for highest grades of Michigan and Canadian White Pine and Eastern Canadian Spruce as required in the New England market in car loads.

White Pine Uppers, 1 in. . . . .	\$233.00
White Pine Uppers . . . . .	233.00
White Pine Uppers, 10/4 to 12/4 . .	258.00
Selects, 1 in. . . . .	208.00
Selects, 1 1/4 to 2 in. . . . .	208.00
Selects, 2 1/2, 3 in. . . . .	243.00
Fine Common, 1 in. 20% 12 in. and up	188.00
Fine Common, 1 x 8 and up . . . . .	183.00
Fine Common, 1 1/4 to 2 in. . . . .	193.00
Fine Common, 2 1/2 to 3 in. . . . .	233.00
Fine Common, 4 in. . . . .	258.00
1 in. Shaky Clear . . . . .	120.00
1 1/4 in. to 2 in. Shaky Clear . . . . .	130.00
1 in. No. 2 Dressing . . . . .	90.00
1 1/4 in. to 2 in. No. 2 Dressing . . . .	100.00
No. 1 Cuts 1 in. . . . .	148.00
No. 1 Cuts, 1 1/4 to 2 in. . . . .	163.00
No. 1 Cuts, 2 1/2 to 3 in. . . . .	193.00
No. 2 Cuts, 1 in. . . . .	95.00
No. 2 Cuts, 1 1/4 to 2 in. . . . .	135.00
Barn Boards, No. 1, 1 x 12 . . . . .	105.00
Barn Boards, No. 1, 1 x 10 . . . . .	95.00
Barn Boards, No. 1, 1 x 8 . . . . .	91.00
Barn Boards, No. 2, 1 x 12 . . . . .	90.00
Barn Boards, No. 2, 1 x 8 . . . . .	78.00
Barn Boards, No. 2, 1 x 10 . . . . .	79.00
Barn Boards, No. 3, 1 x 12 . . . . .	67.00
Barn Boards, No. 3, 1 x 10 . . . . .	64.00
Barn Boards, No. 3, 1 x 8 . . . . .	62.00

**No. 1 Clear**

Can. Spruce, No. 1 and clear, 1 x 4 to 9"	\$85.00
Can. Spruce, 1 x 10 in. . . . .	88.00
Can. Spruce, No. 1, 1 x 4 to 7 in. . .	86.00
Can. Spruce, No. 1, 1 x 8 and 9 in. . .	88.00
Can. Spruce, No. 1, 1 x 10 in. . . . .	90.00
Can. Spruce, No. 2, 1 x 4 and 5 in. . .	40.00
Can. Spruce, No. 2, 1 x 6 and 7 in. . .	42.00
Can. Spruce, No. 2, 1 x 8 and 9 in. . .	45.00
Can. Spruce, No. 2, 1 x 10 in. . . . .	46.00
Can. Spruce, No. 2, 1 x 12 in. . . . .	48.00

**Spruce Dimension**

8" & under 20' & under . . . . .	\$48.00 to \$50.00 base
9" & under 20' & under . . . . .	49.00 to 51.00
10" & under 20' & under . . . . .	50.00 to 52.00
12" & under 20' & under . . . . .	54.00

**Merchantable Spruce**

2 x 3, 4, 6 and 7 random . . . . .	\$38.00 to \$42.00
2 x 8 and 9 random . . . . .	45.00 to 48.00
2 x 10 random . . . . .	47.00 to 50.00
2 x 12 random . . . . .	49.00 to 52.00
All other random lengths, 7 in. and under 8 ft. and up . . . . .	
5 in. and up merchantable boards, 8 ft. and up, D 1s . . . . .	38.00
1 x 2 . . . . .	40.00
1 x 3 . . . . .	38.00
1 1/2 in. Spruce Lath . . . . .	8.00
Hemlock Boards P 1s No. 1 . . . . .	
Clipped Lengths . . . . .	40.00
Hemlock Boards, P 1s No. 1 . . . . .	
Random Lengths . . . . .	37.00



## Lumber Trade Conditions

(Continued from page 53)

closely the world's political game ever since the signing of the Armistice in 1918. The noncompromising note of Lord Curzon to Soviet Russia and the attitude of the latter, notwithstanding the control by Germany, has, without doubt, influenced the Turks to lessen their aggressive attitude and give hopes of an adjustment of the difficulty in the Near East which is most likely to cause the German government to formulate a proposal for the settlement of the reparations question which may be accepted, that will end all difficulties and assure peace and resumption of the world's commerce, industry and an adjustment of exchange.

The British importers of timber are quick to grasp the change progressing in the European field of politics, and, in consequence, advancing their quotations, although price-cutting was complained of in the month of May, especially in regard to sales on c. i. f. terms, of this season's early purchases. With the possibility of an early settlement of the Near East question and the Ruhr difficulty, they look forward to a stiffening of prices. British brokers are optimistic these days, reports the Canadian agents in their latest cable communications, after receiving revised price lists from stockholders, and although the advanced prices are calculated to restrict business to some little extent, the figures are more than justified when they are compared with the cost of landing in 1923.

The British importers maintain that they have a rising market for the past year, but trade, they say, has been slow and it has never been possible for them to obtain from their customers prices equivalent to those at which they themselves were purchasing their fresh supplies.

An encouraging feature for the trade lies in the fact that Belgium and France are in the market to purchase wood and that the rebellion in Ireland is practically at an end. In the course of a few months it is expected that there will be a construction boom in Ireland creating a big demand for wood which will tend to benefit the Canadian trade. Ireland is rather active in buying, and the market in the latter part of May was more pronounced in agency than in importing circles.

In spite of the rumors of financial troubles and possible political conflicts and reports of a huge Russian outbreak, business has increased from an importer's point of view and the level of prices has been absolutely firm. There is an advancing tendency in f. o. b. figures as well as a distinct rise in landed values. The effect is noticeable and many firms, who have been holding off week after week, have come to realize that they cannot defer their operations any longer. They are convinced that by doing so they will not only have to pay more money for spot goods but lose the opportunity of securing early shipments.

On the West coast of England importers are complaining of the moderate demand and of the small contracts they are able to conclude with their inland customers, but at many places on the East Coast and especially in London, trade is more active and merchants are seeking to replenish their stocks with more freedom than has been the case for some months past.

## Montreal Says Orders are Coming in Very Well

The lumber market in Montreal has not changed to any extent during the past fortnight. The buying for American account has not been as pronounced as it was, say six weeks ago, but the orders are still coming in at a good rate. The building situation in the United States has improved somewhat in the matter of labour demands, the men showing a little moderation. Costs, however, are still abnormally high, and if they continue on the present scale, are certain to result in a very large amount of work being abandoned or postponed.

Taking the position as a whole, there is a very satisfactory demand for lumber for industrial and construction purposes. Retailers are not inclined to purchase beyond their immediate needs, holding that it is a safer policy to buy what they want rather than risk stocking up at values which may decline in a month or two.

The Montreal building situation is one of great promise. The permits for last month amounted to \$3,524,825, bringing the total for the five months of the year to \$12,550,292, compared with \$6,583,797 for the same period last year.

The wood working plants of the city have a large amount of work in hand, some of it for points outside the city.

The lath market is not as active as of late, and the price is weaker.

There have been further developments in the British Columbia timber trade via the Panama Canal. A very large consignment has arrived at the port, shipped by Knox Bros. Ltd., of Montreal & Vancouver, to the British Empire Lumber Corporation, Montreal. Other vessels will follow, and it is expected that about forty million feet will be shipped during the season.

The exports of pulpwood continue to increase. In April they totalled 74,438 cords valued at \$650,175 compared with exports in

April 1922, of 49,076 cords valued at \$476,344. Commenting on the proposed Government inquiry into the prohibition of the export of pulpwood, a Montreal dealer declares that should such a measure be passed, it will mean that the Canadian pulp and paper companies will be able to force down prices, because there would be practically no competition for the wood. The American market would be shut off, and dealers would be compelled to accept the prices offered by Canadian buyers.

## Trade in Ontario Has Declined Somewhat

The first two weeks in June were marked by a quieter state of trade than the corresponding weeks in May. Buyers are adopting a conservative attitude and purchasing only such materials as are called for to meet immediate demand. Prices on all lines remain firm and there is no disposition as yet to discount the future by sacrifice quotations.

Dry stocks will be coming on the market next month but it is not believed by those, who have given the situation close attention that there will be any serious disturbance in prices. It is felt that values are now on a steady, normal basis, and if there is any drop, it will be on the part of the millmen who have been getting an unusually high figure for their cut, or by wholesalers desiring to unload. Those firms who have already disposed of their offerings at an advance over last year, are certainly fortunate.

Another thing that might be pointed out is that the mills have got off to a rather late start this year, and there will not be as much lumber produced as was expected at the beginning of the season.

Price tendencies on one or two lines have been downwards although more decisive than during the past few weeks since a lull in the market developed. The demand for yellow pine, always a factor in the Canadian market in competition with hemlock, spruce and jack pine, has dropped appreciably. Several yellow pine manufacturers have made radical cuts in order to get rid of stock. A bulletin, issued by the Southern Pine Association, covering a recent week, shows that orders have dropped to 60 per cent. of normal but production is around 90 per cent.

Another factor across the border, and one which has its reflex action on the Ontario market, is that the abnormal building programme has been considerably curtailed owing to the increase in the price of raw materials and the constant calls on the part of skilled labor, already earning \$10 to \$15 a day, for higher wages. Many plans for large structures have been scaled down and contracts for other huge undertakings have been held in abeyance.

So far as Ontario is concerned, building in the larger cities continues on a satisfactory basis. Trade unions are more reasonable on this side of the line and many skilled artisans, who went across the border for immediate employment at exalted pay, are now returning and will relieve the shortage which has existed at home for several months.

So far as the retail yards are concerned, they are pretty well stocked up and no very great change is anticipated until the dealers begin to place orders in anticipation of the after-harvest trade. The buying of the individual yards in the country districts is limited to essentials. The harvest outlook is, however, very bright and there is every indication of a splendid crop which should serve to put the yeomen in a good mood.

The turnover in hemlock and white pine is very good on the whole so millmen report, and for No. 2 white pine culls there has been a lively demand. Spruce is still strong and active.

The lath situation is not quite as firm as it was a few weeks ago but prices on the whole are fairly firm. The market has broken in the East but in Ontario the call for white pine lath is steady with quotations slightly lower than a month ago. The lath departments of the big mills are now turning out stock sufficient to meet any emergency.

In hardwoods, the situation has slowed down somewhat and the purchasing agents of large concerns have instituted what some call a "buyers' strike," that is, a movement against the higher prices. The term is somewhat of a misnomer but it sounds well, and, in the meantime, is doing duty night and day. Canadian exporters report that they will be kept busy for some weeks yet making shipments on orders already placed, and that, in the meantime, considerable business is likely to filter through. Firsts and seconds in birch and maple are rather slow and the call is for selects, No. 1 and No. 2 common. An improvement is also reported in the demand for the lower ends. The scarcity of dry stocks at the mills creates a situation that requires but little added demand to hold the market firm. Across the border, prices have declined somewhat and competition continues keen for business.

So far as Ontario is concerned, it is not expected that there will be any unusual activity in the lumber arena until after the summer holidays which are now near at hand. Of course, there is always a



movement of a certain number of cars but some concerns, which are heavily loaded with stock, are reported to be rather anxious to get rid of it at a figure which will justify a clean break. Others, however, have abundant faith and are holding on, believing that the present is only a temporary period of uncertainty and that conditions will right themselves in the near future.

One of the leading authorities who specializes in forecasts, says: "In the last six or seven weeks there has undoubtedly been a lull in activity on the part of producers and distributors, but not of consumers. Evidence of this is to be found in the fact that primary activity and volume of orders has been declining, while car loadings, and retail sales figures, allowing for seasonal influences, are making new records. The conditions under which the so-called 'buyers' strike" of 1920 occurred are reversed. In the former case it was the producer and distributor who had unbounded enthusiasm, and the consumer who was growing cautious. Today it is the producer and distributor who are having the chills, while the volume of consumption continues to increase at a steady orderly pace.

"Fundamentally, however, there is absolutely no basis to warrant the expectation of a falling off in consumer buying before the beginning of 1924 at least. The present volume of buying is influenced by seasonal conditions, and seasonal influences will augment it in the fall and early winter. The present ratio of production to consumption is certain at the beginning of active seasonal consumer buying to find but little reserves in the shape of inventories, and it seems inevitable under present conditions that there will be a shortage of finished goods in the fall. As a result of present conditions we believe that the summer months will probably witness a slowly sagging primary and secondary markets, but that the last quarter of the year will be a period of active pressure upon producing centers, with fairly rapid price increase based on the necessity of middlemen to increase stocks in the face of low reserves."

#### Building Likely to Continue Many Months

Building construction throughout Canada is now showing greater activity than at any time since the boom days of a decade ago. Contracts actually awarded during the first five months of this year, according to MacLean Building Reports, Limited, amount to \$114,648,400, compared with \$96,831,600 in 1922, and \$85,326,700 in 1921. Ontario leads with a total of \$62,871,900; Quebec second with \$32,795,000; the Western Provinces, \$16,337,500, and the Maritimes, \$2,644,000. Building in Quebec shows marked activity, Ontario and British Columbia are ahead of last year, while the Prairies and Maritimes seem to languish.

During May, construction contracts awarded in Canada amounted to \$40,697,200, compared with \$34,827,300 a year ago. This is the largest May total since 1913. Residential building accounted for 36.6% of the May total and amounted to \$14,897,100. Business building amounted to \$8,555,000, 21.1%; industrial buildings, \$3,763,700, or 9.2%; public works and utilities, \$13,481,400, or 33.1%. The value of contemplated new work reported during May was \$51,550,400.

The recent accelerated pace of building construction is natural and logical. The shortage of building during the war and post-war period is now being made up. In addition there is a well-defined movement of city-dwellers towards the suburbs. With these two influences operating together, it is not surprising that there has been such a tremendous demand for new construction.

Building on the outskirts of Montreal, Vancouver and many cities in Ontario continues very active. Most of the suburban building is residential—moderate-priced homes for owners' occupation. The increasing popularity of the automobile has caused a pronounced trend toward the suburbs which far-seeing men believe is only begun. It is apparent that it will take a good many years to satisfy the present potential demand for suburban dwellings. It would seem that the present prosperity in the building field is sound in nature and will endure over a considerable period—not at the present rate, but in volume sufficient to satisfy the industry.

Building activity in the United States is being hampered by a rapid and unjustified increase in material and labor costs. By way of contrast, building material prices in Canada have advanced less than 12% from the low of last year. In the main, conditions throughout the Dominion are satisfactory. Industry is extending its operations and showing a gradually widening margin of profit—there is little or no unemployment and a particularly easy money situation prevails.

The head of the firm had caught the office-boy telling lies. "Boy," he said, "do you know what they do with boys who tell lies?"

"Yes, sir," was the reply. "When they are old enough the firm sends them out as travelers."—Tit-Bits.

## KEENAN BROTHERS LIMITED OWEN SOUND

We have sold hardwood lumber for 27 years on merit, direct from our office, by phone, letter or wire.

We can continue to give better value by continuing to do so.

**We have 6,000,000 ft. to select from**  
**Your Inquiries Will be Appreciated**

*The  
manufacturer  
who makes the  
article is  
helpless without  
the merchant  
who  
makes the market*

Reach your market through  
"Canada Lumberman"

## CLIMAX GEARED LOCOMOTIVES ARE BUILT FROM 12 TO 90 TONS



CLIMAX MANUFACTURING Co., CORRY, PA.  
CLIMAX LOCOMOTIVE CO., 67 COLUMBIA ST., SEATTLE, WASH.  
VANCOUVER MACHINERY DEPOT, LTD., VANCOUVER, B.C.





View of Mills in Sarnia

## ***“On Time” Delivery***

Getting the goods delivered ON TIME is just as important as being able to produce them—and we make a specialty of both. Ask any retailer or woodworking establishment who has been using our A 1 NORWAY or WHITE PINE LUMBER.

We also make a specialty of heavy timbers, cut to order any length up to 60 feet from Pine or B.C. Fir. Quotations will be gladly forwarded upon request.

***“Rush Orders Rushed”***

# **Cleveland-Sarnia Sawmills Co., Limited**

**SARNIA, ONTARIO**

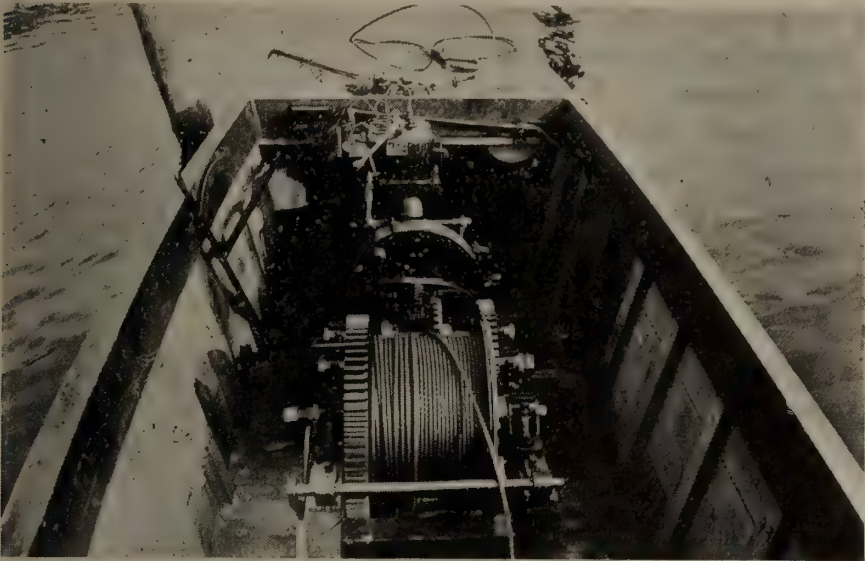
B. P. BOLE, Pres.   F. H. GOFF, Vice-Pres.   E. C. BARRE, Gen. Mgr.   W. A. SAURWEIN, Ass't. Mgr.



### Power Winch Boat Plant is Rushed

The Shelvin-Clarke Co., Fort Frances; the A. M. Shaw Lumber Co., Fort Frances; the Abitibi Transportation & Navigation Co., Iroquois Falls; the Spruce Falls Co., Kapuskasing; D. A. Clark, of Port Arthur; White & Plant, Sudbury; and other well-known firms have recently purchased from Russel Bros., of Fort Frances, new power winch boats and large, double drum, motor head-works.

Russel Bros. report that there is a lively demand for this equipment at the present time. R. J. Russel, who has been touring the East for some months calling on lumber and pulp manufacturers, had a most successful trip. He secured several orders for the newest



Power Winch Boat with large double drum motor head-works

build of power winch boats which craft is light enough to portage on a tote sleigh, and powerful enough to portage itself.

These boats are the latest addition to the motor head works line of the firm, and have a strongly constructed hull equipped with 14 h.p., 2-cylinder, 4-cycle, heavy duty engine and a single flywheel. The boats are equipped with 1500 feet of 7/26 steel cable and a 200 lb. anchor. They will warp about a million feet of logs or 1000 cords of pulpwood. The speed on the propeller is from seven to eight miles an hour.

Very popular are these powerful craft, especially around the mill pond and for rearing purposes, being of sturdy build, light draught and heavy power. The plant of the company at Fort Frances is kept busy night and day filling orders for several representative organizations in the forest products arena.

### Rain Saved the Timber From Destruction

Two thousand men from the Department of Lands and Forests were engaged lately in fighting forest fires in New Ontario. In the White River district the flames were very threatening but a change in the wind and the coming of showers averted a crisis. It is believed that the fires were originally railway clearing fires which were enabled to spread because of the dry spring.

The Department of Lands and Forests sent in 25 portable fire-fighting units which can be carried by two men, and they were reported to be doing good work. These units are operated by gas engines and each has attached to it 1000 feet of 2-inch hose. The Canadian Pacific Railway issued orders that employees of the road should help whenever possible in fighting the flames.

E. J. Zavitz, chief forester of Ontario, stated that each spring between the run-off and the growth of new vegetation, there was always considerable fire hazard. This year, since the snow melted, the cold weather had prevented green growth appearing, and in addition in the White River district there had been since the snow left a rainfall of only 1/10 inch. Had the spring rains fallen, the present fires would not have occurred, he declared.

### Better Demand for Cooperage Stocks

Sutherland-Innes Co., Limited, of Chatham, Ont., say they are only running four plants at the present time in the making of staves, hoops and heading. They carried over considerable stock from last season, which was a quiet one in business, and are exporting more stock this year than they have had for some time past; in fact ever since the beginning of the war.

Mr. Innes says that unfortunately for export to the Old Country his firm have to ship all their stock through southern ports as Mon-

trepreneurial rates of freight are 40 per cent. higher than from U. S. ports. Practically all the steamers from Montreal, he declares, are in the conference and trying to squeeze out all the traffic can stand.

The cooperage trade is considered better this year than it was last. Prices of hardwood lumber are finer and cooperage stock quotations are a little better. The demand is increasing and it looks as if there will be a clean-up of all stocks carried over from last year and also the stocks made this year, before the end of the season. Mr. Innes reports that there are prospects for a good apple crop, and if this materializes apple barrels will consume a large quantity of stock. There is, therefore, considerable improvement in the cooperage line as well as in the hardwood lumber arena.

"Hardwoods are getting scarcer all the time and higher figures will have to be obtained for hardwood lumber and cooperage stock or manufacturers cannot further make it," concluded Mr. Innes.

### Getting Ready for Forestry Conference

Local committees are being appointed to make arrangements for the entertainment and reception of the members of the Imperial Forestry Conference during their tour of Canada after the termination of the meetings in Ottawa. Brigadier General J. B. White, of the Riordon Company, and Edward Beck, secretary of the Canadian Pulp & Paper Association, form the committee for Montreal, the delegates being expected to visit the city on July 26th.

The programme will include an inspection of the Forest Products Laboratories, a luncheon and a tour of the city. The delegates will then leave for Grand Mere and other parts of the province, going as far as Chicoutimi. G. C. Piche is on the committee for the city of Quebec. The Provincial Government has contributed \$7,000 towards the general expenses of the conference.

### French Cut Forests Ancestors Planted

By a strange trick of fate the French are now cutting down a forest in the Rhineland which was planted more than a century ago by their ancestors. When during the revolution the Rhine provinces were occupied by French armies they cut down the timber in the privately owned forests of Hansrueck, Eifel and Haardt which later became a part of the Reich's holdings.

The French on taking possession of the left bank of the Rhine found it necessary to replant these devastated areas and imported large quantities of Norwegian pines and similar trees from Savoy and the Pyrenees. Before the world war the Germans considered cutting down these trees planted by the French, but the forestry experts advised waiting until 1920, when they would be fully matured. According to the best estimates this delay cost the German empire at least 500,000,000 francs.

### The Final Whitewood Operation

(Continued from page 36)

He has bought up many farms in the neighborhood of Dutton, Ekfrid, Glencoe, Aylmer, Shedden, and other places and, after putting in his own men and taking the timber off, has disposed of the land to good advantage, thus converting wooded areas into flourishing farms.

Through the co-operation of Mr. Oldrieve, of St. Thomas, the "Canada Lumberman" had a sample of whitewood sent to the Forest Products Laboratory of Canada, of which Wm. Kynoch is superintendent, and J. D. Hale in charge of the Division of Timber Physics. The report of the latter is that the specimen is identified as *Liriodendron Tulipifera* L. The wood is known commercially as yellow poplar, tulip poplar, whitewood and sometimes is referred to carelessly as poplar, although not closely related to that group.

In a letter to the "Canada Lumberman" on the report of identification, Superintendent Kynoch says:—"This wood is known commercially as yellow poplar—or whitewood—and is one of the most important North American hardwoods. The tree grows on rich soil and its northern limit of range is from inland Massachusetts through southern Ontario to Wisconsin from which it extends south as a tree of the Appalachian hardwood forest type. The commercial range is now confined to the United States where the tree not infrequently grows 120 feet high with a diameter of 7 or 8 feet. It is one of the best species to plant for reinforcing the wood lot or for shade and roadside planting where conditions are not too severe.

"Although the wood's resistance to decay is not too great, its qualities of freedom from warping, evenness of texture and ease in working, make it important in nearly every wood-using industry. It is unexcelled for cores and crossbanding and—as you noted—for drawers, etc.



# What Does It Cost to Provision Your Camp?

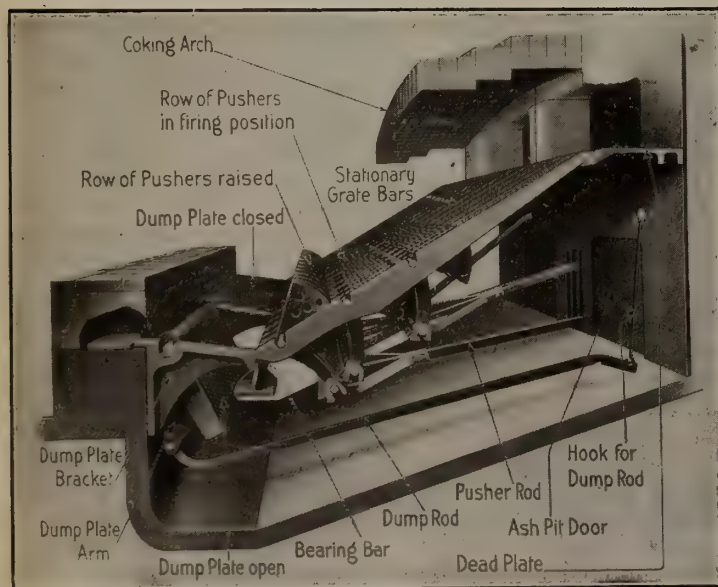
The economical provisioning of a camp or boarding-house requires much experience on the part of the operator and the provisioning house. For many years, we have specialized in this work and have been rewarded by the steady patronage of many lumbermen who have the largest camps. Because we are wholesale grocers on a big scale, our customers are able to buy at the best prices.

Let us quote on your requirements in Tea, Coffee, Figs, Prunes, Pickles, Peas, Beans, Raisins, Molasses, Sugar, Canned Goods, Etc.

## H. P. ECKARDT & CO.

Church St. and Esplanade, Toronto

**Pusher rods keep the fuel marching down the grates to perfect combustion, without avalanching**  
**- - - - The National Hand Fired Stoker - - - -**



The National Stoker burns wood waste without expert firing. No careful spreading or placing is required. The downward sloping grates do away with the great labor of handling a big pile of refuse on horizontal grates. Dust and shavings can be blown in, while sticks or slabs may be passed through the fire door as usual. As the fuel is consumed the ashes are worked down towards the dump plate by levers operating pusher rods, from the front of the furnace. While the fuel moves down the grates under the hot arch it is consumed completely, no fuel being carried over the bridge wall into the combustion chamber, thus ensuring practically no smoke.

**The National Stoker is very popular in wood working plants and mills.**  
**Let us send you an illustrated, descriptive booklet.**

**Engineering & Machine Works of Canada, Limited**  
**ST. CATHARINES, ONTARIO**

*Eastern Sales Offices:*  
*Hall Machinery Co., Sherbrooke, Que., and Birks Bldg., Montreal*



## Protecting Forest Resources of Quebec

The Quebec Department of Lands and Forests have perfected a system organization to protect the forest resources of the province from devastation by fire this spring and summer. The chief forest ranger of the province, G. C. Piche, has for the past several years been working on a plan to put an end to forest destruction by fire or, at least, confine it to a minimum in comparison with former years. He has been in consultation with all Canadian departments of forest lands in connection with the provinces of Ontario, New Brunswick and Nova Scotia, together with the forest superintendents of the States of Maine, Vermont and New Hampshire, with the result that these interests have come together and formulated a well-studied, concrete plan to protect their respective province and state forest resources from fire. Mr. Piche did not rest his efforts here; he also took up the question of protection with the various big limit holders' organizations in the province who have their own forest ranger service and protection against fire. The result is that there is now perfect co-operation and co-ordinization of all these interests mentioned to pay special protection against a repetition of the dire destruction of Canada's valuable woodlands by fire.

Discussing the great need of protection of the forest resources of the country against the continued menace by fire, G. C. Piche, superintendent of the Forestry Branch of the Quebec Department of Lands and Forests, said the time was past to trust to chances, and now the various provinces of the Dominion of Canada, in co-operation with the Forestry Service of the New England States, would use every means on a scientific and commonsense basis to protect the valuable woodlands. He said the Quebec Forestry Branch of the Department of Lands and Forests, presided over by Hon. Honore Mercier will this summer employ 1500 forest rangers, 200 more than last year, and greater attention will be paid to the protection against fire on the North shore of the St. Lawrence, especially in the upper levels of the forest ranges, where so many conflagrations with appalling results took place last year.

Statistics carefully compiled by the Quebec Land and Forest Department show conclusively that twenty-five per cent. of the forest fires are due to the carelessness of the fishermen, campers, hunters and persons who make fires and smoke in the woods. This would mean that in the seasons of 1921-22, due to careless persons in the woods, there were 285,000 acres of Quebec forests destroyed by fire, entailing a loss which runs into millions of dollars. To put an end to this continued destruction, the Department intends increasing its staff of forest fire protection service, and will, through the publicity office, distribute throughout the province 70,000 cotton and fibre cotton posters, 25,000 calendars with scenes and texts dealing with protection education, as well as 375,000 picture cards with reading matter on forest protection to be distributed among children attending schools in the rural districts.

The rapid disappearance of the timber supply in Europe, as well as the United States, is the cause of much concern these days, and arousing the serious attention of forestry experts and governments in the interest of future generations. It is recognized that many difficulties will have to be overcome whether or not the immediate need is pressing. It must be borne in mind that silviculture is not like agriculture or tilling the soil, which yields a crop the same year but is paying a debt to the future for the lavish extravagance of the past century. The need for timber is as pressing as the need for food, and it is feared that the losses we are experiencing these days will not be properly heeded.

The seriousness of the question of reforestation can be grasped when it is realized that the Canadian pulp and paper mills use, approximately, 1,712,250 cords of pulpwood, representing the growth of a century on 342,550 acres, besides the yearly average export of a million cords of wood to the United States in the shape of logs which disabuses the optimistic mind that Canada's pulpwood resources are limitless. For some years past considerable talk has been heard about reforestation but beyond research and experiment, little practical work has been done.

The Quebec provincial government, in view of the critical situation brought on by leaps and bounds in the increase of operators every year in the woodlands, especially in regard to pulpwood as well as timber supplies, have adopted measures requiring limit holders to make an inventory of the forest areas in which they are operating and make a working plan of their proposed annual cut. It is shown how the necessity of these measures has been recognized by the limit holders by their assent. These inventories, to be practical, must be taken periodically as the condition of the forests may undergo changes in the aspect of values each season through the advent of forest fires. Besides, this work will, undoubtedly, entail expense and labor on the limit holders.

G. C. Piche, superintendent of the Forestry Service, referring to the new regulations, expresses his pleasure that several big lumber companies and pulp and paper mill interests have started technical

studies to meet the new government regulations and that the department has received a working plan covering over 3,000 miles of forest area representing one-fifteenth of the total area under license. According to the new regulations, the companies each year will have to submit a logging plan to be checked on the ground and modified when advisable by the forest engineers of the Department of Lands and Forests and of the companies travelling and working conjointly, which will employ a large staff of technical engineers. By the new regulations the limit holders will equally benefit with the province by the system as it assures them an unexhausted source of supply though the annual cost of their operations will be increased.

## Death of Provincial Health Inspector

Many friends in the lumber industry will learn with regret of the death of Dr. R. W. Bell, Provincial Medical Inspector of Health, who passed away at his home, 350 Davenport Road, Toronto, on June 8th from an attack of heart trouble.

Dr. Bell was 72 years of age, and previous to coming to Toronto practiced his profession nearly a quarter of a century in Peterboro where he was a leading citizen. For many years he had charge of the inspection work in connection with the lumber, pulpwood and mining camps and came in contact with lumbermen in all parts of the province. He enjoyed the esteem and confidence of camp operators and loggers in all sections of Ontario.

Dr. Bell, who was a Fenian Raid veteran and prominent in military affairs, is survived by his two sons. His wife predeceased him two years.

## Acting versus Fiddling

By Fred Brown.

Canada's production of lumber is about five billion feet b.m., and the consumption of pulpwood at present is 3,350,000 cords. Within a few years this amount of lumber and pulpwood consumed will be doubled. To supply this amount of lumber and pulpwood nearly 6,000,000 acres of forests will be cut over per year. Nature, unaided, will take care partially of reforestation and will produce in Northern and Western Ontario approximately 5000 board feet of lumber per acre every 100 years. That this amount can be increased from five to ten times by proper management cannot be doubted. The question is not: How soon are we going to plant or How are we going to plant? The question is: How can we get the most usable wood per dollar spent and in the shortest possible time. It is goodbye 250 year old white pine giants. Trees that cut out 22 in. to 24 in. factory stuff are getting rare, and young stuff 100 years old, and in a pinch 80 year old stuff will take its place. It means that a few years from now only about 5 per cent. of a carload will be 12-in. stuff.

For a dollar well spent in fire protection, more trees can be planted (natural seedlings and sprouts) than with nursery stock and hand planting. As I see the whole thing to-day, real protection is the biggest job by far. With real protection, available and assured, I imagine we will develop planting work enormously but not suddenly. There is not going to be money enough to plant any big areas very fast (say 5,000,000 acres a year, as bad as we need it and more too). Hardly any use to plant it. And we will get more wood per acre and year and dollar by working with our wild stuff, poor as it may be, for a long time to come and by all past standards. It will be too poor and too little of it at best. As that becomes evident we shall plant more and more, no doubt.

Forest investments are uncertain on account of the risk of fire and other losses. Combined with a comparatively low rate of interest and the long time required before the investment yields any returns, it is a certainty that private capital will not embark on investments of this kind unless conditions are changed for the better. The history of the Mediterranean countries and also of England and Ireland seems to prove that the gap in the local timber supply is never filled by private enterprise, in spite of the stimulus afforded by the high prices of wood goods. The dislike of the present generation to carry a heavy burden for the benefit merely of succeeding generations must be overcome, if Canada is to exist as a nation.

There are two courses open to a far-sighted government taking its duties and its mandate from the people seriously:

1. Offer such inducements to lessee and various owners as will induce them to practise forestry of a desirable type.
2. To reforest cut-over land and afforest forest land on public account and to undertake forestry socialistically on the people's account.





## SPRUCE, rough or dressed LATH AND SHINGLES

*We have facilities for kiln drying*

### THE EAGLE LUMBER CO. LIMITED

Head Office: 90 St. James Street, Montreal, Que.  
Mills at Mont Laurier, Que.; Hebert, Que.; Ste. Marguerite, Que.;  
and Nottaway, Que. Dressing mill at St. Jerome, Que.

Northern Office:  
MIDLAND, ONT.

Southern Office:  
HATTISBURG, MISS.

## Herman H. Hettler Lumber Co.

2601 Elston Avenue, CHICAGO, ILL.

Manufacturers and Dealer

## White Pine, Red Pine and Yellow Pine Lumber and Lath

Excellent Planing Mill Facilities. Prompt Shipments

Crating

Cedar Shingles

## Everything in Spruce

FLOORING  
SIDING  
ROUGH DIMENSION  
LATH

## Campbell, MacLaurin Lumber Co.

Limited

MONTREAL  
Board of Trade  
Building

TORONTO: 1 Vermont Ave.,  
C. W. McCabe, Ont. Representative  
Phone Hilcrest 6539F

## E. H. LEMAY

*Wholesale dealer in*

### PINE AND HARDWOOD LUMBER

*Dimension Timber cut to order for*

RAILROADS, CAR STOCK, BRIDGES AND  
FACTORIES

*Car Sheeting a Specialty - Laths and Shingles*

Hochelaga Bank Bldg., 112 S. James St., Montreal

Tel. Main 2712

# Edgings

The Pacific Coast Cedar Pole Association has been dissolved.

The Wolfe River Pulp & Paper Co., Limited, of Montreal, have gone into liquidation.

J. P. Dupuis, Limited, Montreal, have received the contract for the millwork of the new Kenogami mill of Price Brothers, Quebec.

Mark Rogers, of Parry Sound, Ont., spent a few days in Toronto lately on business and called upon several members of the trade.

The Nova Scotia Provincial Government has arranged with the Canadian Forestry Association to have its exhibit car go through the province during the present month.

Plans are being prepared for the erection of a large newsprint mill by Backus-Brooks Co., International Falls, Minn., at Kenora, Ont.

C. L. Reed who for some time has been with the Central Canada Lumber Co. has become identified with the sales force of the Elgie & Jarvis Lumber Co., Toronto.

W. W. Hamrick, vice-president of the Warn-Hamrick Co., Cincinnati, Ohio, was a recent caller upon the lumber trade in Toronto.

The Bridgewater Lumber Co., of Quebec City, are installing an exhaust system for the collection of shavings and sawdust supplied by the Anderson-Barwick Co., of Montreal.

The St. John Dry Dock and Shipbuilding Co., East St. John, N.B., have awarded contracts for the erection of an office and fabrication shop. The latter will be 200 x 200 feet and one storey high.

Foundations are going in for the new groundwood pulp mill of the Bridgewater Lumber Co., 56 St. Peter St., Quebec, P.Q., at St. Foy, P.Q. The new building will cost about \$100,000.

Work is about to start on six miles of logging railway at a cost of \$60,000 for the Merrill & Ring Lumber Co. at Van Anda, B.C., on the Theodosia Arm of the Malaspine Inlet, Victoria Island.

G. Piche, Chief Forester of the Province of Quebec; W. R. Beatty, of the Colonial Lumber Co., Pembroke, and C. Small, Laurentide Co., Grand Mere, were recent visitors to Montreal.

The Canadian Barking Drum Co., of Canada, report that they received some large orders of late for their barking drums, including one from one of the biggest pulp and paper concerns in the Dominion.

Dufour, Limited, St. Moise, district of Rimouski, P.Q., have been granted supplementary letters patent to conduct general lumbering operations, manufacturing and dealing in lumber, pulpwood and paper of all kinds. Capital \$99,900.

Beginning July 16 the Western Retail Lumbermen's Association will commence an enthusiastic fifteen day membership campaign. Lists are being compiled of every retail lumber dealer in Western Canada and all non-members will be solicited.

Thibadeau & Paquet, Limitee, Saint Georges-East, P.Q., were recently granted supplementary letters patent to carry on a business as manufacturers, dealers and exporters in logs, lumber and pulpwood and paper. Capital \$49,000.

The Nashwaak Pulp & Paper Company's pulp mill at St. John, N.B., has been considerably enlarged of late and is now one of the most up-to-date in Canada. The output of bleached sulphite pulp has been increased by 20 tons a day.

The three pulp plants of the Whalen Pulp & Paper Co., in British Columbia are operating on a most satisfactory basis. The market for sulphite pulp in Japan shows a marked improvement and conditions generally in British Columbia are active and the future promising.

The Dominion Engineering Works, Limited, Montreal, are very busy at the present time in all departments and particularly so in its paper-making plant. Large turbines are being built for Price Bros. Co. and the Chicoutimi Pulp Co. A Pope reel for the new 230-inch machine of the Belgo Paper Co., and other large orders have been shipped.

The Power Lumber Co., of Quebec, recently gave a subscription of \$2,000 towards the reconstruction of the Basilica which handsome edifice was destroyed by fire months ago. W. Gerard Power, chairman of the Harbor Commission of Quebec, is head of the Power Lumber Co., which was founded by the late William Power who represented for many years one of the divisions of Quebec.

During the recent warm dry spell a watchman with field glasses was stationed on the waterworks tower of the reforestation plantation at St. Williams in Simcoe County. He was on the lookout for



fires. Although no great loss occurred, many incipient blazes broke out over-running the concessions and underbush and killing many young trees.

Col. J. Lightbody, of the McElroy Lumber Co., Victoria, B.C., who are selling agents for Sidney Mills, Sydney, B.C., was in Toronto, Montreal and other cities recently on business. Greig, Morris Limited, 411 Manning Chambers, Toronto, has been appointed Ontario representatives for Sidney Mills, and the McNeil Lumber Co. Limited, New Birk's Building, Montreal, are the representatives of the firm in the province of Quebec.

The big pulp and paper project of Newfoundland is going ahead and the Premier, Sir Richard Squires, is losing no time in carrying out the proposition which was endorsed recently by the electors. The Newfoundland legislature met on June 6th to pass a bill, confirming the contract entered into between the government and the Armstrong-Whitworth Co. of London, for the building of the mill on the West Coast. The plant will turn out about 400 tons daily.

While further changes are under consideration in connection with the operation of the system of registration for forest travel which went into effect on May 1st in New Brunswick, Hon. C. W. Robinson stated lately that it had been decided to remove the obligation to register from applying to Boy Scouts; scoutmasters, school teachers and pupils when accompanied by teachers and also clergymen.

The various sawmills of Price Bros. & Co., Limited, throughout Quebec started sawing during the last week in May. The firm state that they will have a moderate cut which has practically all been disposed of. The company have also commenced construction work in order to add two more paper machines to their paper mill at Kenogami. Each machine will have a capacity of, approximately, 100 tons per day. They are of the wide variety and when completed will bring the newsprint capacity of the Kenogami plant up to about 500 tons daily.

It is understood that the financing of the Western Quebec Paper Mills, at St. Andrews, Que., is progressing encouragingly. One feature is that bonds are being issued which are guaranteed as to principal through insurance which makes them very attractive from the standpoint of safety. It is expected that preparations for the opening of the plant are progressing but it is not expected that the mills will be running until next October or November.

The Esquimalt & Nanaimo Railway is seeking the right from the Victoria, B.C. City Council to operate permanent trackage across the Victoria West Park to serve lumber mills and other industrial establishments that are and may be established in the future along the west side of the inner harbour. The spur was built some years ago, but is not regarded as permanent. The Moore-Whittington Lumber Company, James Leigh & Sons and other lumber establishments are now making use of the spur.

The number of graduates from the Faculty of Forestry, University of Toronto, was greater this year than in any period since the war. All the members have found permanent positions, mostly with pulp and paper concerns. A number of qualified foresters have been taken over by the Ontario Government and another party has left for the West to do work in the forest reserves for the Dominion Government. Twenty-two undergraduates left recently for Biscotasing to make a forest survey of the Mississauga reserve. They will estimate timber, make maps showing the location of the timber, young growth and burned areas.

Announcement is made that the mill and business of the South Shore Lumber Co. (Ltd.), Vancouver, formerly under the management of S. A. Stuart, have been taken over by a new company, King & Jardine, who are now operating the plant. Frank King, senior member of the new concern, is a veteran of the lumber industry in British Columbia, having been identified for many years with logging as well as lumber and shingle manufacture. W. E. Jardine is a prominent financial man of Vancouver, who has been interested in lumber manufacture. The plant of the South Shore company is on False Creek, in the heart of Vancouver, so it has a large home trade. The new owners propose to engage in foreign shipments also.

Forest fires have been doing a great deal of damage in the province of Quebec. Laurentian lumber camps and mountain homes were recently deserted while thousands of men coming from all sections of the high land were fighting to prevent several forest fires from linking up and forming a conflagration, which would sweep every village and township north of St. Agathe. It is reported that a great deal of standing timber and large quantities of underbrush were recently burned in the vicinity of Gracefield. The wind dropped and enabled those combating the flames to gain some measures of control. The Gatineau Co., Limited, which was formerly the W. C. Edwards Co., own many of the timber limits that have been in the path of the flames. The amount of damage could not be estimated but the loss will be heavy.

## The C. Beck Manufacturing Company, Ltd.

PENETANG, ONTARIO

Manufacturers & Dealers of

## WHITE PINE—RED PINE HEMLOCK—LATH

Planing Mills in Connection—Our Dressing will  
Save You Freight

TORONTO OFFICE 10 PARLIAMENT STREET

F. H. Horning M 2170

## McNeil Lumber Co. Limited

416 St. James St., Montreal, Phone Main 996 & 1185

Manufacturers and Wholesalers  
Hard and Softwood Lumber and  
Railway Ties.

B.C. Fir and Cedar Shingles Specialists.

## FOR SALE

5	cars	5/8 x 4" & wdr.	Log Run Spruce.
3	"	5/8 x 3"	" " "
1	"	5/8 x 4"	" " "

Random lengths, Rough, Dry.

## WIGHTMAN LUMBER CO., Limited

263 St. James St. MONTREAL, CANADA.

## Install a "By-Pass" Exhauster in your Saw Mill, Planing Mill or Plant

Our "By-Pass" Exhaust systems save your power and give better service. They handle green sawdust or wet, stringy material that usually clogs up an ordinary Blower system. The fan wheel is not overhung. No heating, clogging, or shaking. Three bearings.

We manufacture and install systems complete.

Write for information.

## Toronto Blower Company

156 Duke St., Toronto



# U.S. Buyers of Canadian Lumber

## STOP--LOOK--READ

and  
Spend 3¢

If you have any lumber, lath or Shingles that you wish to sell in the New England market, send us a list giving full details. We buy F.O.B. mill or sell for mill account at delivered prices, less the usual commissions.

The  
**Woodstock Lumber Company**  
131 State St. - Boston, Mass.



Log Train in operation on limits of one of the important Canadian lumber companies selling in the United States market

## To Canadian Lumber Manufacturers

I can place the following lumber stocks on a commission basis to well-rated users in the United States. Get in touch with me.

**CANADIAN BIRCH**  
rough or dressed

**CANADIAN MAPLE**  
rough or dressed

**BROWN ASH**

Brown Ash Trim and  
**MOULDING**

Birch Trim and Moulding  
Birch and Ash Squares and  
Dimension Stock.

**Allen Kander**  
10 South 18th Street  
PHILADELPHIA  
New York - 50 Union Square

**Turner Lumber Agency**  
Selling Agents  
Ridgewood - New Jersey

We can always handle a certain amount of spruce, we sell only to the well rated consumer.

*Reference Exchanged*

Let us have your lists

## MR. MANUFACTURER:

We are in the market, at all times, for  
**MERCHANTABLE SPRUCE**

1", 1½", 2" Rough and Dressed; Stock Widths and  
Random Lengths; Straight and Mixed Car Shipments

**WANTED QUICKLY: Mason Lath, 1½x10" and 1x2"**

*Wire Offerings*

**Carpenter-Gordon Company,** 75 Broad Street  
Elizabeth, N. J.

Reference: National-American Wholesale Lumber Association

**Swain & Boggs Co.**  
110 State St., Boston

Wholesale Dealers in  
**Spruce, Pine,  
Hemlock Boards,  
Cedar Shingles, Lath**

*Prompt Payments*

## WANTED

Spruce, Laths  
Shingles  
White Pine  
Hardwood

**JOHNSON LUMBER  
CO. INC.**  
MANCHESTER, N. H.

**Blanchard Lumber Co.**  
126 State St., Boston, Mass.  
11 Broadway, New York, N. Y.

We are always in the market  
for Eastern Spruce, Lath  
and Lumber, by rail and by  
vessel.

Write or wire us your quotations

We Want to Buy  
**High-grade  
Canadian Hardwoods**  
(all thicknesses)

and Sell  
**Gum, Oak, Chestnut  
and Cypress**

**C. B. TALBOT TRUSTEE CO.**  
607 Stevens Bldg., Detroit, Mich.  
Assembling yard, Detroit, Mich.

## BASSWOOD WANTED

300,000' 5/4 winter sawn,  
also 5/4 and thicker Birch,  
Maple, Elm. Prompt  
shipment and Pay.

**Miller Lumber Co., Inc.**  
893 EAGLE ST., BUFFALO, N. Y.

**Stilwell-Ruhlman  
Lumber Co.**

530 PENOBSCOT BUILDING  
DETROIT - MICHIGAN

Mill Representatives  
**HIGH GRADE HARDWOODS**

## GODFREY LUMBER COMPANY Wholesale Lumber

60 Congress St.  
BOSTON

51 East 42nd Street  
NEW YORK

Eastern Lumber by car or Cargo

**ALL GRADES SPRUCE**  
Laths Hemlock Boards Cedar Shingles

*We solicit correspondence from Canadian shippers*

## Lath Wanted

For Detroit Delivery

15 cars 4 ft. No. 3 White Pine.  
10 cars 4 ft. No. 2 White Pine.  
5 cars 4 ft. Mill Run White Pine.  
5 cars 32" Mill Run White Pine.

Also

Hemlock, Jack Pine and Spruce  
Lath. Require all ¾" x 1½"

**Brewster Loud Lumber  
Company**  
333 State St., Detroit, Mich.



# U.S. Buyers of Canadian Lumber

We are in the Market for

Spruce, Pine, Hemlock, Birch, Maple,  
Basswood and Ash, green or seasoned,  
also Spruce and Pine Lath

*Send us a list of what you have*

**Eureka Lumber Co.** 562 Broadway,  
Albany, N. Y.

## HINE LUMBER COMPANY

3-123 General Motors Building  
Detroit, Michigan

*"We would like to represent two  
good Ontario Hardwood Man-  
ufacturers in this territory."*

### E. G. Brownlee

Germantown, Phila.  
209 Cliveden Avenue

#### WANTED

Canadian Spruce Lath, in  
car load quantities, direct  
from manufacturers on  
Philadelphia rate of de-  
livery.

### C. E. Day Lumber Co.

Springfield, Mass.

**Spruce Dimension and  
Boards, Box Shooks,  
Pine Boards  
Hemlock Boards**

### WANTED

8/4 and 12/4 No. 1  
Com. & Better

#### HARD MAPLE

*Will inspect and pay cash  
when loaded*

**Powell Lumber & Timber Corp.**  
43 Davis St., Long Island City, N.Y.

### W. A. Webster Co.

WHOLESALE LUMBER

201 Devonshire Street,  
BOSTON, MASS.

Wanted for car or cargo shipment  
Spruce Boards.  
Spruce Laths.  
Spruce Random sizes.  
Hemlock Boards.  
White Cedar Shingles.

### E. M. GARRITY-LUMBER

WHOLESALE

89 State St. - BOSTON

*Send us your offerings  
on*

**Spruce, Hemlock, Pine  
Shingles and Lath**

## FOR SALE

51 Timber Limits on Vancouver Island, B. C.  
Early selection. Estimate over One Billion One  
Hundred Million Ft. Silver Fir, Hemlock, Cedar  
and Spruce. Ideal location. Splendid harbors.  
Good timber. Will sell at a very reasonable  
price.

**John C. Spry** 107 South La Salle St.  
CHICAGO, ILL.

### Hard Maple Wanted

We are always in the market for lots  
of good hard maple in stock thicknesses,  
and can use some 2¼ and 2½" stock  
for shipment green from saw log run.  
Send us your stock lists or estimate on  
cut for which you might be interested  
to contract.

Also we deal in Basswood and other  
Canadian and American Hardwoods.

**HANIEL CLARK & SONS, INC.**

Corry, Pa.

### More Rigid Regulations are Called For

The annual repetition of forest fires, which broke out in the Western part of Ontario and the province of Quebec towards the latter part of May with such destructive results to life and property, call for a thorough investigation on the part of both the Ontario and Quebec provincial governments.

For the past two years the Crown Lands Departments of all provincial governments have been educating the public to use the utmost precaution against any cause that was likely to create fire in the woods, to be followed with dire destruction of forest property. The Quebec Department of Lands and Forests, through its forestry branch, have not only been cautioning the public, but have threatened to close the forests, the same as is done in France, to the hunting and fishing public, and passed a law to prohibit any and all persons, without a permit, from entering the woods from the first day of April this year which could only be granted by the Department and persons in authority to do so. Notwithstanding the propaganda of education and the threat made by the Department to close entrance to the woods without a permit, the forest fires still occur, and it is now up to the provincial governments to explain the cause.

It would appear from reliable information that the government guardians of Canada's forest resources are not altogether blameless. It is one thing to preach and another to practice, and in this regard it would be worth while to know why 50,000 permits were granted in 1922 to enter the woods and how many passes or permits were granted to enter the woods to lumber operators and fishermen this spring of 1923. If 50,000 permits are granted each summer season to enter the woods, 98 per cent. of those carrying such permits are

smokers and must build fires to cook the food they eat. A spark from a pipe or from a chimney or the stump of a lighted match, carelessly thrown to the ground, is suffice to start a forest fire likely to spread to large areas and cause destruction to millions of dollars of valuable timber property.

The day will come, if the provincial governments desire to preserve their forest lands from total destruction, when smoking must be prohibited in the woods and every fire made for cooking purposes must have a chimney with a wire screen to prevent the spreading of sparks or burning embers therefrom.

There must be no favoritism shown by the governments. The rich sportsman must be accorded no more consideration than the poor and humble citizen. When this policy is made law and enforced, and not until then, will the forest wealth of the country be free from the danger of fire and ultimately total destruction.

In the vicinity of Quebec fires broke out during the last week of May in the timber stands in the counties of Lotbiniere and Shawinigan which were fortunately well fought by the protective forces. The worst fires occurred in the Laurentian and Gatineau areas where millions of dollars' worth of timber were razed, especially in the Laurentian mountains running due north from Ottawa up the Gatineau region, with a computed loss into the millions. Reports of the outbreaks also came from Maniwaki, Que. where a forest fire loss of ten miles square was destroyed, and at Gracefield, Que., the village was threatened when two avenues of flames swept in from the east and western sides and twenty-five farmers lost all their timberlands. In Alcona, Que., farmers lost their hay crop as well as their timberlands, and at Buckingham, Que., bush fires were raging within three miles of the town on June 2nd.



**BOWDEN BROS. BELT DRESSINGS**

THE MODERN BELT CLEANER AND PRESERVER

**Belt Oil**  
Our Three Grades  
Light, Medium and  
**POWER**

Heavy  
Constitute a Real  
Food for Leather  
Works While Your  
Belt Works  
Under Any Condition  
of Dust, Heat or  
Exposure

**PROTECTION**

**Rubber Facing**  
For Rubber And  
Balata  
**Rope Filler**  
For  
Rope Transmission  
**Bar Dressing**  
A Dubbing for Heavy  
Service Belts and  
Rope Drives

"What we're on we'll cling to"

Our products contain the best known compound for cleaning, filling and preserving belts and ropes

**BOWDEN BROS.**

PRIMROSE AVE. AND C.P.R. TRACKS W. TORONTO, CANADA  
Phone Ken. 4634 J.

**Anaconda Belting**

MADE IN CANADA

is specially adapted in places under extreme atmospheric conditions. It is most efficient and economic in Lumber and Paper Mills.

We can refer you to the largest Lumber and Paper Mills in the Provinces of New Brunswick and Quebec that have used our ANACONDA belt for a number of years with success.

We give a regular guarantee with every belt sold and we stand absolutely back of it.

Our "BOOK ON BELTING" is valuable for your files for information on ELEVATING, CONVEYING and TRANSMISSION. Free upon request.

T. M. Grindley Co.  
Late Gorman's Ltd.  
Vancouver, B.C.

Gorman's Ltd.  
Edmonton and Calgary  
Alberta.

**Main Belting Company of Can. Ltd.**

**Toronto MONTREAL Winnipeg**

**Excelsior Cutting Machinery**

Manufactured By

**The Elmira Machinery and Transmission Co.**

Elmira, Ont.

Write for Circular and Prices

**Edgings**

Crossley & Trueman, Cowichan Lake, B.C., loggers, have dissolved.

The Montreal office of Terry, Nicholson, Cates, Limited, has been removed to 314 St. Nicholas Building.

S. J. Elsas, of the Anderson Co., wholesale lumbermen, New York, N.Y., spent a few days in Toronto recently.

Wm. Williamson, retail lumberman, 815 Woodbine Ave., Toronto, left lately on a trip to the Old Country.

A. C. Stark, late of the Elgie & Jarvis Lumber Co., Toronto, has joined the sales staff of the Central Canada Lumber Co., Toronto.

C. W. Wilkinson, of the Union Lumber Co., Toronto, has returned from a business trip to Great Britain and reports the lumber trade outlook as improving.

The new sawmill owned by Mathews, McNair & Graham Limited, near Rosedale, B.C., is nearly completed. The plant will have a capacity of 30,000 feet per day.

A charter has been taken out by the Atlantic Pulpwood, Limited, to deal in pulpwood and timberlands. The head office of the organization is at 50 Princess St., St. John, N.B.

Flames from an unknown origin destroyed half a million feet of lumber in the yards of Thurston-Flavelle Limited, Port Moody, B.C. The damage, which was estimated at over \$50,000, was covered by insurance. The main mill was saved.

A provincial charter has been granted to the B. F. Harris Co., Limited, with headquarters in Winnipeg, and a capital stock of \$50,000, to carry on in all its branches a lumber, timber and pulpwood business, and deal in logs and wood of all kinds.

Duncan McLaren, president of the Union Lumber Co., Toronto, and Mrs. McLaren, have returned home after an extended visit to Europe. They took in the Mediterranean trip and spent several weeks in Great Britain, France and other countries.

New France Lumber Co., Limited, Westfield, N.B., is a new firm recently organized to manufacture and deal in lumber, pulpwood and wood products. Capital \$99,000. Harry H. Schofield and George A. Hilyard, lumber merchants, both St. John, N.B., are two of the incorporators.

The many friends of B. F. Clarke, of Glencoe, secretary-treasurer of the Southwestern Ontario Lumber Dealers' Association, will sympathize with him in the death of his father which took place recently. The late Mr. Clarke was widely known and highly esteemed.

The warehouse and some other buildings belonging to the Spanish River Co. at its pulpwood camp at Mile 232, Algoma Central Railway, was recently destroyed by bush fires, but the loader was saved. W. R. Clarke, a tie contractor, lost his camp at Mile 235 but managed to save his equipment.

Langlois & Gouin, Limited, Victoriaville, P.Q., was recently organized to take over the business of Langlois & Gouin Reg., and to manufacture and deal in lumber, shingles, pulpwood and other wood products. Capital \$18,000. H. Langlois and A. Gouin, both of Victoriaville, are two of the incorporators.

With the object of carrying on a general lumbering business, the Eastern Timber Co. Ltd., Ottawa, has been granted incorporation papers. The capitalization of the new company is \$50,000, with the following as incorporate officers: Andrew G. McHugh, Albert E. F. Head, Patrick Anderson, Maurice Caron and Roger Methot.

The Shevlin-Clarke Co., of Fort Frances, Ont., suffered a loss of \$20,000 by fire recently. The blaze started about midnight in one of their gasoline launches and destroyed the launch, dock, warehouse and quite a lot of supplies, including a car of oak plank and a car of coal which was just received.

Raymond Fisher and J. H. Jenkins, new appointees of the British Columbia Forest Service, have been sent to the Fort George district to conduct an examination of the soil and timber for the purpose of determining what area should be preserved for agricultural purposes and what should be planted in timber.

John M. Mercer, vice-president of the Northern Construction Co. left Vancouver recently for Newfoundland to supervise the \$2,000,000 contract awarded that company for the construction of a canal in connection with the power plant for the new pulp mill to be established in that Dominion. The Armstrong Whitworth company



are the general contractors and J. W. Stewart & Co., Vancouver, have been awarded the canal and one other unit. The canal has been sublet to the Northern Construction company, A. R. Mann, the president, announced lately. The whole project is to cost about \$20,000,000.

The forest seaplane stationed at Tatrall, north of Franz, Ont., recently made a survey of the sections where there were forest fires. A. B. Connell, district forester, said that he expected a seaplane under Capt. Williams' direction would shortly make a flight to Moose Factory to determine what the fire conditions are in the country north of the Transcontinental Railway.

Fire broke out recently in the lumber piles of Mr. Yurling of Sunny Brae, N.S. It required the heroic efforts of firemen and citizens to subdue the flames which at one time threatened a large quantity of lumber belonging to the Nova Scotia Steel & Coal Co. and the village itself. The loss to Mr. Yurling, who lives in Cumberland County, will be rather heavy. About 250,000 feet of lumber was burned.

Ross Pendleton has been appointed manager for the British Columbia Timber Lands (Ltd.), a new organization which has taken over holdings of the Forest Mills (Ltd.), a British corporation heavily interested for some years in the interior of British Columbia. The new concern will move its head offices from Revelstoke to Nelson, and will operate the large mills at the latter place and at Cascade.

Charles H. Nadeau, of Port Daniel East, Que., states that they are getting out about 25 per cent. more lumber than they did last year and are now operating their mill to capacity. They expect to have a full season's run and will be forwarding lumber practically as fast as manufactured both by car and cargo shipments. The larger part of the cut goes to the American market. Mr. Nadeau says that on the whole they expect a very good season and find manufacturing conditions and lumber prices satisfactory providing no unforeseen labor troubles develop.

A new groundwood pulp mill, with a daily capacity of 100 tons, will be built this summer at Sillery, near the city of Quebec, by the Quebec Pulp & Paper Company, Limited, a new corporation organized through the efforts of John D. Roche of Montreal. The plans include provisions for expanding the plant to produce sulphite pulp and newsprint paper whenever it is desired to make the necessary additions. The mill will be exceptionally well located in regard to shipping facilities, having both rail and water connections and the company is also said to have made favorable arrangements for its supply of pulpwood.

In the House of Commons recently, Hon. Charles Stewart, Minister of the Interior, stated that representations had been received by the Government both for and against the prohibition of the export of pulpwood from privately-owned lands, and the question was under consideration. Hon. Arthur Meighen, leader of the Opposition, said that there was no excuse for continuing to permit the export of raw wood. It had been suggested that the United States might institute reprisals, but as long as Canada stood on her own feet, Mr. Meighen added that he feared no reprisals the United States might make.

A very marked improvement is reported from the country yards of line-yard companies in Manitoba. They do not report many large sales, but a great many small sales which are keeping up their volume. Secretary Ritter, of the Western Retail Lumbermen's Association, Winnipeg, reports that its building department has been real busy during recent weeks. Local wholesalers report considerable business from certain quarters and for certain lines of stock. Mixed car orders are still very hard to place for quick shipment, although straight car orders are being shipped out very promptly.

The James T. Gilchrist Lumber Co., 496 Gladstone Ave., Toronto, whose mill was burned some months ago, are rebuilding. The new structure will be two storeys high, 50 x 80, of steel and brick construction, and will be up-to-date in every respect. Much of the equipment in the former mill was saved from the fire and is being overhauled and put into excellent shape for the new factory. James T. Gilchrist, the proprietor, recently removed from 36 Lynd Ave., to his new home, 464 Gladstone Ave., a few doors south of his mill yard.

The Howard Smith Paper Mills, Montreal, have recently completed a bleached groundwood mill at Crabtree Mills, Que., which is working efficiently. The company also intends to extend its operations at Cornwall, Ont., and will shortly build a new finishing room 200 x 180 feet, and an addition to the machine room of 100 x 52 feet. This will increase the capacity of the plant by about 50 per cent. The company some time ago bought pulpwood limits in the Gaspé Peninsula, Que., and will bring pulpwood up the St. Lawrence to Cornwall in barges. For the purpose of unloading expeditiously a new wharf has been completed at Cornwall.

## The Otis Staples Lumber Co., Ltd. Wycliffe, B. C.

### Larch and Fir

Dimension

Cleats

Boards

Crating

Shiplap

Box Lumber

Edge grain larch flooring a Specialty

### Western White Pine

Cleats and Commons

Inquiries handled from our Eastern Office:

619 Federal Bldg.

TORONTO

Phone  
Adelaide 6131

R. G. Chesbro,  
Manager



### Sell Your Shavings

Why send your shavings up in smoke when you can bale them economically and sell them at a good profit?

#### THE AMERICAN STEAM STEEL FRAME PRESS

is a machine that has been on the market for many years and is a proven money-maker in scores of mills throughout Canada and the United States. We make it with two sizes of cylinders—30" x 45" and 26" x 45".

Full particulars and prices upon request.

Write for booklet.

**American Engine & Boiler Works**  
TONAWANDA, N.Y., U.S.A.



**Second Hand  
Machinery &  
Equipment  
Wanted &  
For Sale**

# Quick Action Section

**Special Lots  
Of Lumber—  
Positions  
Wanted &  
Vacant**

## Lumber Wanted

WE are always in the market to buy Pulpwood and odd lots of lumber. P. O. Box 643, Montreal. 6-T.f.

### Wanted

Rock and hard Grey Elm in car lots cut  $3\frac{1}{4}$ " thick. Quote price to St. Marys Wood Specialty Co., St. Marys, Ont. 11-14

### Wanted

Ten carloads Hard Maple  $1\frac{1}{4}$ " x  $3\frac{3}{4}$ " x 18" and up in length. For further particulars, apply to Box 155, Canada Lumberman, Toronto. 5-T.f.

### Wanted

Ten carloads of good No. 1 Common and Better  $4\frac{1}{4}$  White winter cut Basswood. For further particulars, apply to Box 191, Canada Lumberman, Toronto. 7-T.f.

### Wanted—Birch

and other Hardwoods suitable for the U. S. trade, graded or log run. Cash as loaded. Give loading point and full description together with estimated grades. Wallace H. Partridge, Inc., Springfield, Mass. 5-T.f.

### Lumber Wanted

$1\frac{1}{4}$ " Basswood, Log Run, winter cut.  $5\frac{1}{4}$ ,  $6\frac{1}{4}$ , and  $8\frac{1}{4}$  Hard Maple No. 1 Com. and FAS.  $4\frac{1}{4}$  and  $5\frac{1}{4}$  Birch No. 1 Com. and FAS. Conroy-Buchanan Lumber Co., Jamestown, N.Y. 12-13

### Wanted

10,000 cords of Hardwood and Softwood Slabs and Bundled Edging, and the same quantity of Hard and Soft Cordwood. State quantity, quality, where situated and lowest price. Box No. 290, Canada Lumberman, Toronto. 12

## Slabs, Bundled Edgings and Cordwood Wanted

State quantity, when cut and price asked. W. H. FARRELL LUMBER AND FUEL LIMITED. 481 West Marion St., Toronto. 11-14

### Hard Maple Wanted

We are always in the market for lots of good hard maple in stock thicknesses, and can use some  $2\frac{1}{4}$  and  $2\frac{1}{2}$ " stock for shipment green from saw log run. Send us your stock lists or estimate on cut for which you might be interested to contract.

Also we deal in Basswood and other Canadian and American Hardwoods.

HANIEL CLARK & SON, INC.,  
10 T.f. Corry, Pa.

### Dry Hard Maple Wanted in Carload Lots

$1\frac{1}{4}$ " x  $3\frac{3}{4}$ " in lengths of 18", 27", 36", 45" etc.  $1\frac{1}{4}$ " x  $3\frac{3}{4}$ " same lengths.  $1\frac{1}{4}$ " x  $2\frac{1}{2}$ " x 49"

(one half each size.)

1" x  $3\frac{3}{4}$ " x 49"

All to be free from defects.

Will contract for mill cuts of hard maple to be sawn into these sizes after lumber is dry, shipment next summer and fall.

Box No. 989, Canada Lumberman, Toronto. 8-T.f.

### Dry Hard Maple Strips Wanted

Carload lots  $1\frac{1}{4}$ " x  $3\frac{3}{4}$ " in multiple lengths of 9" as 18" 27" 36" and etc. Carload lots  $1\frac{1}{4}$ " x  $2\frac{1}{2}$ " x 49" and 1" x  $3\frac{3}{4}$ " x 49" one-half each size. Carload lots  $1\frac{1}{4}$ " x 2" x 51" and 1" x  $3\frac{3}{4}$ " x 51" one-half each size. Carload lots  $1\frac{1}{4}$ " x  $1\frac{1}{4}$ " x 48" and 1" x  $3\frac{3}{4}$ " x 49" one-half each size. Carload lots 1",  $1\frac{1}{4}$ " and  $1\frac{1}{2}$ " in lengths of 42", 48" and 54".

Will contract for prompt or future shipment. Box 285, Canada Lumberman, Toronto. 12-T.f.

## PUBLISHER'S NOTICE

Advertisements other than "Employment Wanted" or "Employees Wanted" will be inserted in this department at the rate of 25 cents per agate line (14 agate lines make one inch). \$3.50 per inch, each insertion, payable in advance. Space measured from rule to rule. When four or more consecutive insertions of the same advertisement are ordered a discount of 20 per cent. will be allowed.

Advertisements of "Wanted Employment" will be inserted at the rate of one cent a word, net. Cash must accompany order. If Canada Lumberman box number is used, enclose ten cents extra for postage in forwarding replies. Minimum charge 25 cents.

Advertisements of "Wanted Employees" will be inserted at the rate of two cents a word, net. Cash must accompany the order. Minimum charge 50 cents.

Advertisements must be received not later than the 10th and 20th of each month to insure insertion in the subsequent issue.

## Lumber For Sale

### For Sale

Slack barrel and keg material by the carload. R. J. Miller, Blacklands, Siding, N.B. 8-14

### For Sale

Immediate shipment, approximately 3,000 cubic feet Fresh Hewn White Oak Timber  $12 \times 12$  to  $24 \times 24$ " square, 50%  $15 \times 15$  and up square, 18 to 50 ft. long, average 48 cubic feet per stick. Price on cars Ontario, \$1.00 per cubic foot. Apply Hall Bros., Ltd., Toronto, Ont. 12-13

### For Sale

250,000 ft.  $2" \times 4"$ ,  $5"$ ,  $6"$ ,  $7"$ ,  $8"$ ,  $9"$ ,  $10"$  and up, all 16 feet long Merchantable Spruce. Also several carloads of  $5/8"$  and  $1"$  Crating Spruce. J. P. Abel, Fortin, Limited, 379 Desjardins Ave., Montreal, Que. 12

## Machinery For Sale

### Used Machinery for Sale

Having installed larger machines, we are offering a  $74"$  Veneer Lathe, can be seen daily in operation, 37" Model "E" Francis Glue Spreader for waterproof glue, 6, 38" Four Screw Iron Veneer Presses. Hay & Company, Limited, Woodstock, Ontario. 8-12

### For Sale

A Woods Planer—knife 27 inches, double surface, three knives for each cylinder, endless bed, in perfect running order. The Megantic Broom Mfg. Co. Ltd., Lake Megantic Quebec. 9-12

### For Sale

or will take manufactured lumber in exchange—one (1) right hand Clarke Brothers BAND MILL, shotgun feed with carriage complete, Stearns double duty edger, live rolls, spring saws, pulleys, shafting, etc. Haniel Clark & Sons, Inc., Corry, Pa. 10-13

### Wickes Gang

GANG: No. 12 Wickes Gang, 40" sash, 15" stroke, steam boiler rolls, front and back in two sections, feed and oscillation combined, 1908 model, and has been in use for five years. We furnish with this gang 11 rolls for cuts and stock, one filing machine, and 4 sets of saws.

THE PEMBROKE LUMBER CO.,  
1 T.f. Pembroke, Ont.

## For Sale

Second Hand—Moulders, Flooring Machines, Timber Sizers, Surfacer, Planers and Matchers, Motors, Chamfer and Rabbit machines. Box 283, Canada Lumberman, Toronto. 12-15

### For Sale

Second-hand sawmill of 70 Horse Power very well equipped, band saws, edger, katherine (resaw), Trimmers, Slashers, etc., at a low price for a prompt buyer. Send your enquiry. Box 248, Canada Lumberman, Toronto. 10-13

## Saw Mill Machinery for Disposal

From the Plants of the Davison  
Lumber and Manufacturing Co.  
Bridgewater and Spring-  
field, N. S.

1—Giddings & Lewis 8 ft. Band Mill with Allis-Chalmers Carriage Steam Feed Cylinder, 11-in. x 54-ft. complete with all equipments.

1—Giddings & Lewis 6-ft. Band Mill with New Watrous Carriage, Steam Feed Cylinder 9-in. x 48-ft complete with all equipment.

1—Giddings & Lewis 6-ft. Horizontal Band Resaw.

2—84-in. Diamond Iron Works 14 Saw Edgers.  
1—Harmon 13 Saw Gang Trimmer with pneumatic control to each saw.

1—Diamond Iron Works Gang Saw.

1—Hamilton-Kendall Circular Gang Saw.

1—No. 1  $1\frac{1}{2}$  Hill Steam Driven Drag Saw.

1—Hill 12-in. x 24-in. Vertical Steam Driven Cord Wood Splitter.

1—Appleton Belt Driven Horizontal Cordwood Splitter.

1—Diamond Iron Works Heavy Type Friction Log Haul-up.

1—18-in. x 10-in. x 12-in. Worthington Duplex Brass Fitted Underwriters' Fire Pump Cap. 1000 Gallons per minute.

Filing Room Machinery and Equipment, consisting of Band, Circular and Gang Sharpeners, Re-Toothers, Shears, Anvils, Brazing and Filing Clamps.

Steam Deck Equipment consisting of Steam Niggers, Kickers, Loaders, Gang Skids. Planer—1 practically new Yates No. 10—30-in. x 10-in. Planer and Sizer with side Head Grinder.

All the above for immediate disposal at low prices. Write or wire for full particulars.

### Address

**Fleming & MacLeay**  
Agents

Bridgewater, N. S.

9-12

## Situations Wanted

LATH AND PICKET-MAKER wants position. 15 years experience. Will go anywhere. Good season cut. Box 271, Canada Lumberman, Toronto. 11-13

**EXPERIENCED LUMBER SALESMAN**, good connections Ontario and New York State. Open for immediate engagement. Box 240 Canada Lumberman, Toronto. 11-12

**WANT** to communicate with Lumber Co., desirous of securing a permanent bookkeeper familiar with woods and mill office work. Box 232, Canada Lumberman, Toronto. 9-12

**POSITION WANTED** as yard foreman, shipper or estimator, or to look after stocks. Eighteen years experience in pine, can handle men and get results, references. Address Box 288 Canada Lumberman, Toronto. 12-13

**EXPERIENCED ACCOUNTANT**, married, 35 years of age, is open for engagement. Books, costs, financing, credits, collections. At present employed. Thoroughly competent and capable office manager. Apply Box 270, Canada Lumberman, Toronto. 11-15

**WANTED**—Position as manager or superintendent of lumber company. Eighteen years experience logging, river-driving, sawmilling, etc., or would take charge of bush operations for pulp company. First class references. Box 268 Canada Lumberman, Toronto. 11-12

**POSITION AS SUPERINTENDENT** of lumber company. Eighteen years experience logging, river-driving, sawmilling, etc., or would take charge of bush operations for pulp company. First class references. Box 268 Canada Lumberman, Toronto. 11 T.f.

**POSITION WANTED:** (by lady with six years business experience) Pay-roll clerk, Bookkeeper, cashier, general assistant to manager; or charge of small office. Lumber or Construction Contractor's business preferred. Quebec, New Brunswick or Ontario. Recommendations. Box 292, Canada Lumberman, Toronto. 12

**WANTED**—"Executive position or Partnership in lumber Manufacturing or Wholesale firm. Twenty years experience in Canada and United States. Age Thirty-Nine and married. Excellent references from past and present employers. Manager from stump to market of large White Pine Mill." Box 289 Canada Lumberman, Toronto. 12-13

**POSITION WANTED** as bookkeeper with lumber manufacturer by competent man of 25. Have had retail lumber experience in sales department and can handle correspondence. Location no object. At present employed but could commence new duties immediately. Best of references. Apply Box 286. Canada Lumberman, Toronto. 12-13

**HAVE YOU A PLACE** in your concern for young man with ability, integrity, aggressiveness and dependable all times? Want permanent position with Lumber Manufacturers or Wholesalers. Have 5  $\frac{1}{2}$  years' experience different departments handling Correspondence, Orders, Sales, Shipments, Payrolls, Bookkeeping and have full knowledge of general office routine methods connected with lumber, but would prefer position on Order and Sales end of office. Could make small investment. Like to locate in Georgian Bay, Parry Sound, Northern Ontario or Ottawa Valley districts, but other places considered. Describe fully position you have to offer. Good references and replies confidential. Box 249, Canada Lumberman, Toronto. 10-13

## Situations Vacant

**WANTED**—Capable experienced assistant mill foreman. In reply state age, nationality, experience and salary desired. Apply box 280, Canada Lumberman, Toronto. 11-14

**WANTED**—Competent and experienced man to salvage sunken pine and hemlock logs in Canadian lakes and streams this summer, either on salary or by contract. We want to get the benefit of the experience of other people. Apply Box 261, Canada Lumberman, Toronto. 10-13



**WANTED**—Capable mill yard foreman, one able to take entire charge of the piling of lumber and loading of cars, together with other duties customary for saw mill yard foreman. In reply state age, nationality, experience and salary desired. Apply Box 281, Canada Lumberman, Toronto. 11-14

**SAWYER**—Spare for three fast double cut, steam feed band mills. Must be able to saw both right and left, also act as spare man on saw floor. No one without experience in big mill need apply. Give reference and full particulars first letter. Gillies Bros. Limited, Braeside, Ont. 12-14

## Business Chances

### For Sale or Exchange

for block of timber, general store, good stock and doing good business. For full particulars apply Box 203, Canada Lumberman, Toronto. 9-12

### For Sale

Rixon-Ainslie-Stoddart Sawmill at Owen Sound. Splendid power plant and machinery. Will be sold cheap. Apply Keenan Bros., Ltd., Owen Sound, Ont. 23 T.f.

### For Sale

Mill and Timber Limits for sale. Timber large proportion Hardwood. Mill twenty thousand capacity. Large cattle and breeding ranch. Will sell with or without ranch. Located in Eastern Ontario. Address Box No. 50, Canada Lumberman, Toronto. 22T-1.



## TENDERS FOR PULPWOOD AND TIMBER LIMIT

Tenders will be received by the undersigned up to and including the 22nd day of June, 1923, for the right to cut pulpwood and timber on a certain area situated in the watershed of the Trout and Chapleau rivers in the district of Sudbury, comprising an area of 1,049 square miles.

Tenderers shall state the amount per cord on pulpwood that they are prepared to pay as a bonus in addition to dues of 80 cents per cord for Spruce and 40 cents per cord for other pulpwoods, or such other rates as may from time to time be fixed by the lieutenant-governor-in-council, for the right to operate a pulp Kraft mill and a paper mill.

Tenderers shall also be required to say what they are prepared to pay, per thousand feet board measure, for the following classes of timber, over and above the upset prices in addition to crown dues:

Red and white pine, upset price, \$6.00 per M. ft. B.M.

Spruce (too large for pulpwood), \$5.00 per M. ft. B.M.

Jackpine (banksian), \$2.50 per M. ft. B.M.

The crown dues on pine including Jackpine being \$2.50 and on Spruce \$2.00 per M. ft. B.M. or such other rates as may from time to time be fixed by the lieutenant-governor-in-council.

The successful tenderer shall be required to erect a mill or mills within the limit or at some point in Ontario approved by the minister, and to manufacture the wood into Kraft pulp, and also such portion thereof into Kraft paper when required so to do.

Parties making tender will be required to deposit with their tender a marked check payable to the honorable the treasurer of the Province of Ontario, for fifty thousand dollars (\$50,000.00) which amount will be forfeited in the event of the successful tenderer not entering into agreement to carry out conditions, etc.

The said (\$50,000.00) shall remain on deposit until the Kraft pulp mill, as provided by terms and conditions of sale, is erected and in operation. Any timber cut in the meantime shall be subject to payment of dues and bonus as accounts for same are rendered. After the said pulp mill is erected and in operation the deposit of \$50,000.00 may be applied on account of bonus dues as they accrue, but the regulation dues as mentioned above shall be paid in the usual manner as returns for cutting of wood and timber are received and accounts rendered.

The highest or any tender not necessarily accepted.

For particulars as to description of territory, capital to be invested, etc., apply to the undersigned.

All tenders should be enclosed in sealed envelopes and marked plainly on outside "Tender for Trout-Chapleau Pulp and Timber Limit."

BENIAH BOWMAN,  
Minister of Lands and Forests.

Toronto, April 16th, 1923.  
N.B.—No unauthorized publication of this notice will be paid for. 9-12

### For Sale Cheap

Circular Sawmill, Building and Machinery; Steam Feed, suitable for Ties and Lumber.

also

Small two-storey Brick Factory, well-located, with or without woodworking machinery. Apply to John Harrison & Sons Co., Limited, Owen Sound. 24 T.f.

### Timber Limit for Sale

Approximately fifteen square miles, vicinity of Burks Falls, Ontario. Large percentage of timber Hemlock and Birch. Can be secured with part cash payment, balance in lumber. Good opportunity for small operator. Apply Box 256, Canada Lumberman, Toronto. 10-13

### FOR SALE—MILL AND TIMBER IN WEST KOOTENAY, B.C.

To close an estate we offer for sale 3,708 acres of timber, virgin forest, consisting of cedar, pine, hemlock, spruce and fir estimated at 93,000,000 feet (logs), 100,000 telephone poles and 500,000 split fence posts, together with mill, yards, office building and cottages. The mill is situated at Koch's Siding and the timber is on the Little Shocan River, about 6 miles distant. Transportation is all that could be desired. The entire property can be purchased at a reasonable figure. We desire inspection and offer. Terms will be granted to responsible parties, and for particulars communicate with the BANK OF MONTREAL, New Denver, B.C. 9-12

## Sawmill for Sale

Complete small mill.

75 horse-power engine.

80 horse-power boiler.

60-foot stack.

Lane carriage, 32-foot log beam, 3 combination dogs, 1 green mountain dog, 52-inch saw, roller, gage etc.

1 patent edger with 18-inch inserted saws, 2 trimmers, 28-inch saws, ladders, arbours and hinges complete.

1 combined lath machine and bolter.

Sawdust carrier, consisting of light driving gears, shaft and 60 feet of No. 103 chain, shafting, belting, pulleys, etc. All belting practically new, only run one short season.

This mill is at Kemptville, Yarmouth County, Nova Scotia on the side of the main road about 12 miles from the railroad. It is for sale as it lies at the bargain price of \$3,300.

### Ralph P. Bell

Timberlands & Pulpwood,  
Post Office Box 1081  
12-15 Halifax, Nova Scotia.

## Miscellaneous

### For Sale

Steam Saw Mill complete. Waterous outfit, double edger, steel rails, log track and lumber tract, also first class building, loaded on cars or where it stands. Will take lumber in exchange. Duncan Campbell, Moffat, Ont. 9-12

### For Sale

Standing timber for sale, about 3 million ft. Box 262, Canada Lumberman, Toronto. 11-14

### D. FLORENCE & SONS

Bethune St., Peterborough, Ont.

Dealers in Scrap Iron, Metals, Second-Hand Machinery, Pipes, etc. 2-24

### Timber Lands for Sale

Timber and lands for sale on the North shore of Lake Huron, near White Fish River. For full particulars, etc., apply, The Toronto General Trusts Corporation, 253, Bay Street.

### Save Money

on lumber purchases by keeping posted on lumber market published every week in LUMBER, recognized authority of the industry, \$5.00 a year. Sample copy on request. LUMBER, 435 Columbia Bldg., St. Louis, Mo., U.S.A. 12-13

## An Excellent Opportunity For Contractor or Lumberman

We have large Limits on North Shore of Georgian Bay. Best quality Birch and other hardwoods, also Hemlock and Cedar. Would like to hear from party owning Tractor or Steam Log Hauler with a view of contracting to take timber out on shares or we would consider selling.

For further particulars—Apply to The North American Bent Chair Co. Limited, Owen Sound, Ontario, Canada. 11-12

The destruction of a forest is a direct loss to the public. A spark from a passing engine, or the dropping of a lighted match may cause the loss of timber worth millions of dollars. The public is thus deprived of lumber for building or construction purposes. It takes from seventy-five to a hundred years or more, for trees in a forest to grow to maturity.

### Canada's Forest Fire Plague

Four thousand forest fires left Canada millions of dollars poorer last year and, says the Canadian Forestry Association, unless every care is exercised by campers, fishermen, settlers and others, 1923 will show a loss equally as great. Nine-tenths of all forest fires in Canada occur

through human acts which are incidental to land clearing fishing and hunting. Very few fires are deliberately set.

## Canadian Wood Helps Uncle Sam

Only fifteen per cent of the timber-lands of Ontario and Quebec are privately owned. The remainder belongs to the provincial governments. The timber from private lands can be shipped out of the country unmanufactured and amounts to a million and a quarter cords of pulpwood annually, all of which goes to support United States mills. It is claimed that not two per cent of the farmers of Canada own any pulpwood or are interested financially in sending it to Uncle Sam's industries.

## Lightning Sets the Forest Ablaze

Interesting observations regarding the starting of forest fires by lightning were made during the past season by a Manitoba fire ranger in the service of the Dominion Forestry Branch. In an aeroplane flight made during a thunderstorm, he reports, at the height of two thousand feet, he could watch the lightning leave the clouds and strike the earth, and soon afterwards see the smoke rising from the fire thus caused. During the one flight five fires were observed to start in this way.



## MacLean Reports Cover Canada

MacLean Building Reports will give you accurate, advance information on every building and engineering contract of consequence in the Dominion.

These reports are issued daily and reach subscribers in ample time to bid on the work or submit prices for the machinery, equipment, materials or supplies required.

Subscriptions may be placed for any one city, portion of a Province or more than one Province. Rates range from \$85 yearly for the smallest cities to \$664.00 yearly for the entire Dominion.

Hundreds of firms are deriving much financial benefit from the use of MacLean Building Reports. Tell us what territory you cover and put it up to us to show how we can help you get more business.

Try this service out. The result will please you. Write today for rates and free sample reports.

### MacLEAN BUILDINGREPORTS Ltd

345 Adelaide St. W. - TORONTO  
119 Board of Trade Building - MONTREAL  
325 Main St. - WINNIPEG  
106 Winch Bldg. - VANCOUVER

## AUCTION SALE of Valuable Timber Limits and Saw Mill Property

To be sold by U. H. Dandurand Limited, Auctioneers, 101 Notre Dame West, Montreal, at 2 P.M. (Daylight time) June 20th, 1923, 15 miles of Leasehold Timber Limits and approximately three miles of Freehold Limits, situated near Rawdon village in the Township of Rawdon and Chertsey, Montcalm County, Province Quebec. Limits only worked one year.

Also a fully equipped sawmill on Lac Oureau River in Rawdon village, 1/3 mile from Canadian National Railway Station. Practically new saw mill equipped to saw lumber, spoolwood and ross pulpwood. River equipped to hold logs and haul up to mill. Other buildings on five acre mill site are, barn (large enough to house thirty horses) office building, blacksmith shop, oil house, concrete boiler house, engine and pump house.

For plans, terms and full particulars so as to arrange to inspect property and cruise limits before sale apply to Miner Lumber Company, Limited, Room 2, 207 St. James Street, Montreal, or to Auctioneers, U. H. Dandurand, Limited, 101 Notre Dame West, Montreal. Montreal, May 25, 1923.



# ALPHABETICAL INDEX TO ADVERTISERS

Adams River Lumber Co. ....	2	D'Auteuil Lumber Co. ....	18	Hocken Lumber Co., Limited ...	4	Radcliffe Saw Mfg. Co. Ltd. ...	
Anderson Lumber Co., C. G. ...	10	Davies Co., Wm. ....		Hoe & Co., R. ....		Rankin Benedict Underwriting	
Anderson, Shreiner & Mawson .	27	Day Lumber Co., C. E. ....	65	Hopkins & Co. Ltd., F. H. ....	76	Association .....	
Apex Lumber Co. ....	24	Department of Lands (Ontario)	26	Hunter Lumber Co. ....	30	Rat Portage Lumber Co. ....	16
Associated Mills Ltd. ....	29	Dodge Mfg. Co. ....		Imrie Lumber Co., R. ....	22	Rideau Lumber Co. ....	
Atlantic Lumber Co. ....	4	Dominion Belting Co. ....		International Land & Lumber		Reed & Co. Ltd., Geo. W. ....	70
Atkins & Co., E. C. ....	85	Dominion Timber Products ...	33	Company .....	26	Robertson & Hackett Sawmills,	
Austin & Nicholson Ltd. ....	15	Dominion Truck Equipment Co.		Johnson, A. H. ....		Limited .....	
		Dominion Wire Rope Co. Ltd.		Johnson Lumber Co., Inc. ....	64	Rolland Lumber Co. ....	22
		Dudley, Arthur N. ....	26	Julien, Roch .....	14	Rose-McLaurin Ltd. ....	16
Bartram, J. C. ....	23	Dunlop Tire & Rubber Goods Co.	71				
Bainbridge Lumber Co. Ltd. ....				Kander, Allen .....	64	Savage & Bartlett .....	11
Bathurst Company Ltd. ....	19	Eagle Lumber Co. ....	62	Keenan Bros. ....	57	Savoie-Guay Co. ....	
Beauchemin & Fils .....	30	Eastman Lumber Co. ....	15	Keewatin Lumber Co. ....	12	Schroeder Mills & Timber Co. ...	21
Beck Mfg. Co., The C. ....	63	Eaton & Sons, J. R. ....	15	Kennedy & Sons, Wm. ....	73	Scott, Draper & Co. ....	28
Bell, Geo. W. ....	10	Eckardt & Co., H. P. ....	60	Kinnon Lumber Co. ....	22	Sewell, Jas. W. ....	11
Bennett Lumber Co. Ltd. ....	31	Edward & Co. Ltd., W. C. ....	31	Knox Brothers .....	3	Shevlin-Clark Co. ....	6
Benard Industrial Co., The A. ...		Elk Fire Brick Co. ....	82	Lamontagne Limited .....		Shimer Cutter Head .....	
Beveridge Supply Co. Ltd. ....		Elmira Machinery & Transmission		Langlois & Paradis .....	73	Shull Lumber & Shingle Co. ....	33
Big Bear Lumber Co. ....	26	Company .....	66	Larkin Co., C. A. ....		Shurly Dietrich Co. ....	
Bigley, R. ....	75	Engineering & Machine Works ..	60	Larkin Lumber Co. ....	15	Shurly Co. Ltd., T. F. ....	74
Black Rock Lumber Co. ....		Eureka Lumber Co. ....	65	Leigh Lumber Co. ....		Simonds Canada Saw Co. ....	34
Blanchard Lumber Co. ....	64			Lemay, E. H. ....	62	Smart, Jas. ....	74
Bowden Bros. ....	66	Farnworth & Jardine .....	10	Linton Lumber Co. ....	23	Smith Foundry Co. ....	81
Brady Machinery Co. ....	88	Fassett Lumber Co. ....	18	Llogie, W. S. ....	16	Smith, N. ....	10
Brantford Roofing Co. ....		Fesserton Lumber Co. ....	7	Lloyd, W. Y. ....	11	Spanish River Lumber Co. ....	8
British Columbia Lumber		Foley Lumber Co. ....	11	London Concrete Mach'y Co., Ltd.		Spry, John C. ....	65
Commissioner .....	14	Fraser Bryson Lumber Co. Ltd.	22	Long Bell Lumber Co. ....	32	Stack Lumber Co. ....	16
Brennen & Sons, F. W. ....	14	Fraser Companies Ltd. ....	17	Long Lumber Co. ....	23	Stalker, Douglas A. ....	30
Brewster Loud Lumber Co. ....	64	French, G. M. ....		Long Manufacturing Co., E. ....	86	St. Lawrence Lumber Co. ....	7
Brownlee, E. G. ....	65			Lumbermen's Indemnity		St. Mary's Wood Specialty Co. ...	10
Burchill & Sons, Geo. ....		Garrity-Lumber, E. M. ....	65	Exchange .....	1	Stillwell-Ruhlman Lumber Co. ...	64
Bury & Co., Robert .....	21	Gartshore, John J. ....	1			Story Lumber Co. ....	14
		Gates Engineering Co. ....		McCormack Lumber Co. ....		Stroud & Co., E. H. ....	73
		General Supply Co. of Canada,		McCuaig & Co., Jas. C. ....	22	Summers, James R. ....	10
		Ltd. ....		McDonagh Lumber Co. ....	14	Sutherland, A. A. ....	28
Cameron Lumber Co. ....	29	Gerlach Co., Peter .....	76	McElroy Lumber Co. ....	31	Swain & Boggs Co. ....	64
Campbell, MacLaurin Lumber		Gidley Boat Co. Ltd. ....	1	McFadden Ltd., J. J. ....	27		
Company .....	62	Gillespie, Jas. ....	11	McLennan Lumber Co. ....	15	Talbot Trustee Co., ....	64
Canada Foundries & Forgings ..	74	Gillies Bros., Ltd. ....	28	McLaren, Limited, D. K. ....	37	Terry-Nicholson-Cates Ltd. ....	9
Canadian General Lumber		Godfrey Lumber Co. ....	64	MacLean Building Reports .....	69	Thompson & Heyland Co. ....	28
Co., Ltd. ....		Goodhue & Co. Ltd., J. L. ....	71	McNeil Lumber Co. ....	63	Thurn Maxson Lumber Co. ....	
Canadian Link-Belt Co. ....	34	Goodday & Co., H. R. ....	18	Main Belting Co. of Canada ....	66	Thurston-Flavelle Ltd. ....	25
Canadian Western Lumber		Gordon & Co. Ltd., Geo. ....	8	Manufacturers' Lumber Co. ....	12	Timberland Lumber Co. ....	29
Co., Ltd. ....		Grant-Holden-Graham Ltd. ....	78	Mason & Co., G. ....	11	Timms, Phillips & Co. ....	33
Canada Wire & Iron Goods ....	1	Gloucester Lumber & Trading ...	20	Mason, Gordon & Co. ....	31	Toronto Blower Co. ....	63
Canfield-Wilmot, Ltd. ....	30	Gordon Lumber Co., A. E. ....	5	Maus, Chas. O. ....		Tudhope Anderson Co. Ltd. ....	
Cant & Kemp .....	10	Gravel Lumber Co. Ltd. ....	23	Mershon, Wm. B. ....		Turner & Sons, J. J. ....	1
Canadian Holt Co. ....	79	Gregertsen Brothers Co. ....	22	Miller Co., W. H. ....	28	Turner Lumber Agency .....	64
Canadian Milk Products .....		Green Co., G. Walter .....	72	Miller Lumber Co., Inc. ....	64		
Canadian Tie & Lumber Co. ....	27	Grier & Sons, G. A. ....	27	Montreal Locomotive Works ...	82	Underhill Lumber Co. ....	24-33
Carpenter-Gordon Co. ....	64	Greig-Morris Co. ....	28	Montreal Lumber Co. ....	10	U. S. Buyers .....	64-65
Chaleurs Bay Mills .....	13	Greening Wire Co., B. ....	79	Muir & Kirkpatrick .....	25		
Chesbro, R. G. ....	30	Gutta Percha & Rubber Ltd. ...	78	Mussens, Limited .....	77	Vancouver Lumber Co. Ltd. ....	33
Clark Bros. Co. ....	81			Nault & Deshaies .....	31	Victoria Harbor Lumber Co. Ltd.	18
Clark & Son, Edward .....	6	Hall, Adam .....	75	Neville Cooper Co. ....		Warburton & Co. Ltd., W. C. ...	73
Clark & Sons, Inc., Haniel ....	65	Hall Bros. ....	16	New Ontario Colonization Co. ...	12	Waterous Engine Works Co.,	
Cleveland-Sarnia Sawmills Co. ...	58	Hamilton Co., Ltd., Wm. ....	2	Northern Pacific Logging Co. ...	33	Limited .....	87
Climax Manufacturing Co. ....	57	Hansen, A. K. ....		Oliver Lumber Co. ....		Watson & Todd .....	12
Colthart & Co., Robt. ....	10	Hardy & Co., E. D. ....	1	Otis Staples Lumber Co., Ltd. ...	67	Webster Co., W. A. ....	65
Crane, Limited .....	74	Harris Lumber Co., Frank H. ...	25	Parry Sound Lumber Co. ....	12	Westminster Mill Co. ....	33
		Harris Tie & Timber Co. ....	13	Payette Co., P. ....	72	West Peachy & Sons .....	76
		Heaps & Sons, Ltd. ....		Pedwell Hardwood Lumber Co. ...	14	Wightman Lumber Co. ....	68
		Hettler Lumber Co., Herman H. ...	62	Petrie Ltd., H. W. ....		Wilkins Co. Ltd., Robert C. ....	30
		Hine Lumber Co. ....	65	Phillips, Thos. N. ....	15	Wistar, Underhill & Nixon ....	14
				Pink Co. Ltd., Thomas .....	76	Woods Mfg. Co. Ltd. ....	
				Powell Lumber & Timber Corp. ...	65	Woodstock Lumber Co. ....	64
				Power Lumber Co. ....	13		
						Yates Machine Co., P. B. ....	83
						York Belting Co. ....	10

## Resurface Your Roof

A coat of Reed's Roofing Cement—Plastic, Semi-Plastic or Liquid—will add years to the life of your roof.

This cement is the result of over Seventy Years practical Roofing experience. It will not peel nor blister and is absolutely unaffected by climatic changes.

Easy and inexpensive to apply. Ordinary labour can be used with satisfactory results.

Special prices by the barrel—Ask for them.



# Geo. W. Reed & Co. Ltd., Montreal



# The Three Goodhue Belts

**"EXTRA" "STANDARD" "ACME WATERPROOF"**

These three brands are made for three different services and each brand is the best quality made from selected hides with the stretch taken out.

"Goodhue Belts" stretch less than any other belt by 15 to 25 per cent. This quality effects a great saving because it is unnecessary to be continually shortening the belt to keep it taut.

"Acme Waterproof" brand is made for the wet places in a mill and will give a remarkable service under the most trying conditions. When you buy a belt—buy a Goodhue. Prices and particulars on request.

**J. L. Goodhue & Co., Limited**  
DANVILLE, QUEBEC

WINNIPEG AGENTS—Bissett & Webb, Ltd., (End of James St. East,) Winnipeg, Manitoba  
VANCOUVER AGENTS—Fleck Bros. Ltd., 110 Alexander Street, Vancouver, B.C.  
Standard Machinery and Supplies Ltd., 261 Notre Dame Street West, MONTREAL



## DUNLOP BELTING AND HOSE

for the  
**Lumbering Industry**

"GIBRALTAR REDSPECIAL"—the high-grade  
Transmission Belting for all Drives.

"FIRE HOSE"—a necessity where the Fire risk is  
high. "Dunlop" Brands afford ad-  
equate and efficient protection.

**DUNLOP**

Belting, Hose, Packing and General Mechanical Rubber Products for Every Purpose



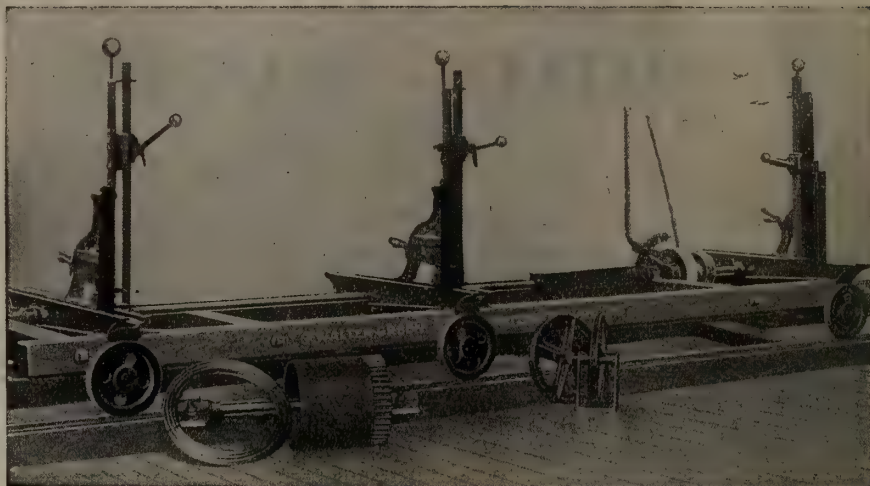
# The Carriage You Are Looking For

## Our No. 1 Size

**CARRIAGE**—Has three head blocks, as shown in cut, usually set 9 and 6 feet apart, will be placed any distance apart to suit purchaser. Knees open 38 in. from saw, and is fitted with Knight or Peel dogs, as desired. Taper movement on each knee. 1 15-16 in. steel set bar with steel pinions and coil spring receder, and friction lever brake for stopping knees where required. Timbers are 5 x 6 in., or heavier if desired, well bolted and braced. Diameter of truck wheel, 12 in. Axles 1 3/4 in. diameter, and extend clear across carriage, are furnished with self-oiling bearings. Front block is fitted with timber rule, placed as desired; 54 feet of V and flat track furnished with each carriage.

**SET WORKS**—As shown in cut, is made up of ratchet wheel 12 in. diameter, 4 in. face, with set lever carrying 7 steel pawls of varying lengths; also, same number of check pawls set in quadrant. Both sets of pawls are disengaged from either side of carriage when required to recede knees. This is a positive set, without lost motion.

**FEED WORKS**—As shown in cut, consists of 16 x 12 in. drum, with spur gear keyed to shaft. Pinion or friction shaft in saw frame engages with this gear. Cable takes two or three turns around drum, and is passed around end sheaves and attached to carriage. We also furnish 26 in. drum with internal gear in place of 16 in. drum when desired.



### GRAY IRON CASTINGS A SPECIALTY

*For Shingle, Lath and Portable Saw Mill Machinery write the well known manufacturers*

# The G. Walter Green Co., Limited

PETERBOROUGH, ONT.

Send for Catalogue

## Our Log Carriages

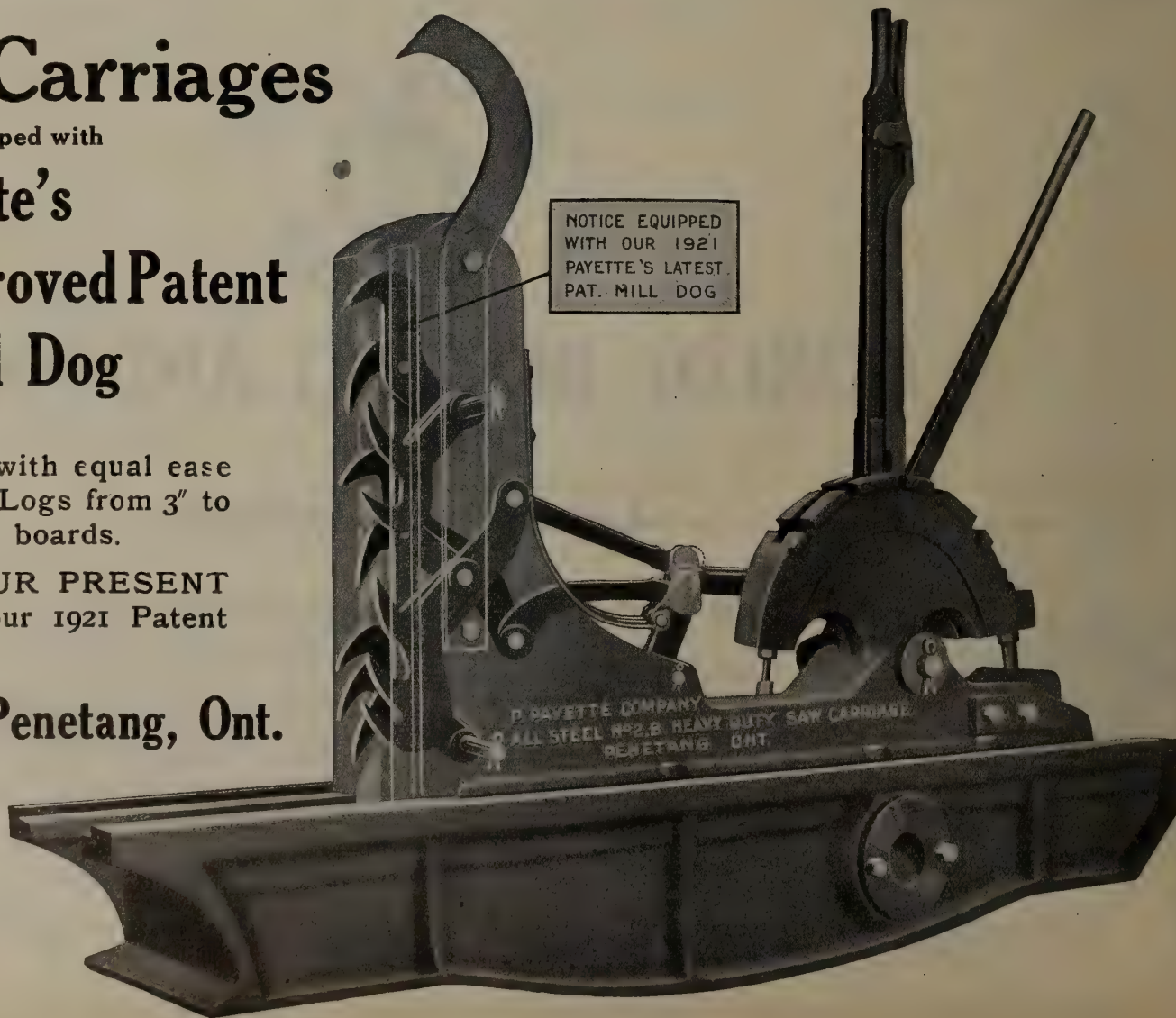
are now equipped with

## Payette's New 1921 Improved Patent Sawmill Dog

This dog handles with equal ease Pine or Hardwood Logs from 3" to 48" diam. or 1" x 3" boards.

We can equip YOUR PRESENT CARRIAGE with our 1921 Patent Dog.

P. Payette Co., Penetang, Ont.



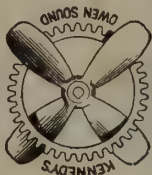


# To Purchasing Agents of Groceries and Camp Supplies

*Is our name on your Requisition List?*

## LANGLOIS & PARADIS, LTD.

19 ST. JAMES ST., QUEBEC CITY



## CASTINGS

*Sound Clean  
and True*

You can depend upon the quality of every Kennedy Casting. They are made in steel, grey iron, malleable iron, aluminum, brass and bronze.

**Expert Machine Work**

**The Wm. Kennedy & Sons**  
OWEN SOUND ONTARIO LIMITED

District Representatives:

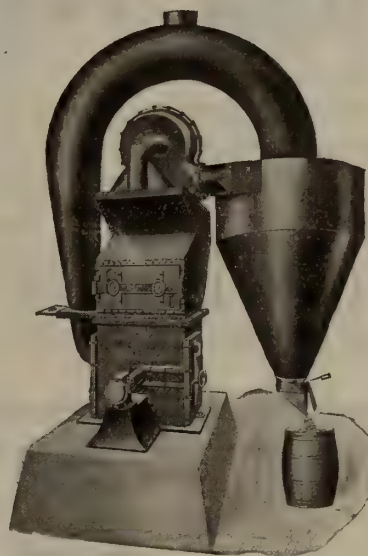
M. B. SAUNDERS,  
8 Silver Street, Cobalt  
Phone Cobalt 183

H. C. KENNEDY,  
232 St. James St., Montreal.  
Phone Main 394

Maritime Representative

C. A. FOWLER, Tramway Bldg., Halifax, N.S.

## STROUD AIR SEPARATION WOOD PULVERIZER



AN EFFICIENT METHOD  
AND  
MACHINE FOR MAKING  
**WOOD FLOUR**

FROM  
SAWDUST, SHAVINGS,  
PLANER CHIPS,  
AND  
OTHER WASTE WOOD  
OF  
FEED SIZE.

A VERY PROFITABLE  
DISPOSITION  
OF  
THESE PRODUCTS

OPERATES CON-  
TINUOUSLY WITH VERY  
LITTLE ATTENTION.

No bearings in the grinding chamber. No sieves or screens. Automatic lubrication. Makes Wood Flour far finer than any other known method. Made in 5 sizes.

The one machine makes any grade of Meal or Flour desired, at low cost.

**E. H. STROUD & COMPANY**

*Engineers and Manufacturers*

928, 930, 932 & 934 Fullerton Ave.

Chicago, Ill.

## Of Interest to Lumber Dealers

Because it fills a *real* need

### MELDRUM

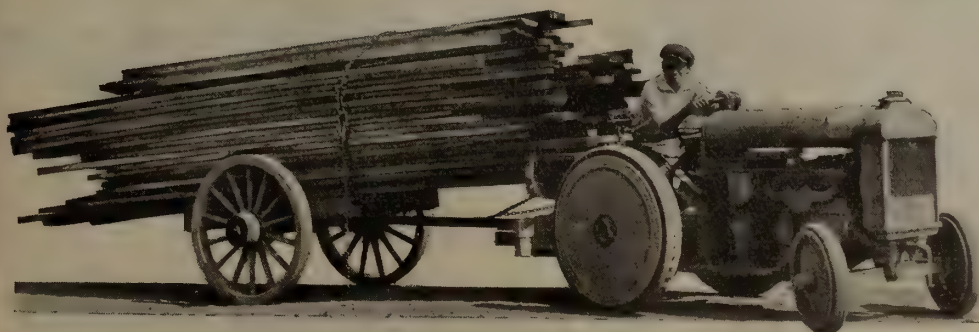
LUMBER HAULING ATTACHMENT  
(Patent Applied for)

PRICE \$125.00 f.o.b. Toronto

*Canadian Distributors*

**W. C. Warburton & Co. Limited**

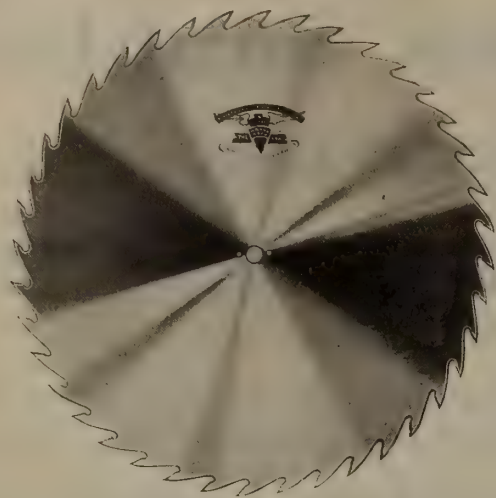
670 Bloor St. W. Toronto, Ont.



In addition to the Mel drum Lumber Hauling Attachment, we are distributors of two and four wheeled trailers—for the Fordson—equipped with lumber unloading device.



## For Economy's Sake - -



## Use Arrow Head Saws

The Chrome Vanadium Steel of which Arrow Head Saws are made and whose special process of tempering is known only to us, is giving mill owners the greatest "saw mileage" ever known.

**T. F. Shurly Co., Limited**  
St. Catharines, Ontario.

## A Sturdy Axe for Sturdy Men



The service that Smart's 444 Axe renders commends it to men who appreciate an axe of perfect balance and matchless cutting qualities.

Its nation-wide reputation is your best guarantee that Smart's 444 will stand up where "the going" is hardest.

**Single Bit  
Double Bit**

**Any Shape. Any Weight**

Ask your Hardware man

**James Smart Plant**  
Brockville, Ontario

St. John Montreal Toronto Winnipeg Vancouver



## CRANE

**Cast Iron Cast Steel Brass Ferrosteeel  
Flanged Gate Valves**

For low pressure, standard, extra heavy, hydraulic, superheated steam and extreme hydraulic pressures, ranging in size from 2 to 72 inches, and for working pressures from 50 to 3000 pounds.



*Manufacturers of Valves, Fittings and Piping Equipment and Distributors of Pipe, Plumbing and Heating Supplies.*

Branches and Warehouses:  
HALIFAX, OTTAWA, TORONTO,  
HAMILTON, LONDON, WINNIPEG,  
REGINA, CALGARY, VANCOUVER.

Sales Offices:  
ST. JOHN, N.B., QUEBEC, SHERBROOKE,  
EDMONTON, VICTORIA,  
SYDNEY, AUSTRALIA.

## CRANE LIMITED

HEAD OFFICE & SHOW ROOMS  
386 BEAVER HALL SQUARE  
MONTREAL  
Works  
1280 ST. PATRICK ST.  
MONTREAL

## CRANE-BENNETT LIMITED

Head Office and Warehouse:  
LONDON, ENGLAND.

Sales Offices:  
BIRMINGHAM, CARDIFF,  
GLASGOW, LEEDS, MANCHESTER.



Side Outlet  
Flanged Tee

Long Turn Elbow



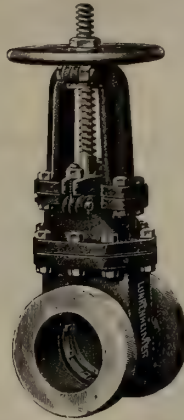
Single Sweep Tee



Base Elbow



Double Sweep Tee



Established 1875

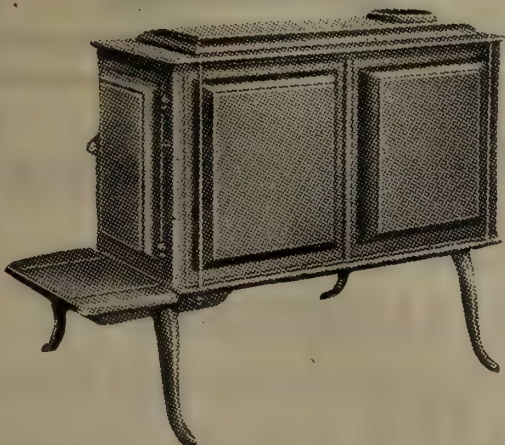
## THE R. BIGLEY MANUFACTURING CO. LTD., TORONTO, CAN.

*Manufacturers of*

Cast Iron Screwed and Flanged Fittings, Standard and Extra Heavy. Distributors of Lunkenheimer and Jenkins Valves, Wrought Iron Pipe, Packing, etc.

Let us know your requirements and we will be pleased to furnish immediate quotations.

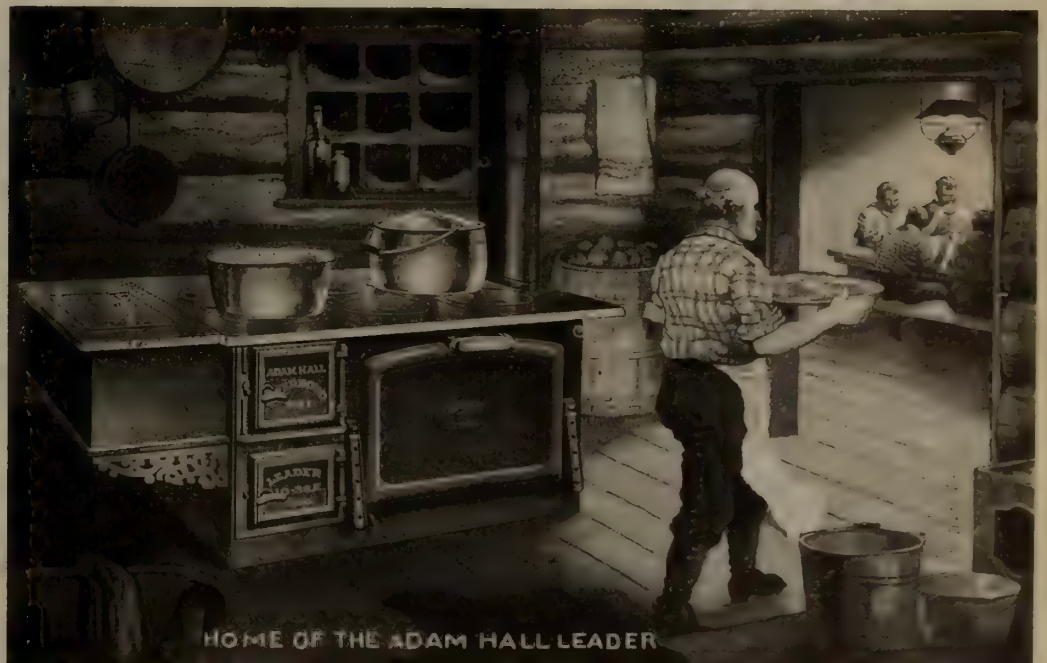
We can fill orders direct from stock.



## Invest Your Money Wisely!

Select Adam Hall Heaters and Ranges

*Highest Quality—Moderately Priced*



**ADAM HALL, LTD.** Peterborough, Ont.  
Pioneer Manufacturers of Camp Ranges and Heaters



# Pink's Lumbering Tools

The Standard Tools in every province of the Dominion, New Zealand, Australia, etc.  
We manufacture all kinds of lumber tools. Light and Durable.

Long Distance Phone, No. 87

Send for Catalogue and Price List.

Sold throughout the Dominion by all Wholesale and Retail Hardware Merchants.

## The Thomas Pink Company, Limited

Manufacturers of Lumber Tools

PEMBROKE

ONTARIO

It's a Pink any-  
way you take  
it and it's the  
best Peavey  
made.



MADE IN  
CANADA



*Not altogether what we say,  
but what users say*

"We have used the Alligator or Warping Tug manufactured by you for the last 7 or 8 years, and consider them indispensable to lumbermen on waters of French River or similar streams."

Will move a bag containing 60,000 logs,  
in calm weather, 30,000 in a head wind.

**West, Peachey & Sons Simcoe, Ont.**



## Gerlach Modern Machinery Produces Cheaper and Better

Tight and Slack Cooperage Stock for Barrels, Kegs and Tubs, ready to set up into non-leaking packages of 5 to 120 gallons liquid capacity, or for semi-liquid and dry materials up to 800 lbs. weight. We manufacture machinery for sawing, jointing, planing and crozing staves; for sawing, jointing, dowseling, planing and circling heading.

### MODERNIZE YOUR PLANT

Scrap Machinery invented before the Civil War and install a Gerlach Outfit that will make Tight Barrels that are tight, from any strong non-porous timber.

### BUILD

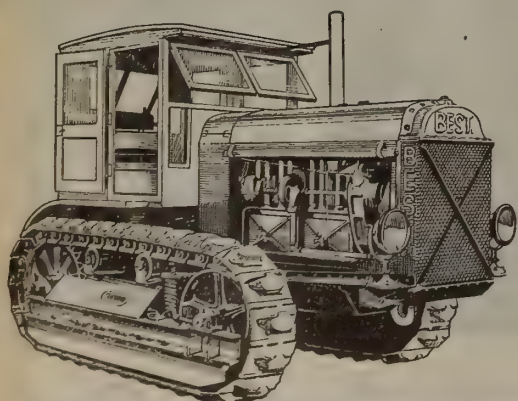
Barrels with perfect joints that will not leak; a product that is infinitely superior to the tin and iron near barrels now being experimented with. Wood is tasteless, stainless and rustless and being a poor conductor of heat or moisture, keeps its contents in their original condition.

CYLINDER SAWS RESTEELED

MODERN BOXBOARD MACHINERY

## The Peter Gerlach Co.

Columbus, Winter and Leonard Sts.  
CLEVELAND, OHIO



## The "BEST" Logging Cruiser

Lends itself to varied tasks of

### LOGGING AND LUMBERING

MOVES LOGS AT LESS COST THAN WITH HORSES OR DONKEY ENGINES

LOG LOADERS

LOGGING CABLES

## F. H. HOPKINS & COMPANY, LIMITED

Head Office: MONTREAL

Branch: TORONTO





Linn Logging Tractor on operation of the International Land & Lumber Company, Limited, near St. Felicien, (District of Lake St. John, Que.)

# THE LINN LOGGING TRACTOR

In northwestern Quebec the snow came very late last winter. The above illustration shows the Linn Logging Tractor hauling logs on the operation of the International Land & Lumber Company Limited.

At the time the photograph was taken there was barely a foot of snow in the bush—yet, the Linn Logging Tractor was hauling its trains of logs to the dump—over poor roads—up bad grades and down steep hills.

The International Land & Lumber had completed their haul by the first of March. Their haul was about seven miles—and, even though their overhead charges included 100% depreciation on the Tractor in the first year, they report that, including all their costs from skidway to dump, (including the cost of hauling water for sprinkling over a distance of four miles from the nearest water hole to the point where it was used) their logs cost but \$3.50 per thousand feet at the dump.

This is the Sixth of a series of photographs taken in operations in Ontario and Quebec, where Linn Logging Tractors were in operation—The Seventh will appear in the July 1st issue of this magazine.

*“Ask the logger who uses one”*

—Logging Department—

## MUSSENS LIMITED

Philips Place Building

Montreal



## TENTS

We make all kinds and styles of Tents, Tarpaulins, Packsacks and Dunnage Bags.

In fact we can supply all Lumbermen's requirements and give satisfaction.

Write for our new complete catalogue.



## CLOTHING

G - H - G Clothing means complete satisfaction.

With our many years of experience in making clothing for Lumbermen we know their requirements in comfort and wear.

Our **DURABIL** Mackinaws are the pride of the Lumbermen.

# Grant-Holden-Graham

*Manufacturing Wholesalers and Importers* **Limited**

**Ottawa**

**147-151 Albert Street**

**Canada**



# Rubber Goods FOR LUMBERMEN

**Belting** Our long experience in the making of Rubber Belts enables us to specialize on this line. "P. M. S.," "Special Drive" and "Lion" are our leading brands for power transmission.

**Packings** "Redstone" High Pressure Sheet Packing has proved by test that it will outlast any other similar packing on the market. We make Spiral and Ring Packings, etc., that are equally reliable.

**Hose** for Steam, Water, etc., in various grades, made especially to give satisfactory and economical service under different conditions.

**Fire Hose** One or more of our twenty brands of Fire Hose will be found, not only in the best equipped Factories, Mills, etc., but in almost every Fire Department in the Dominion.

**Rubber Footwear** We make a complete line of Lumbermen's boots. For over 25 years, our Maltese Cross Brand has been the leading line in Canada. Make sure you get this old dependable brand.

## Gutta Percha & Rubber Limited

TORONTO	HALIFAX	MONTREAL	OTTAWA	HAMILTON	LONDON	FORT WILLIAM	WINNIPEG	REGINA
SASKATOON	EDMONTON	CALGARY	LETHBRIDGE	VANCOUVER	VICTORIA			





## GREENING WIRE ROPE

### **Strength**

The finest materials and careful workmanship that go into Greening's Wire Rope are the source of its unusual strength. Quality has been Greening motto for sixty years.

### **Adaptability**

The B. Greening Wire Company have kept accurate record of all conditions under which their rope has been used. This data is available to users of wire rope without obligation and frequently saves them time and money.

*Write for complete catalog*

**The B. Greening Wire Co., Limited**  
Hamilton, Ontario  
Montreal      Winnipeg

**Greening service is prompt and efficient. Ample stocks are carried at all warehouses so that orders can be taken care of immediately.**



## Winter Performance Proves "Caterpillar"\* Efficiency

Such big operators as the Abitibi Power and Paper Company, the Mt. Murray Woodlands Corporation, and the Anglo-New Foundland Development Company have proved conclusively the superiority and dependability of the "Caterpillar" Tractor for winter logging. The experience of Holt users is the soundest reason for every lumber and pulpwood manufacturer to investigate "Caterpillar" performance in last winter's operations. Holt service is equal to every requirement. We have convincing facts to give you applying to your work.

*\*There is but one "Caterpillar"—Holt builds it*

**CANADIAN HOLT COMPANY, Limited**

1109 St. Catherine St., W. Montreal, P.Q.      Telephone Uptown 1504

*Complete service stocks in all principal lumbering districts.*

**CATERPILLAR**  
**H O L T**



# CANADA LUMBERMAN BUYERS' DIRECTORY

The following regulations apply to all advertisers:—Eighth page, every issue, three headings; quarter page, six headings; half page, twelve headings; full page, twenty-four headings

## ALLIGATORS

Payette Company, P.  
West, Peachy & Sons

## AXES

Canada Foundries & Forgings Ltd.

## BABBITT METAL

General Supply Co., of Canada, Ltd.

## BAND MILLS

Clark Brothers, Co.  
Hamilton Company, William  
Waterous Engine Works Company  
Yates Machine Company, P. B.

## BAND SAW BLADES

Simonds Mfg., Co.

## BAND RESAWS

Mershon & Company, W. B.  
Yates Machine Co., P.B.

## BARKERS

Smith Foundry & Machine Co.

## BEARING METAL

Beveridge Supply Co., Ltd.

## BELT DRESSING

Dominion Belting Co.  
General Supply of Canada, Ltd.  
McLaren, D. K. Ltd.

## BELT FASTENERS

McLaren, D. K. Ltd.

## BELTING

Dominion Belting Co.  
General Supply Company  
Goodhue & Co., J. L.  
Gutta Percha & Rubber Company  
D. K. McLaren, Limited  
York Belting Co.

## BLOWERS

Reed & Co., Geo. W.  
Toronto Blower Company

## BOILERS

Engineering & Machine Works of  
Canada  
Hamilton Company, William  
Waterous Engine Works Company

## BOILER PRESERVATIVE

Beveridge Supply Company

## BOX MACHINERY

Yates Machine Company, P. B.

## CABLE CONVEYORS

Engineering & Machine Works of  
Canada.  
Hamilton Company, William  
Waterous Engine Works Company

## CAMP SUPPLIES

Canadian Milk Products Ltd.  
Davies, The Wm. Co., Ltd.  
Dr. Bell Veterinary Wonder Co.  
Johnson, A. H.  
Turner & Sons, J. J.  
Woods Manufacturing Co., Ltd.

## CANT HOOKS

General Supply Co., of Canada, Ltd.  
Pink & Company, Thomas

## CARS

Mussens, Ltd.

## CEDAR

Adams River Lumber Co.  
Bury & Co., Robt.  
Cameron Lumber Co.  
Canadian Western Lumber Co.  
Chesbro, R. G.  
Fesserton Timber Company  
McElroy Lumber Co., Ltd.  
Muir & Kirkpatrick  
Rose, McLaurin, Limited  
Terry-Nicholson-Cates Ltd.  
Thurston-Flavelle Lumber Co.  
Vancouver Lumber Company.

## CHAINS

Canadian Link-Belt Company, Ltd.  
General Supply Co., of Canada, Ltd.  
Engineering & Machine Works of  
Canada  
Hamilton Company, William  
Pink & Company, Thomas  
Waterous Engine Works Company

## CLOTHING

Woods Mfg. Company

## CONCRETE MIXERS

Mussens, Ltd.

## CONVEYOR MACHINERY

Canadian Link-Belt Company, Ltd.  
General Supply Co., of Canada, Ltd.  
Hamilton Company, William  
Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.  
Waterous Engine Works Company

## COUPLING (Shaft)

Engineering & Machine Works of  
Canada

## CRANES

Hopkins & Co., Ltd., F. H.  
International Land & Lumber Co.  
Canadian Link-Belt Company, Ltd.

## CUTTER HEADS

Shimer Cutter Head Company  
Yates Machine Co., P.B.

## CYPRESS

Thurn-Maxson Lumber Co.  
Wistar, Underhill & Nixon

## DERRICKS AND DERRICK FITTINGS

Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.

## DOORS

Canadian Western Lumber Co.  
Mason, Gordon & Co.  
Terry-Nicholson-Cates Ltd.

## DOORS, FIREPROOF

Mussens, Ltd.

## DRAG SAWS

Gerlach Company, Peter  
Hamilton Company, William

## DUST COLLECTORS

Reed & Co., Geo. W.  
Toronto Blower Company

## EDGERS

Hamilton Company, Ltd., William  
Green Company, G. Walter  
Long Mfg. Company, E.  
Payette Company, P.  
Waterous Engine Works Company  
Yates Machine Co., P.B.

## ELEVATING AND CONVEYING MACHINERY

Canadian Link-Belt Company, Ltd.  
Engineering & Machine Works of  
Canada

Hamilton Company, William  
Mussens, Ltd.  
Waterous Engine Works Company

## ENGINES

Engineering & Machine Works of  
Canada  
Hamilton Company, William  
Payette Company, P.  
Waterous Engine Works Company

## EXCELSIOR MACHINERY

Elmira Machinery & Transmission  
Company

## EXHAUST FANS

Toronto Blower Company

## EXHAUST SYSTEMS

Neville-Cooper Co.  
Reed & Co., Geo. W.  
Toronto Blower Company

## FURNACES

Gates Engineering Co.

## FILES

Simonds Canada Saw Company

## FIR

Adams River Lumber Co.  
Apex Lumber Co.  
Associated Mills, Limited  
Bainbridge Lumber Company  
Cameron Lumber Co.  
Canadian Western Lumber Co.  
Canfield-Wilmot, Ltd.  
Chesbro, R. G.  
Fesserton Timber Co.  
Gordon Lumber Co., A. E.  
Grier & Sons, Ltd., G. A.  
Knox Brothers  
Mason, Gordon & Co.  
McElroy Lumber Co., Ltd.  
Rat Portage Lumber Co.  
Robertson & Hackett Sawmills  
Rose, McLaurin, Limited  
Terry-Nicholson-Cates Ltd.  
Timberland Lumber Company  
Timms, Phillips & Co.  
Underhill Lumber Co.  
Vancouver Lumber Company

## FIRE BRICK

Beveridge Supply Co., Limited  
Elk Fire Brick Company of Canada

## FIRE FIGHTING APPARATUS

Waterous Engine Works Company

## FITTINGS

Crane Limited

## FLOORING

Cameron Lumber Co.  
Canfield-Wilmot, Ltd.  
Chesbro, R. G.  
Gordon Lumber Co., A. E.  
Long-Bell Lumber Company  
Rat Portage Lumber Co.  
Terry-Nicholson-Cates, Ltd.

## GEARS (Cut)

GUARDS (Machinery and Window)  
Canada Wire & Iron Goods Co.

## HARDWOODS

Anderson Lumber Company, C. G.  
Anderson, Shreiner & Mawson  
Atlantic Lumber Company  
Black Rock Lumber Co.  
Bury & Co., Robt.  
Cameron & Company  
Clark, Edward & Sons  
Edwards & Co., W. C.  
Fassett Lumber Company, Limited  
Fesserton Timber Co.  
Gillespie, James  
Gloucester Lumber & Trading Co.  
Grier & Sons, Ltd., G. A.  
Harris Lumber Co., Frank H.  
Kinnon Lumber Co.  
Lemay, E. H.  
Long-Bell Lumber Co.  
Thurn-Maxson Lumber Co.  
Knox Brothers  
Mason & Company, Geo.  
McDonagh Lumber Company  
McLennan Lumber Company  
McNeil Lumber Co.  
Pedwell Hardwood Lumber Co.  
Summers, James R.  
Story Lumber Co.  
Sutherland Lumber Co., A. A.

## HARDWOOD FLOORING

Grier & Sons, Ltd., G. A.

## HARNESS

Lamontague, Ltd.

## HEMLOCK

Anderson Lumber Company, C. G.  
Anderson, Shreiner & Mawson  
Beck, C. Mfg. Co.  
Big Bear Lumber Co.  
Canadian General Lumber Company  
Edwards & Co., W. C.  
Fesserton Timber Co.  
Gordon Lumber Co., A. E.  
Grier & Sons, Ltd., G. A.  
Hocken Lumber Company  
Mason, Gordon & Company  
McCormack Lumber Company  
McDonagh Lumber Company  
McElroy Lumber Co., Ltd.  
Rat Portage Lumber Co.  
Robertson & Hackett Sawmills  
Stalker, Douglas A.  
Sutherland Lumber Co., A. A.  
Terry-Nicholson-Cates Ltd.  
Thompson-Heyland Lumber Co.  
Vancouver Lumber Company

## HOISTING AND HAULING ENGINES

General Supply Co., of Canada, Ltd.

(Continued on page 124)





## SAVE 400,000 TO 500,000 FT. OF LUMBER A YEAR

If you work timber tracts from two to ten million feet in size it will pay you many times over to investigate the CLARK FIVE FOOT BAND MILL. It will saw your lumber as cleanly and accurately as larger Band Mills and enables you to have from 10% to 15% more lumber to sell than if you sawed your logs on a circular mill with its 5/16" to 3/8" saw kerf.

It will mean a year's time from 400,000 to 500,000 feet of lumber which at \$25.00 per thousand amounts to almost \$15,000 a year with no increase in logging or sawing costs.

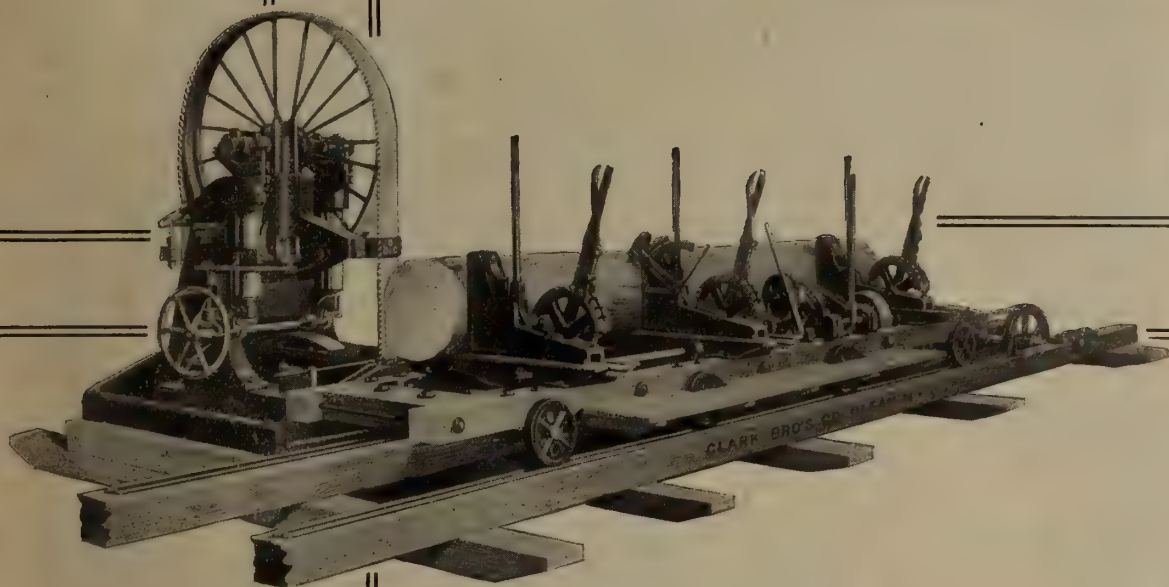
The slight increase in initial cost over the portable circular mill is greatly offset by the savings effected in a few months' time.

## CLARK BROTHERS COMPANY

Established 1880

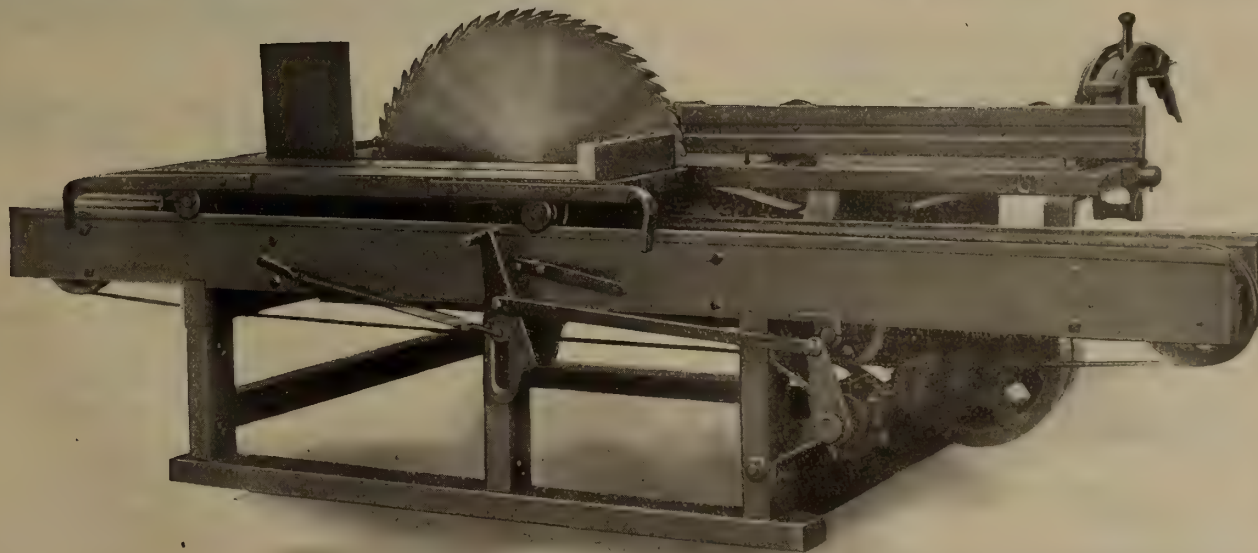
OLEAN

N.Y.



*Our bulletin describes the advantages and economies of the Clark Five Foot Band Mill. Write for your copy.*

## "Superior" Automatic Bolter



The Superior Automatic Bolter was designed and built especially for Fraser Co's. Ltd., for use in their lath mills.

A feature of this machine is its simplicity, great strength and enormous capacity for hard, continuous work. It will make from 12 to 15 cuts per minute and is ideal for sawing mining lath, bolting round wood for house lath, or bolting white birch for spool bars. The hand lever on the side gives the operator full control of the machine

at all times, as to stopping and starting, either forward or backward. A small dog holds the control lever in the stop position.

Prices and full particulars may be obtained by writing—

**THE SMITH FOUNDRY CO., LTD.**

Fredericton - New Brunswick



Hopkins & Co., Ltd., F. H.  
London Concrete Machinery Co.  
Mussens, Ltd.

#### HOSE

Dunlop Tire & Rubber Goods Co.  
General Supply Co., of Canada, Ltd.  
Gutta Percha & Rubber Company  
Mussens, Ltd.

#### INSURANCE

Hardy & Company, E. D.  
Lumberman's Indemnity Exchange  
Rankin Benedict Underwriting Co.

#### INTERIOR FINISH

Cameron Lumber Company  
Canadian Western Lumber Co.  
Canfield-Wilmot, Ltd.  
Eagle Lumber Company  
Mason, Gordon & Co.  
Rose, McLaurin, Limited  
Terry-Nicholson-Cates, Ltd.

#### KILN DRIED LUMBER

Bury & Co., Robt.

#### KNIVES

Simonds Canada Saw Company  
Waterous Engine Works Company

#### LAMPS AND LANTERNS

Coleman Lamp Co.  
Mussens, Ltd.

#### LARCH

Otis Staples Lumber Company

#### LATH

Adams River Lumber Co.  
Anderson, Shreiner & Mawson  
Apex Lumber Company  
Austin & Nicholson  
Beauchemin & Fils, P.  
Beck, C. Mfg. Co.  
Brennen & Sons  
Cameron Lumber Company  
Canadian General Lumber Company  
Chaleurs Bay Mills

Dadson, A. T.  
Eagle Lumber Company  
Fassett Lumber Company, Limited  
Foley Lumber Company  
Fraser Bryson Lumber Co., Ltd.  
French, G. M.  
Gloucester Lumber & Trading Co.  
Gordon Lumber Co., A. E.  
Greig Morris Ltd.  
Grier & Sons, Ltd., G. A.  
Harris Tie & Timber Company, Ltd.  
Larkin Company, C. A.  
McLennan Lumber Company  
Miller, W. H. Company  
New Ontario Colonization Company  
Otis Staples Lumber Company  
Power Lumber Company  
Shevlin-Clarke Company  
St. Lawrence Lumber Co.  
Terry-Nicholson-Cates, Ltd.  
Victoria Harbor Lumber Company

#### LATH BOLTERS

General Supply Co. of Canada, Ltd.  
Hamilton Company, William  
Payette & Company, P.

#### LOCOMOTIVES

Engineering & Machine Works of  
Canada  
General Supply Co. of Canada, Ltd.  
Hopkins & Co., Ltd., F. H.  
Climax Manufacturing Company  
Montreal Locomotive Works  
Mussens, Ltd.

#### LINK-BELT

Canadian Link-Belt Company  
Hamilton Company, William

#### LOCOMOTIVE CRANES

Canadian Link-Belt Company  
Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.

#### LOGGING ENGINES

Engineering & Machine Works of  
Canada

Hopkins & Co., Ltd., F. H.  
Mussens Limited

#### LOG HAULER

Engineering & Machine Works of  
Canada  
Green Company, G. Walter  
Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.  
Payette & Company, P.  
Warburton & Co. Ltd., W. C.

#### LOGGING MACHINERY AND EQUIPMENT

Clark Brothers, Co.  
General Supply Co. of Canada, Ltd.  
Gerlach Co., Peter  
Hamilton Company, William  
Hopkins & Co., Ltd., F. H.  
Payette & Company, P.  
Smith Foundry Co.  
Warburton Co. Ltd., W. C.  
Waterous Engine Works Company  
West, Peachey & Sons  
Mussens Limited

#### LUMBER TRUCKS

Hamilton Company, William  
Mussens, Ltd.  
Waterous Engine Works Company

#### LUMBERMEN'S CLOTHING

Wilkins Co. Ltd., Robert C.

#### LUMBERMEN'S BOATS

Adams Engine Company  
Gidley Boat Company  
West, Peachey & Sons

#### MILL PIPING

Neville-Cooper Co.

#### NAILING MACHINES

Yates Machine Co., P.B.

#### OAK

Long-Bell Lumber Company  
Thurn-Maxson Lumber Co.

#### PACKING

Beveridge Supply Company  
Gutta Percha & Rubber Company

#### PANELS

Bury & Company, Robt.

#### PAPER

Beveridge Supply Company

#### PINE

Adams River Lumber Co.  
Anderson Lumber Company, C. G.  
Anderson, Shreiner & Mawson  
Atlantic Lumber Company  
Austin & Nicholson  
Beck, C. Mfg. Co.  
Big Bear Lumber Co.  
Black Rock Lumber Co.  
Cameron Lumber Company  
Canadian General Lumber Company  
Canadian Western Lumber Co.  
Canfield-Wilmot, Ltd.  
Chesbro, R. G.  
Cleveland-Sarnia Sawmills Company  
Dadson, A. T.  
Dudley, Arthur N.

Eagle Lumber Company  
Edwards & Co., W. C.

Fesserton Timber Co.  
Fraser Bryson Lumber Co., Ltd.

Gillies Bros, Limited  
Gloucester Lumber & Trading Co.  
Gordon Lumber Co., A. E.  
Gordon & Company, George  
Goodday & Company, H. R.  
Greig Morris Ltd.  
Grier & Sons, Ltd., G. A.  
Harris Lumber Co., Frank H.

Harris Tie & Timber Company, Ltd.  
Hettler Lumber Co., Herman H.  
Hocken Lumber Company

Iulien, Roch  
Lemay, E. H.  
Lloyd, W. Y.

Loggie Company, W. S.  
Long-Bell Lumber Company  
Long Lumber Co.

Mason, Gordon & Co.

(Continued on page 128)

# FIRE BRICK AND CLAY

We make several brands of fire brick by every known process of manufacture from a selection of various high grade Pennsylvania clays. This enables us to furnish the best for your boilers, dutch ovens, refuse burners, kilns, etc. We specialize in fire brick for power plants and if you will advise us whether your boilers are hand fired or stoker fired and kind of fuel used we can then give you the proper brick for your work.

We carry a large stock of our different brands in various sizes and shapes in our Hamilton warehouse which enables us to ship at once.

We manufacture the following well-known brands:

"Elkco Special," "Elk Steel,"  
"St. Marys," "Keystone" and "M.D. Elk"

Write for copy of our catalogue,

**Elk Fire Brick Co. of Canada, Ltd.**

HIGH GRADE FIRE BRICK and CLAY

**Sun Life Bldg., Hamilton, Canada**

Representatives for Maritime Provinces:

**RHODES, CURRY COMPANY, Ltd., Head Office, AMHERST, N.S.**  
Branches at Sydney and New Glasgow, N. S.



## Put your problem up to us

We are specialists in building locomotives. We build all types and sizes, also all kinds of repair parts for locomotives and tenders.

Our experience puts us in a position to give you expert advice as to what particular type and size of locomotive is best suited to your needs.

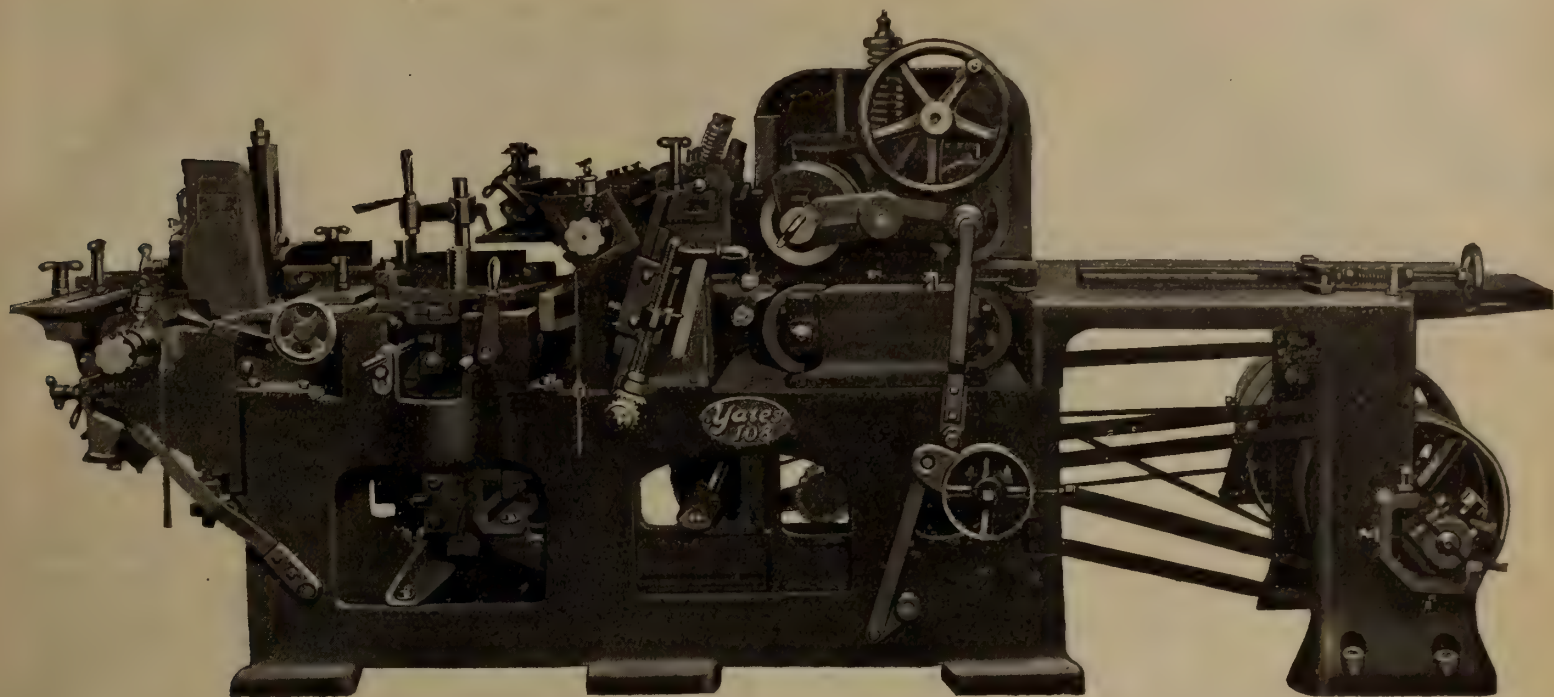
**Put Your Locomotive Problem  
up to us.**

**Montreal Locomotive Works**

Limited

**Dominion Express Building, : Montreal, Canada**





# A RELIABLE AND FINE PERFORMING MOULDER

The exceedingly wonderful prestige of this moulder is evidenced best by investigating mills throughout the world and seeing the hundreds and hundreds of machines bearing the Yates 108 name-plate.

Surely there is something in Yates 108 which accounts for this remarkably high standing. To follow a 108 during construction is a revelation. Examine any big feature or any small detail. Even the coiled springs on the chipbreaker are special-made; they allow each section of the chipbreaker to yield, yet afford an even bearing across the bed plate upon stock of irregular thickness.

Comparison of Yates No. 108 with any other moulder will demonstrate its superiority. More than likely you will install the 108 when in the market for this kind of equipment.

***P.B. Yates Machine Co. Ltd.***  
**HAMILTON - ONTARIO**

**EASTERN SALES OFFICE**

**263 ST. JAMES ST., MONTREAL, QUE.**

**WORLD'S LARGEST MANUFACTURERS OF WOODWORKING MACHINERY**



McCormack Lumber Company  
McFadden, J. J.  
McLennan Lumber Company  
Montreal Lumber Company  
Muir & Kirkpatrick  
Otis Staples Lumber Company  
Parry Sound Lumber Company  
Rolland Lumber Company  
Shevlin-Clarke Company  
Stalker, Douglas A.  
Summers, James R.  
Terry-Nicholson-Cates Ltd.  
Thompson-Heyland Lumber Co.  
Victoria Harbor Lumber Company  
Watson & Todd, Limited

**PLANING MILL EXHAUSTERS**  
Toronto Blower Company

**PLANING MILL FANS (Reversible)**  
Mussens, Ltd.

**PLANING MILL MACHINERY**  
Mershon & Company, W. B.  
Toronto Blower Company  
Yates Machine Company, P. B.

#### POPLAR

Keewatin Lumber Co.

**PORTABLE SAWMILLS**  
Brady Machinery Co.

**POST GRINDERS**  
Smith Foundry Company

**POSTS AND POLES**  
Anderson, Shreiner & Mawson  
Canadian Tie & Timber Co.  
Eagle Lumber Company  
Gordon Lumber Co., A. E.  
Harris Tie & Timber Company, Ltd.  
Long-Bell Lumber Company  
Mason, Gordon & Co.  
McLennan Lumber Company  
Terry-Nicholson-Cates Ltd.

**PULLEYS AND SHAFTING**  
Bernard Industrial Co., The A.  
Canadian Link-Belt Company  
General Supply Co. of Canada, Ltd.  
Green Company, G. Walter  
Engineering & Machine Works of Canada  
Hamilton Company, William  
McLaren, D. K. Ltd.

**PULP MILL MACHINERY**  
Canadian Link-Belt Company  
Engineering & Machine Works of Canada  
Hamilton Company, William  
Payette & Company, P.  
Waterous Engine Works Company

**PULPWOOD**  
British & Foreign Agencies  
D'Auteuil Lumber Company  
St. Lawrence Lumber Co.  
Scott, Draper & Company

**PUMPS**  
Engineering & Machine Works of Canada  
General Supply Co. of Canada, Ltd.  
Hamilton Company, William  
Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.  
Waterous Engine Works Company

**RAILS**  
Gartshore, John J.  
Hopkins & Co., Ltd., F. H.  
Mussens, Ltd.

**ROOFINGS**  
(Rubber, Plastic and Liquid)  
Beveridge Supply Company  
Reed & Co., Geo. W.

**RUBBER GOODS**  
Dunlop Tire & Rubber Goods Co.  
Gutta Percha & Rubber Company

**SAWS**  
Atkins & Company, E. C.

General Supply Co. of Canada, Ltd.  
Gerlach Company, Peter  
Green Company, G. Walter  
Hoe & Company, R.  
Radcliff Saw Mfg. Company  
Shurly Company, Ltd., T. F.  
Shurly-Dietrich Company  
Simonds Canada Saw Company

#### SAW GRINDERS

Smith Foundry Company

**SAW MILL LINK-BELT**  
Canadian Link-Belt Company

**SAW MILL MACHINERY**  
Brady Machinery Co.  
Canadian Link-Belt Company  
Clark Bros. Co.  
General Supply Co. of Canada, Ltd.  
G. Walter Green Company, Ltd.  
Hamilton Company, William  
Long Mfg. Company, E.  
Mershon & Company, W. B.  
Parry Sound Lumber Company  
Payette & Company, P.  
Waterous Engine Works Company  
Yates Machine Company, P. B.

#### SAW SHARPENERS

Hamilton Company, William  
Waterous Engine Works Company

#### SAW SLASHERS

Hamilton Company, William  
Payette & Company, P.  
Waterous Engine Works Company

#### SHINGLES

Apex Lumber Company  
Associated Mills, Limited  
Cameron Lumber Company  
Campbell-McLaurin Lumber Co.  
Canadian Western Lumber Co.  
Chaleurs Bay Mills  
Chesbro, R. G.  
D'Auteuil Lumber Company  
Eagle Lumber Company  
Fraser, Companies Limited  
French, G. M.  
Gillespie, James  
Gloucester Lumber & Trading Co.  
Gordon Lumber Co., A. E.  
Grier & Sons, Ltd., G. A.  
Harris Tie & Timber Co., Ltd.  
Mason, Gordon & Co.  
McLennan Lumber Company  
McNeil Lumber Co.  
Miller Company, Ltd., W. H.  
Phillips, Thos. N.  
Rose, McLaurin, Limited  
Stalker, Douglas A.  
St. Lawrence Lumber Co.  
Terry-Nicholson-Cates Ltd.  
Timms, Phillips & Company  
Vancouver Lumber Company

**SHINGLE & LATH MACHINERY**  
Green Company, C. Walter  
Hamilton Company, William  
Long Manufacturing Company, E.  
Payette & Company, P.  
Smith Foundry Company

**SILENT CHAIN DRIVES**  
Canadian Link-Belt Company

**SMOKESTACKS**  
Hamilton Company, William  
Neville-Cooper Co.  
Reed & Co., Geo. W.  
Waterous Engine Works Company

**SNOW PLOWS**  
Pink & Company, Thomas

**SPARK ARRESTORS**  
Reed & Company, Geo. W.  
Waterous Engine Works Company

**SPRUCE**  
Adams River Lumber Co.  
Anderson, Shreiner & Mawson  
Beauchemin & Fils, P.  
Big Bear Lumber Co.  
Cameron Lumber Company

Campbell, McLaurin Lumber Co.  
Canadian Western Lumber Co.  
Chesbro, R. G.  
Dadson, A. T.  
Dudley Arthur N.  
Fassett Lumber Company, Ltd.  
Fraser, Companies Limited  
Fraser Bryson Lumber Co., Ltd.  
Gillies Brothers  
Gloucester Lumber & Trading Co.  
Goodday & Company, H. R.  
Gordon Lumber Co., A. E.  
Gravel Lumber Co.  
Greig Morris Ltd.  
Grier & Sons, Ltd G. A.  
Harris Lumber Co., Frank H.  
Hocken Lumber Company  
International Land & Lumber Co.  
Julien, Roch  
Kent James, Robt.  
Larkin Co., C. A.  
Linton Lumber Co.  
Lloyd, W. Y.  
Loggie Co., W. S.  
Mason, Gordon & Co.  
McCormack Lumber Co.  
McDonagh Lumber Co.  
McElroy Lumber Co., Ltd.  
McLennan Lumber Company  
Muir & Kirkpatrick  
New Ontario Colonization Co.  
Power Lumber Co.  
Rat Portage Lumber Co.  
Rolland Lumber Co.  
Rose, McLaurin, Limited  
Story Lumber Co.  
Sutherland Lumber Co., A. A.  
Terry-Nicholson-Cates Ltd.  
Thompson-Heyland Lumber Co.  
Vanderhoof Lumber Company

**STEAM ENGINES**  
Lamontague, Ltd.

**STEAM SHOVELS**  
Hopkins & Co., Ltd., F. H.

**STEEL CHAIN**  
Canadian Link-Belt Company  
Hopkins & Co., Ltd., F. H.  
Waterous Engine Works Company

**STEAM PLANT ACCESSORIES**  
Waterous Engine Works Company

**TARPAULINS**  
Turner & Sons, J. J.  
Woods Manufacturing Company Ltd.

**TANKS**  
Hopkins & Co., Ltd., F. H.  
Horton Steel Works

**TENTS**  
Turner & Sons, J. J.  
Woods Mfg. Company

**TIES**  
Austin & Nicholson  
Carew Lumber Co., John  
Canadian Tie & Lumber Co.  
Chaleurs Bay Mills  
D'Auteuil Lumber Co.  
French, G. M.  
Gloucester Lumber & Trading Co.  
Harris Tie & Timber Company Ltd.  
International Land & Lumber Co.  
McLennan Lumber Company  
McNeil Lumber Co.  
Miller, W. H. Co.  
Scott, Draper & Co.  
Terry-Nicholson-Cates Ltd.

**TIMBER BROKERS**  
Cant & Kemp  
Farnworth & Jardine

**TIMBER CRUISERS AND ESTIMATORS**

Savage & Bartlett.  
Sewell, James W.

**TIMBER LANDS**  
Department of Lands & Forests, Ont.

**TOWING MACHINES**  
Payette & Company, P.  
West, Peachey & Sons

#### TRACTORS

Holt Manufacturing Company  
Hopkins & Co., Ltd., F. H.  
Mussens Limited

#### TRAILERS

Dominion Truck Equipment Co.  
Mussens, Ltd.

**TRANSMISSION MACHINERY**  
Canadian Link-Belt Company  
Engineering & Machine Works of Canada  
General Supply Co. of Canada, Ltd.  
Hamilton Company, William  
Kennedy, Wm. & Sons  
Waterous Engine Works Co.

#### TRUCKS

Tudhope Anderson Co.

#### TRUCK UNITS

Dominion Truck Equipment Co.

#### TURBINES

Engineering & Machine Works of Canada  
Hamilton Company, William

#### VALVES

Crane, Limited

#### VENEERS

Bury & Co. Robt.

**VETERINARY REMEDIES**  
Dr. Bell Veterinary Wonder Co.  
Johnson, A. H.

**WARPING TUGS**  
West, Peachey & Sons

**WATER WHEELS**  
Engineering & Machine Works of Canada  
Hamilton Company, William

**WIRE**  
Canada Wire & Iron Goods Co.

**WIRE CLOTH**  
Canada Wire & Iron Goods Co.

**WIRE ROPE**  
Canada Wire & Iron Goods Co.  
Hopkins & Co., Limited, F. H.  
Dominion Wire Rope Co., Limited  
Greening Wire Co., B.  
Mussens, Ltd.

**WOODWORKING MACHINERY**  
General Supply Co., of Canada, Ltd.  
Long Manufacturing Company, E.  
Mershon & Company, W. B.  
Waterous Engine Works Co.  
Yates Machine Company, P. B.

#### WOOD PRESERVATIVES

Beveridge Supply Company  
Austin & Nicholson  
New Ontario Colonization Company  
Power Lumber Co.

**WOOD PULP**  
Austin & Nicholson  
New Ontario Colonization Co.  
Power Lumber Co.



# ATKINS

## STERLING QUALITY SAWS

**Save Time,  
Labor and Money**

**In the woods or mill**

**ATKINS Sterling  
Quality SAWS**

will prove more efficient than other saws. Their fine temper and high quality assures you of more cuts per saw and more good lumber per day.

In addition to saws for every purpose, we manufacture Machine Knives, Atkins-Coleman Feed Rollers, Grinding Wheels and Cantol Belt Wax. Ask for descriptive literature and prices of these items. Address nearest factory or branch.

**E. C. ATKINS & CO.**

Established 1857      The Sterling Quality Saw People

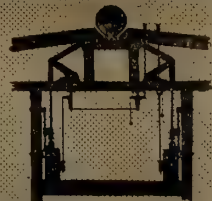
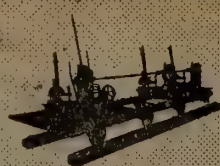
Canadian Factory, HAMILTON, Ontario

Branch carrying complete stock, VANCOUVER, B. C.



**MADE IN CANADA**





# LUMBERMEN'S



# EQUIPMENT

## A Wise Investment---a "Long" Bandmill

THE following brief description will convey more to the experienced millman than any lengthy claims we might make.

Columns of full hollow box section, connected at the bottom. Very sensitive, floating tension. Tension mechanism fully enclosed—easily accessible. Guide Blocks adjustable in all directions; quick opening, non-breakable pattern. Upper and lower bearings the same size and interchangeable; chain oiling, water cooled, adjustable in all directions. Protected steam cylinder to operate upper guide. Dake engine to handle upper wheel.

"The supremacy of this machine in the Bandmill field is due to its acknowledged leadership in design."



## The E. Long Manufacturing Co., Limited

Orillia Canada

A. R. Williams Machinery Co.,  
Vancouver and Winnipeg



Gormans, Ltd. Calgary and Edmonton  
Williams & Wilson, Ltd., Montreal















